

PM20 & PM30

Mixer-Processor

ILLUSTRATED PARTS LIST

Art's-Way Manufacturing Co., Inc.

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PARTS AND SERVICE

The wise purchaser of a new machine gives consideration to the following factors:

- A. ORIGINAL QUALITY
- B. AVAILABILITY OF SERVICE PARTS
- C. AVAILABILITY OF ADEQUATE SERVICE FACILITIES

Art's-Way Manufacturing Co., Inc. has an excellent dealership network ready to answer any questions you may have about your portable Mixer-Processor. Parts for your machine may be ordered through our dealers. When placing a parts order, please have the model and serial number ready. This will allow the dealer to fill your order as quickly as possible.

For your convenience, we have provided this space for you to record your model and serial numbers and date of purchase, as well as your dealership name and address.

Owner's Name _____

Owner's Address _____

Purchase Date _____

Dealer's Name _____

Dealer's Address _____

Dealer's Phone No. _____

	
SERIAL NO.	
MODEL NO.	
Manufactured By Art's-Way Manufacturing Co., Inc. Armstrong, IA	

ENTER SERIAL NUMBER & MODEL
NUMBER IN SPACE PROVIDED.
MACHINE SERIAL NUMBER LOCATION
(BEHIND LADDER LEFT HAND SIDE)

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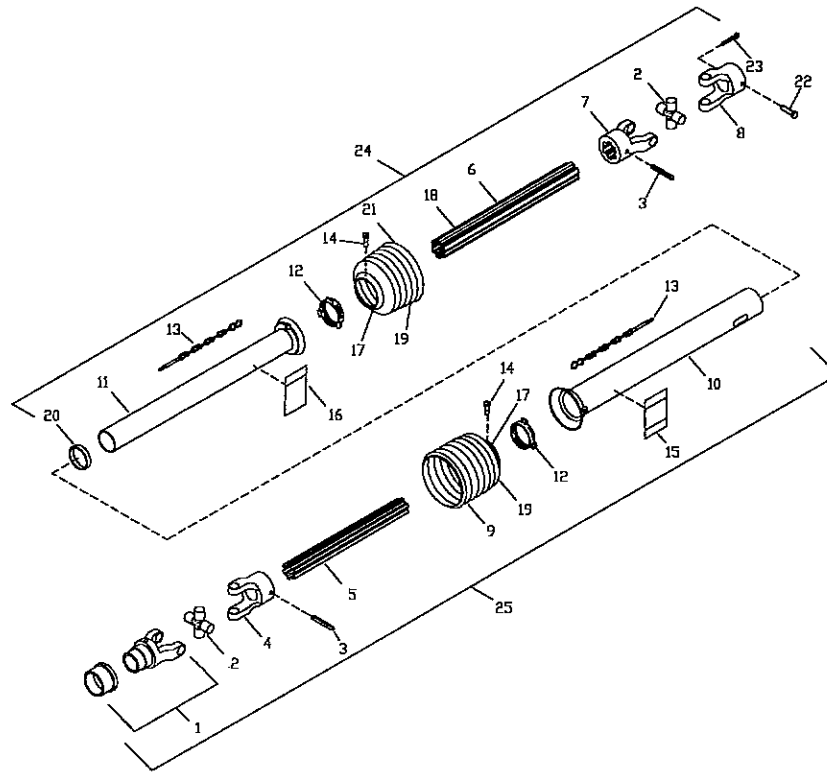
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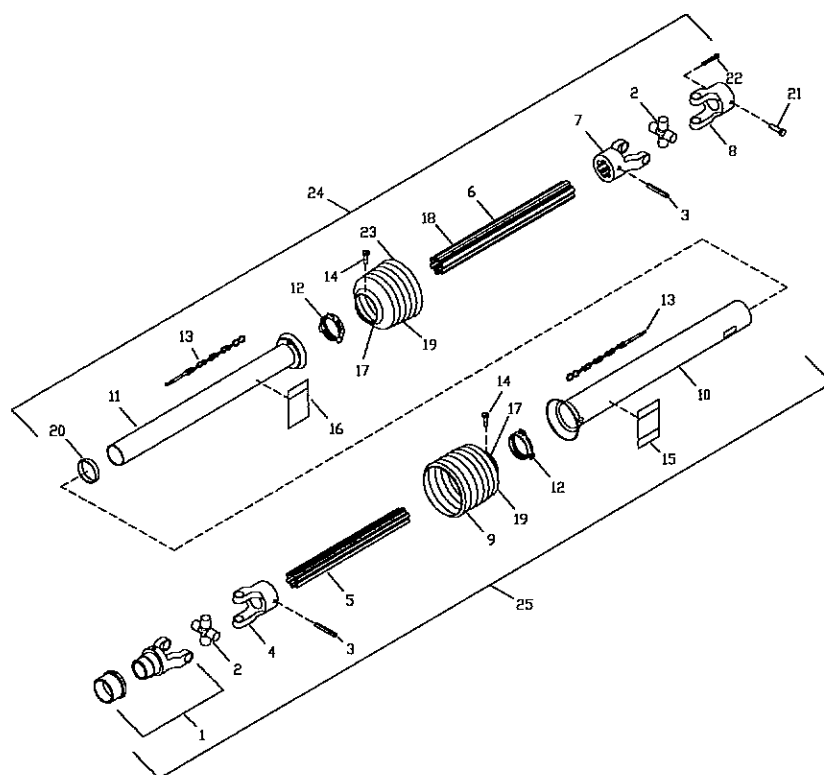
NOTES

IMPLEMENTED INPUT DRIVELINE (IID) ASSEMBLY, 540 RPM 1-3/8"-6B - 354640 **20" HAMMERMILL & 26" HAMMERMILL**



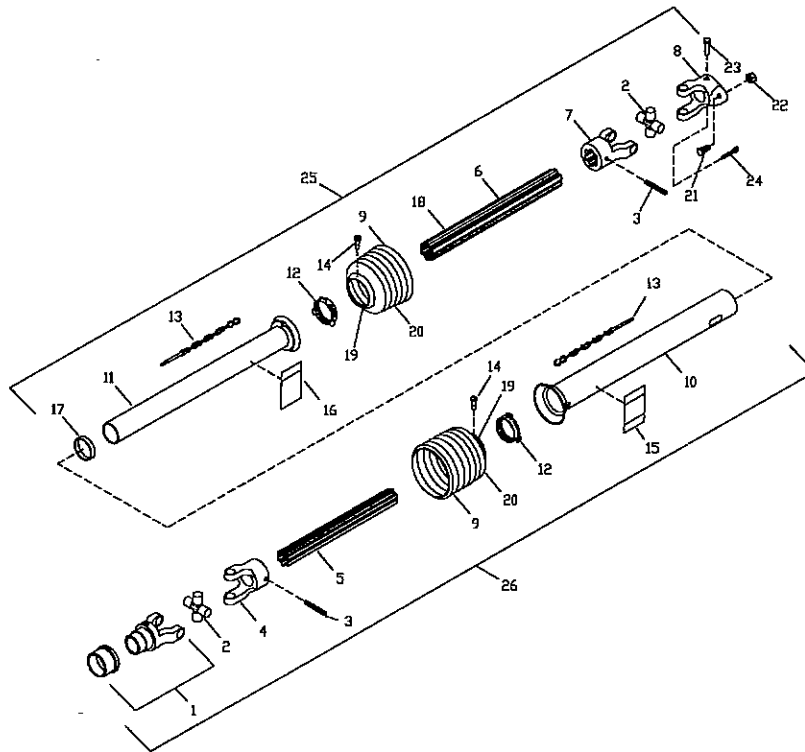
ITEM	PART NUMBER	QTY	DESCRIPTION
1	340130P	1	Yoke, 1-3/8-6 Spline
2	182230P	2	Kit, Cross & Bearing
3	196740P	2	Pin, Spring 10mm x 90mm
4	196730P	1	Yoke, Inboard
5	355660P	1	Profile, Inner
6	355670P	1	Profile, Outer
7	196770P	1	Yoke, Inboard
8	349230P	1	Yoke, 1-5/8" RB, 3/8" Keyway
9	340140P	1	Shield, Cone 7 Rib
10	355680P	1	Shield, Outer Tube Oval
11	355690P	1	Shield, Inner Tube Round
12	182900P	2	Ring, Bearing
13	182890P	2	Chain, Safety
14	345980P	2	Screw, Shield (in item 9)
15	286680P	1	Decal, Danger Rotating Drive Line
16	340180P	1	Decal, Danger Shield Missing
17	349250P	2	Reinforced Collar
18	196890P	1	Zerk, 3/16" Drive Grease (in item 6)
19	340120P	-	Kit, Slide Collar
20	340190P	1	Support Bearing
21	387770P	1	Shield, Cone 5 Rib
22	036480P	1	Pin, Clevis 5/16 x 3 ZN
23	020700P	1	Pin, Cotter 5/32 x 1 ZN
24	354650P	-	Imp. Driveline - Imp. Half
25	354680P	-	Imp. Driveline - Tractor Half

IMPLEMENTED INPUT DRIVELINE (IID) ASSEMBLY, 1000 RPM 1-3/8"-21 SPLINE **20" HAMMERMILL & 26" HAMMERMILL - 354670**



ITEM	PART NUMBER	QTY	DESCRIPTION
1	354180P	1	Yoke, 1-3/8" 21 Spline AS
2	182230P	2	Kit, Cross & Bearing
3	196740P	2	Pin, Spring 10mm x 90mm
4	196730P	1	Yoke, Inboard
5	355660P	1	Shaft, Inner Profile
6	355670P	1	Tube, Outer Profile
7	196770P	1	Yoke, Inboard
8	349230P	1	Yoke, 1-5/8" RB 3/8" Keyway
9	340140P	1	Shield, Cone 7 Rib
10	355680P	1	Tube, Outer Shield
11	355690P	1	Tube, Inner Shield
12	182900P	2	Ring, Bearing
13	182890P	2	Chain, Safety
14	345980P	2	Screw, Shield (in item 9)
15	268860P	1	Decal, Danger Rotating Drive Line
16	340180P	1	Decal, Danger Shield Missing
17	349250P	2	Reinforced Collar
18	196890P	1	Zerk, 3/16" Drive Grease (in item 6)
19	340210P	-	Collar Kit, 1-3/8-6
20	340190P	1	Support Bearing
21	036480P	1	Pin, Clevis 5/16 x 3 ZN
22	020700P	1	Pin, Cotter 5/32 x 1 ZN
23	387770P	1	Shield, Cone 5 Rib
24	354650P	-	Imp. Driveline - Imp. Half
25	354660P	-	Imp. Driveline - Imp. Tractor Half

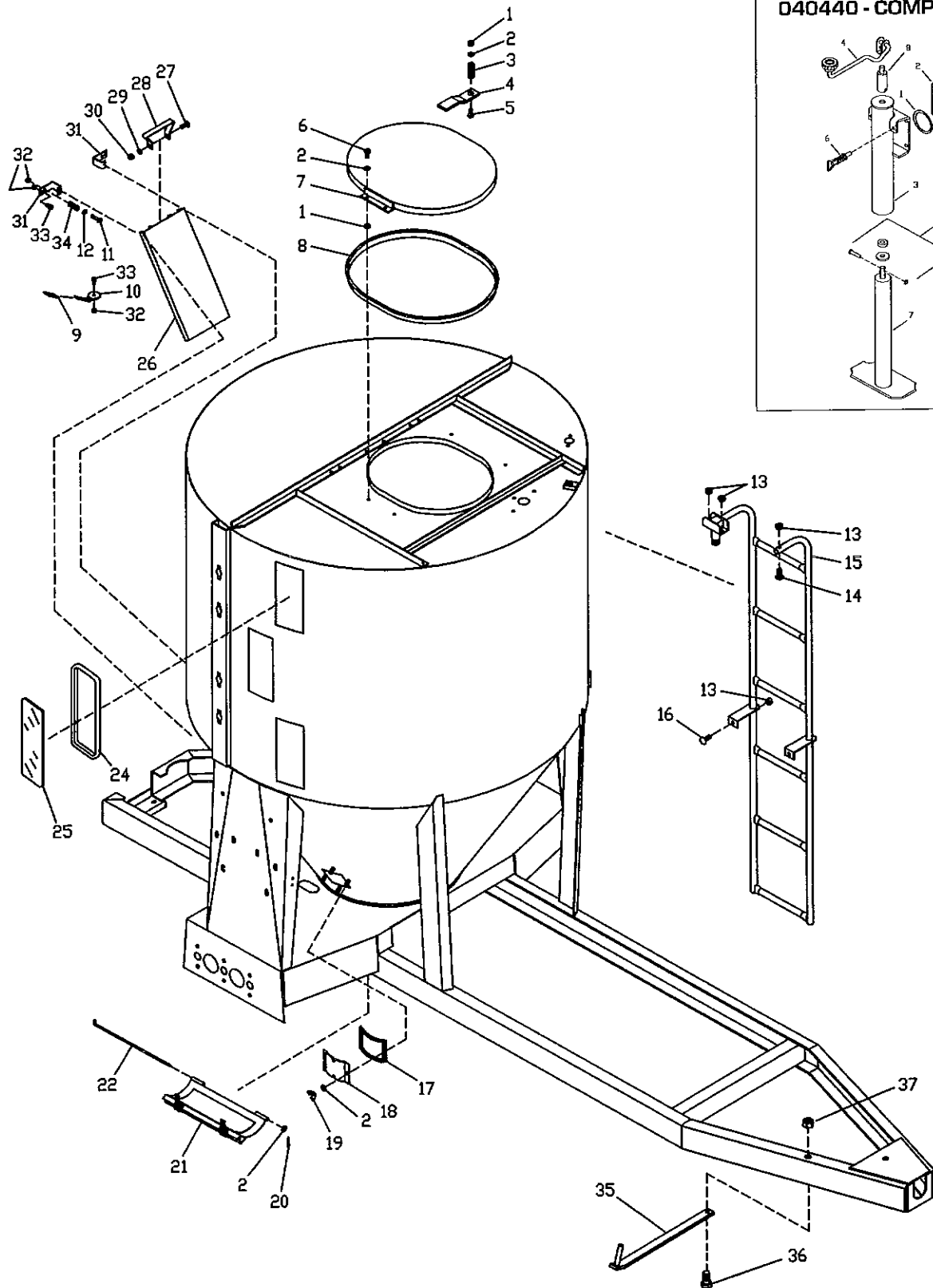
IMPLEMENTED INPUT DRIVELINE (IID) ASSEMBLY, 540 RPM
FOR USE ON 20" ROLLERMILL - 374140, 20" TWO-HIGH ROLLERMILL - 399990 &
20 EAR CORN ROLLERMILL - 374140, 30" ROLLERMILL - 380690



ITEM	PART NUMBER	QTY			DESCRIPTION
		399990	374140	380690	
1	340130P	1	1	1	Yoke, 1-3/8" 6 Spline
2	182230P	2	2	2	Kit, Cross & Bearing
3	196740P	2	2	2	Pin, Spring 10mm x 90mm
4	196730P	1	1	1	Yoke, Inboard
5	355700P	1	1	1	Shaft, Inner Profile S4
6	355710P	1	1	1	Profile & Sleeve
7	196770P	1	1	1	Yoke, Inboard
8	400010P	1	-	-	Shearbolt, Clutch (use with 399990)
8	379800P	-	1	-	Shearbolt, Clutch (use with 374140)
8	379840P	-	-	1	Shearbolt, Clutch (use with 380690)
9	340140P	2	2	2	Shield, Cone 7 Rib
10	379830P	-	1	-	Tube, Outer Shield Oval (use with 374140)
10	383190P	1	-	1	Tube, Outer Shield Oval (use with 380690)
11	355730P	1	1	1	Tube, Inner Shield Round
12	182900P	2	2	2	Ring, Bearing
13	182890P	2	2	2	Chain, Safety
14	345980P	2	2	2	Screw, Shield (in item 9)
15	268860P	1	1	2	Decal, Danger Rotating Drive Line
16	340180P	1	1	1	Decal, Danger Shield Missing
17	340190P	2	2	2	Bearing Support
18	196890P	1	1	1	Zerk, 3/16" Drive Grease (in item 6)
19	349250P	2	2	2	Collar, Reinforced
20	340210P	1	1	1	As Col. Kit (In Item 1)
21	407760P	1	1	1	Bolt, HHCS M10-1.5 x 60
22	402630P	1	1	1	Nut, Lock M10-1.5
23	036480P	1	1	1	Pin, Clevis 5/16 x 3 ZN
24	020700P	1	1	1	Pin, Cotter 5/32 x 1 ZN
25	379790P	-	1	-	Imp. Driveline - Imp. Half
25	383180P	-	-	1	Imp. Driveline - Imp. Half
25	400000P	1	-	-	Imp. Driveline - Imp. Half
26	379780P	1	1	-	Imp. Driveline - Tractor Half
26	383170P	-	-	1	Imp. Driveline - Tractor Half

TANK ASSEMBLY - 365780

SHOWS ASSEMBLY FOR PM20 & PM30



TANK ASSEMBLY - 365780

SHOWS ASSEMBLY FOR PM20 & PM30

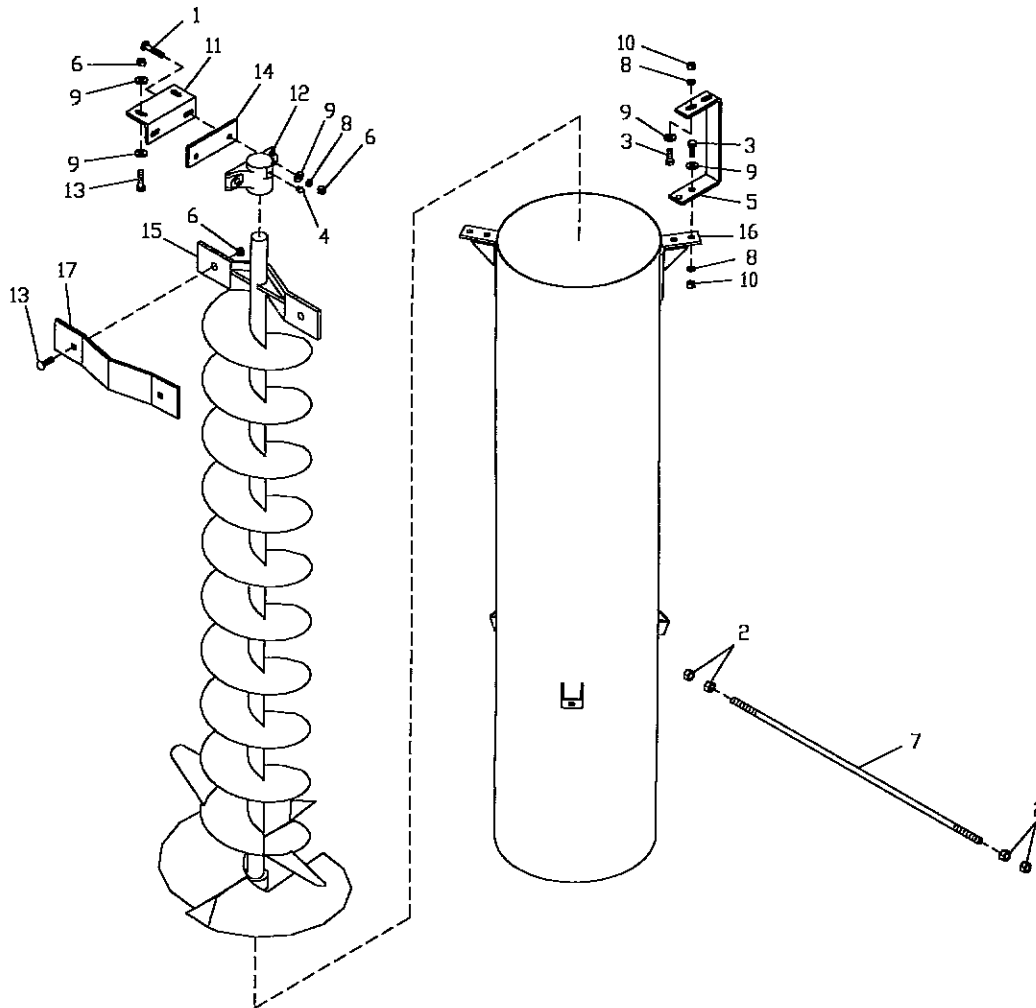
ITEM	PART NUMBER	QTY	DESCRIPTION
1	025670P	4	Nut, Lock 5/16"-18 ZN
2	022920P	13	Washer, Flat 5/16"
3	013080P	2	Spring, Compression
4	022930P00	2	Bracket, Lid Locking
5	009800P	2	Bolt, HHCS 5/16"-18 x 2-1/2" Gr5 ZN
6	012140P	2	Bolt, HHCS 5/16"-18 x 3/4" Gr5 ZN
7	035660P00	1	Lid & Hinge Weldment w/Decal
8	164020P	1	Seal, Tank Lid
9	050150P	1	Grip, Red Handle
10	204690P00	1	Eccentric Weldment
11	E672368P	2	Bolt, HHCS 1/4 x 2-1/4
12	023260P	2	Washer, Flat 1/4"
13	020180P	5	Nut, Lock 3/8"-16 Gr5 ZN
14	J03H1558P	1	Bolt, Carriage 3/8"-16 x 1-1/2" Gr5 ZN
15	365670P00	1	Ladder Weldment
16	170530P	1	Bolt, Carriage 3/8"-16 x 1" Gr5 ZN
17	185910P	2	Strip, Seal Tank C.O.
18	036090P00	2	Door, Clean Out
19	009790P	8	Nut, Wing 5/16"-18 Type A ZN
20	021210P	1	Pin, Cotter 3/32" x 1" ZN
21	363990P	1	Cover Weldment, Trough
22	156970P	1	Pin, Hinge 5/16" x 18-1/2"
23	-	-	-
24	012020P	3	Rubber, Window Frame
25	012050P	3	Glass, Window 4-1/2 x 12
26	204670P00	1	Door, Unloading Slide
27	012410P	2	Bolt, Carriage 5/16"-18 x 3/4" Gr5 ZN
28	204680P	1	Handle, Door
29	023620P	2	Washer, Lock 5/16" ZN
30	023630P	2	Nut, Hex 5/16"-18 Gr5 ZN
31	216020P00	2	Clip, Door Holder
32	042370P	5	Nut, Lock 1/4"-20 Hex GrA CZ
33	012051P	3	Bolt, HHCS 1/4"-20 x 3/4" Gr5 ZN
34	011130P	2	Spring, Slide Holder Assembly
35	379470P	1	Holder, PTO
36	014770P	1	Bolt, HHCS 1/2-13 x 1-1/2
37	037540P	1	Nut, Lock 1/2-13 Gr5 ZN

JACK ASSEMBLY, 151 DS COMPLETE - 040440

ITEM	PART NUMBER	QTY		DESCRIPTION
		PM20	PM30	
1	040290P	1	1	Ring, Retaining
2	040300P	1	1	Bracket, Swivel
3	040370P	1	1	Tube & Bracket Assembly
4	151630P	1	1	Kit, Crank Handle Assembly
5	151640P	1	1	Kit, Thrust Washer Assembly
6	151650P	1	1	Plunger, Pin Assy
7	151670P	1	1	Tube Assembly, 14" Inner
8	389180P	-	1	Shaft, Extension

MIXING AUGER ASSEMBLY

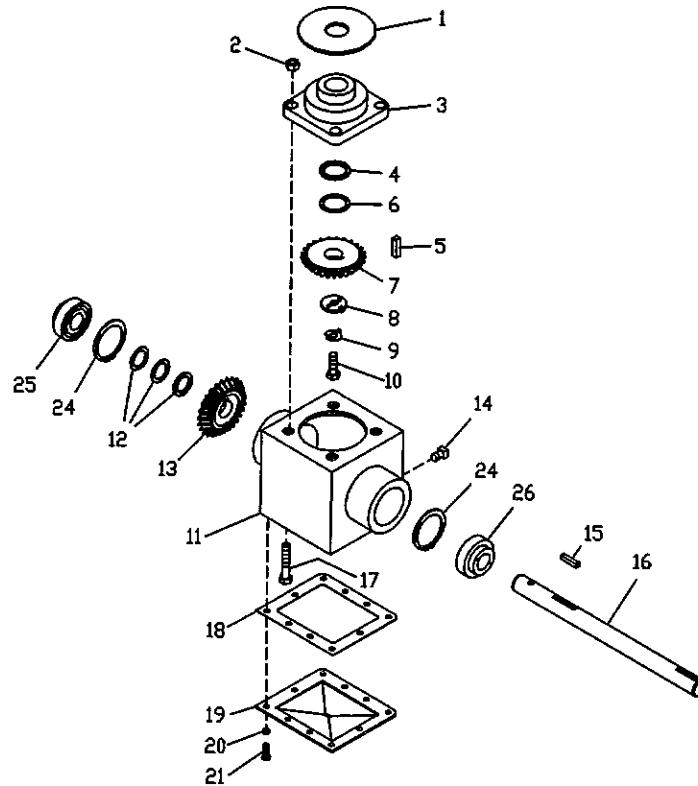
SHOWS ASSEMBLY FOR PM20 - 365790 & PM30 - 365750



ITEM	PART NUMBER	QTY		DESCRIPTION
		PM20	PM30	
1	J03H1558P	2	2	Bolt, Carriage 3/8"-16 x 1-1/2" Gr5 ZN
2	005360P	12	12	Nut, Hex 1/2"-13 Gr5 ZN
3	011370P	8	8	Bolt, HHCS 3/8"-16 x 1-1/2 Gr5 ZN
4	013170P	1	1	Zerk, 1/8" NPT Short Grease
5	018680P	2	2	Support, Main Auger Tube
6	020180P	2	2	Nut, Lock 3/8"-16 Flange Hex Gr5 ZN
7	021020P	3	3	Rod, Mix Auger Tube
8	021180P	8	8	Washer, Lock 3/8" ZN
9	021190P	10	10	Washer, Flat .438" x 1.0" x .083"
10	027260P	8	8	Nut, Hex 3/8"-16 Gr5 ZN
11	033230P	1	1	Hanger Bearing
12	035120P	1	1	Bearing, A-78 Cast
13	035180P	2	5	Bolt, Carriage 3/8"-16 x 1-1/4" SSN Gr5 ZN
14	151130P	1	1	Shim
15	363970P	1	-	Auger Weldment, Mixing 105 bu.
15	156920P	-	1	Auger Weldment, Mixing 150 bu.
16	363880P	1	-	Tube, Mixing Auger 105 bu.
16	363890P	-	1	Tube, Mixing Auger 150 bu.
17	126660P	-	1	Paddle, Mixing Auger

GEARBOX ASSEMBLY, MIXER - 365860

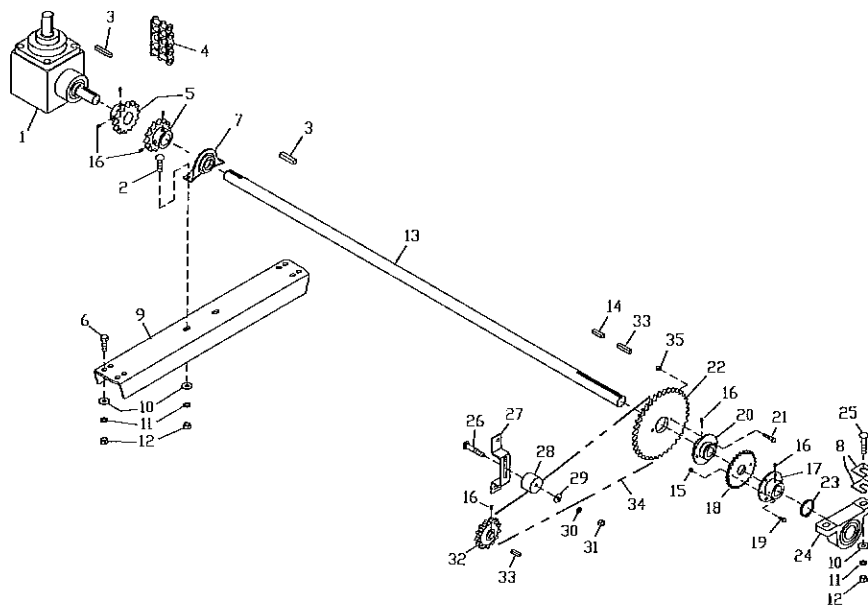
SHOWS ASSEMBLY FOR PM20 & PM30



ITEM	PART NUMBER	QTY	DESCRIPTION
1	010570P	1	Plate, Bearing Protector
2	037540P	4	Nut, Lock 1/2"-13 Gr5 ZN
3	020270P	1	Bearing, Flange 1-5/8"
4	020290P	1	Washer, Flat 1.65" x 2.12" x .134"
5	020220P	1	Key, SQ. 5/16" x 1-1/4"
6	020300P	1	Washer, Flat 1.65" x 2.12" x .048"
7	020280P	1	Gear, Bevel 1-5/8"
8	020310P	1	Washer, Special Lock
9	010720P	1	Washer, Bolt Lock
10	010730P	1	Bolt, HHCS 1/2"-13 x 1-1/4" Gr5 ZN
11	131190P	1	Gearbox, with bearings
12	020880P	1	Washer, Flat 1-1/4" x 1-3/4" x .134"
12	020910P	1	Washer, Flat 1-1/4" x 1-3/4" x .06"
12	020930P	2	Washer, Flat 1-1/4" x 1-3/4" x .036"
13	020320P	1	Gear, Bevel 1-1/4"
14	020340P	1	Plug, Pipe 3/4"
15	021630P	1	Key, SQ. 5/16" x 1-1/2"
16	163810P	1	Shaft, Gearbox 1-1/4" x 18"
17	013790P	4	Bolt, HHCS, 1/2"-13 x 2-1/4" Gr5 ZN
18	010740P	1	Gasket, Gearbox
19	010750P	1	Cover, Gearbox
20	023620P	10	Washer, Lock 5/16"
21	012140P	10	Bolt, HHCS 5/16"-18 x 3/4" Gr5 ZN
22	961960P	.2 oz.	Permatex, Ultra Blue 13 oz.
23	-	.33 gal.	90W Gear Oil, SAE
24	020350P	3	Ring, Retaining
25	112551P	1	Bearing Assembly, 1.25 Adapter COD
26	112552P	1	Bearing Assembly, 1.25 Adapter COD

DRIVE & GEARBOX ASSEMBLY, LOWER - 365770

SHOWS ASSEMBLY FOR PM20 & PM30



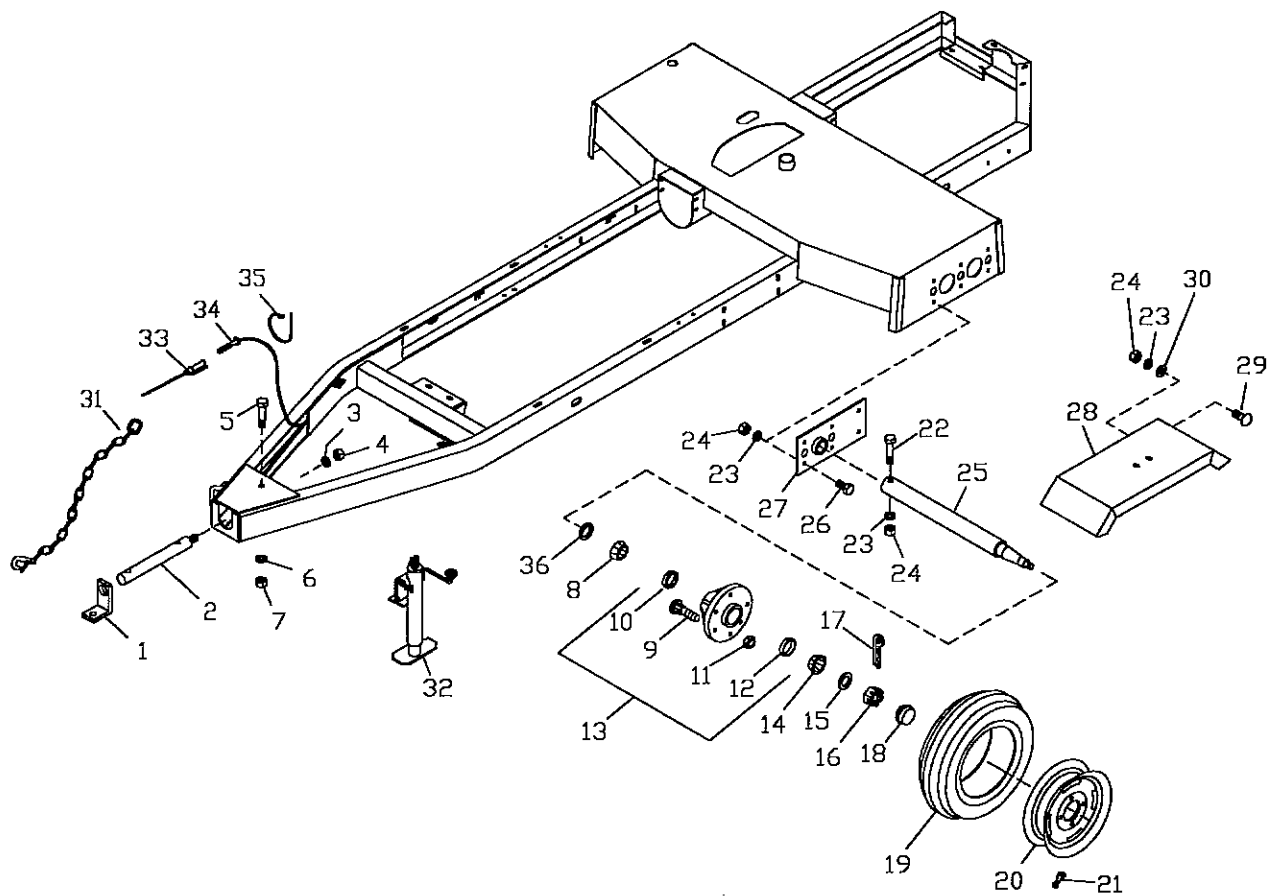
DRIVE & GEARBOX ASSEMBLY, LOWER - 365770

SHOWS ASSEMBLY FOR PM20 & PM30

ITEM	PART NUMBER	QTY	DESCRIPTION
1	365860P	1	Gearbox Assembly
2	156850P	2	Bolt, Carriage 1/2-13 x 1-1/2
3	020400P	2	Key, SQ 5/16" x 2"
4	163770P	1	Chain Assembly, 60-2 14P Inc. Conn.
5	163790P	2	Sprocket, 60B14 1-1/4" ID
6	010730P	4	Bolt, HHCS 1/2-13" x 1-1/4" Gr5 ZN
7	035080P	1	Bearing, PB 1-1/4" STL HSG with Lock Collar
8	I486454R1P	4	Shim, Blade .030"
9	365600P00	1	Channel, Middle Bearing Mounting
10	005200P	8	Washer, Flat .562" x 1.38" x .109"
11	005370P	8	Washer, Lock 1/2" ZN
12	005360P	8	Nut, Hex 1/2"-13 Gr5 ZN
13	381350P	1	Shaft, Mixer Drive
14	073530P	1	Key, SQ 5/16" x 1-5/8"
15	042370P	2	Nut, Lock 1/4"-20 Hex GrA CZ
16	010990P	8	Screw, HSSS 5/16"-18 x 5/16" BLO
17	020080P	1	Hub Weldment, Shear
18	039200P	1	Plate, Sprocket 40A28 1.25" ID
19	042960P	2	Bolt, HHCS 1/4"-20 x 1" Gr5 ZN
20	163740P	1	Hub Weldment, Shear 1-1/4" ID
21	030030P	2	Bolt, HHCS 5/16"-18 x 1-1/4" Gr5 ZN
22	159080P	1	Sprocket, 60A36 2.0 id
23	010380P	1	Ring, Extension Retaining
24	035090P	1	Bearing, PB 1-1/4" with Lock Collar
25	025390P	4	Bolt, Carriage 1/2"-13 x 1-3/4" Gr5 ZN
26	117550P	1	Bolt, Carriage 3/8"-16 x 2-1/4" Gr2 ZN
27	365890P	1	Bracket, Mill to Mixer Idler
28	041440P	1	Tightener, Chain
29	021190P	2	Washer, Flat 3/8 Std .438" x 1.0" x .083" ZN
30	021180P	1	Washer, Lock 3/8" ZN
31	027260P	1	Nut, Hex 3/8"-16 Gr5 ZN
32	021860P	1	Sprocket, 40B24, 1-1/8" Bore
33	020760P	2	Key, SQ 5/16" x 2.0"
34	214150P	1	Chain, Roller 2040 x 33P
35	025670P	2	Nut, Lock 5/16"-18 Hex DISTHD ZN

SPINDLE, HITCH & HUB ASSEMBLY

FOR USE ON PM20 - 366380 - STANDARD & 366400 - SCALE



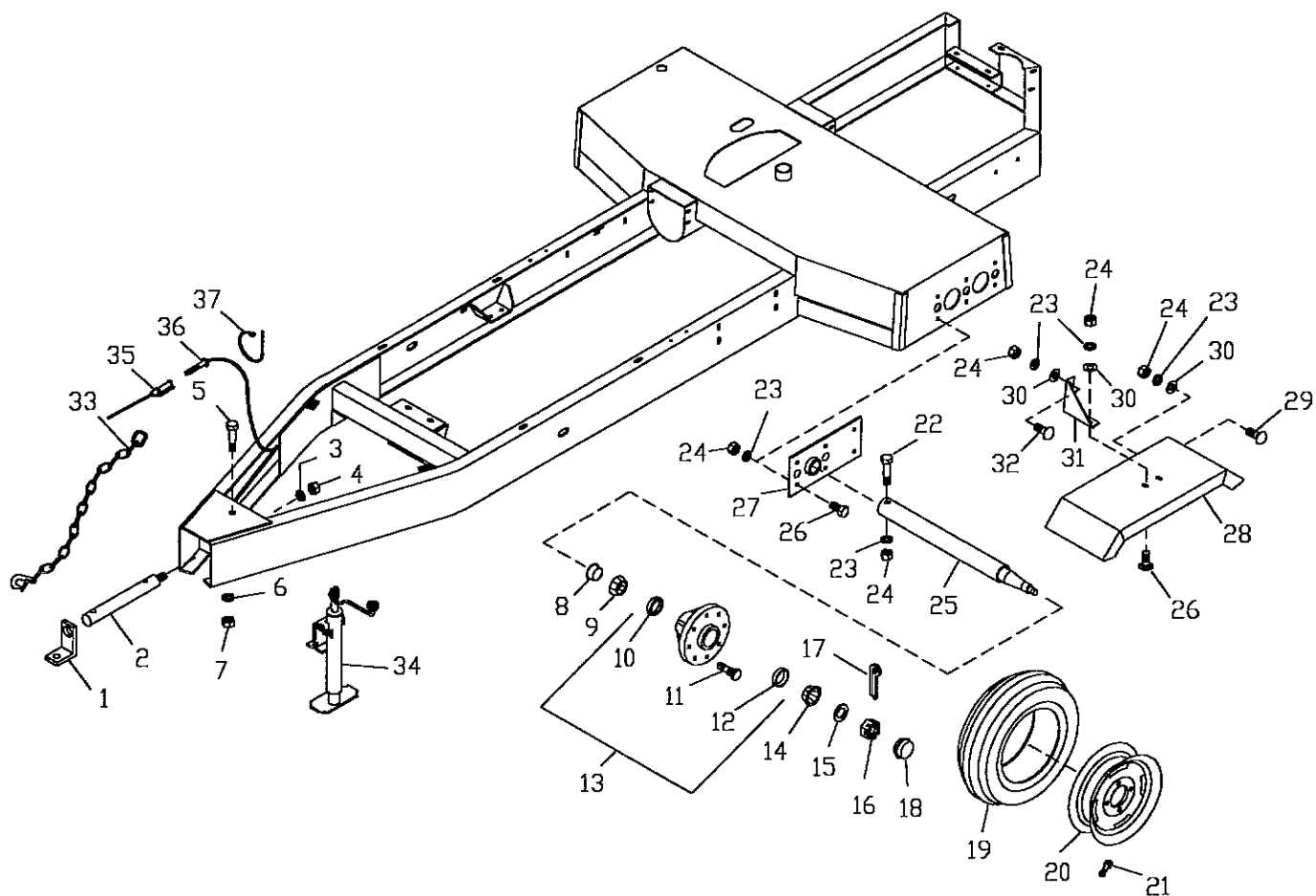
SPINDLE, HITCH & HUB ASSEMBLY

FOR USE ON PM20 - 366380 - STANDARD & 366400 - SCALE

ITEM	PART NUMBER	QTY		DESCRIPTION
		366400	366380	
1	036740P00	1	1	Clevis, Hitch 1-7/8"
2	124780P	-	1	Bar, Hitch (without scale)
2	219870P	1	1	Hitch 1-7/8 - 2-1/8 Cal - 5 Pin
3	003350P	1	1	Washer, Lock 1" Split ZN
4	147310P	1	1	Nut, Hex 1"-8 Gr2 ZN
5	990960P	1	1	Bolt, HHCS 3/4"-10 x 4-1/2" Gr5 ZN
6	036800P	1	1	Washer, Lock 3/4" ZN
7	036750P	1	1	Nut, Hex 3/4"-10 Gr2 ZN
8	016520P	2	2	Cone, Bearing 1-3/8"
8	044370P	2	2	Cone, Bearing 1-3/8" Inner(Serial# AWPM20940261&Up)
9	020470P	12	12	Bolt, Stud 1/2"-20 x 1-1/2"
10	018850P	1	1	Cup, Bearing
11	020730P	12	12	Nut, Lug 1/2"-20
12	018860P	2	2	Cup, Bearing
13	016530P	2	2	Hub Assembly, 6-Bolt
13	396100P	2	2	Hub Assembly , 6-Bolt (Serial # AWPM20940261 & Up)
14	012630P	2	2	Cone, Bearing 1-1/4"
15	020720P	2	2	Washer, Flat 13/16" x 1-3/4" x 11/64"
16	020710P	2	2	Nut, Hex 3/4"-16 Slotted Gr5 ZN
17	026630P	2	2	Pin, Cotter 5/32" x 1-1/2" ZN
18	035420P	2	2	Cap, Hub 2-1/2"
19	148640P	2	2	Tire, Tubeless 10.00 x 15 8-Ply
20	018716P	2	2	Wheel, 15 x 8 6-Bolt Gold
21	164420P	2	2	Valve Stem with Core & Cap
22	030420P	2	2	Bolt, HHCS 1/2" x 4-1/2" Gr5 ZN
23	005370P	14	14	Washer, Lock 1/2" ZN
24	005360P	14	14	Nut, Hex 1/2"-13 Gr5 ZN
25	040581P	2	-	Spindle, Weighbar
25	041400P	-	2	Spindle
26	010730P	12	12	Bolt, HHCS 1/2"-13 x 1-1/4" Gr5 ZN
27	363910P00	2	2	Bracket, Mounting 105 Bu.
28	366250P00	2	2	Fender Weldment, 105 Bu.
29	005390P	4	4	Bolt, Carriage 1/2"-13 x 1.0" Gr5 ZN
30	005200P	4	4	Washer, Flat .56" x 1.38" x .109"
31	1765302P	1	1	Chain, Safety 5/16 x 5 ft.
32	040440P00	1	1	Jack Assembly, Completed (See page 4 & 5)
33	036780P	1	-	Connector, Power Cord
34	147060P	1	-	Cord, 23' Digital Power
35	149670P	14	-	Tie, Nylon Cable
36	396050P	2	2	Seal (Serial # AWPM20940261 & Up)

SPINDLE, HITCH & HUB ASSEMBLY

FOR USE ON PM30 - 366390 - STANDARD & 366410 - SCALE



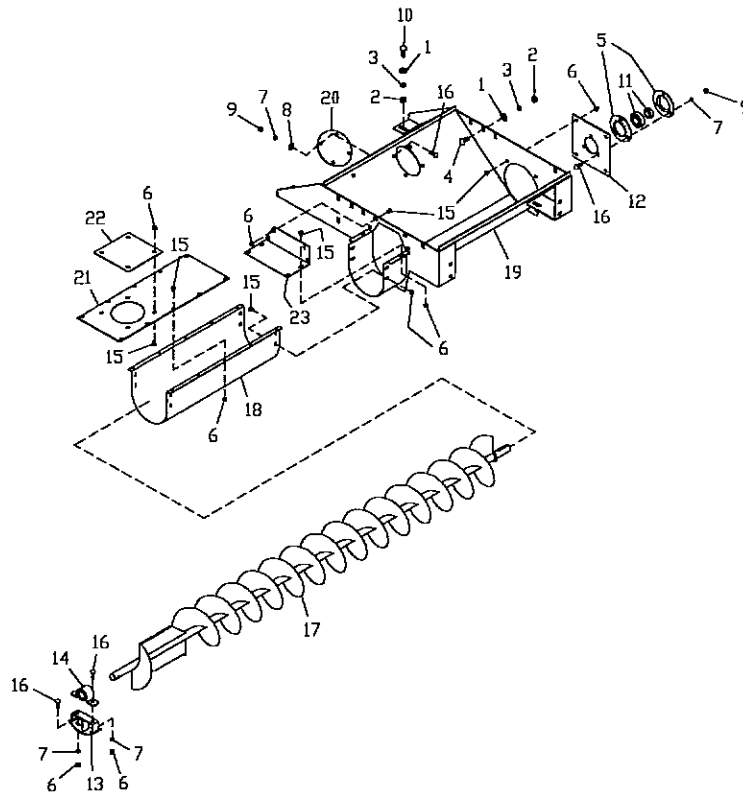
SPINDLE, HITCH & HUB ASSEMBLY

FOR USE ON PM30 - 366390 - STANDARD & 366410 - SCALE

ITEM	PART NUMBER	QTY		DESCRIPTION
		366410	366390	
1	036740P00	1	1	Clevis, Hitch 1-7/8"
2	124780P	-	1	Bar, Hitch (without scale)
2	219870P	1	-	Bar, Hitch (without scale)
3	003350P	1	1	Washer, Lock 1" Split ZN
4	147310P	1	1	Nut, Hex 1"-8 Gr2 ZN
5	990960P	1	1	Bolt, HHCS 3/4"-10 x 4-1/2"Gr5 ZN
6	036800P	1	1	Washer, Lock 3/4"
7	036750P	1	1	Nut, Hex 3/4"-10 Gr2 ZN
8	121130P	2	2	Seal, 2.12" x 3.06" x .50"
9	042310P	2	2	Cone, Bearing 1-7/8" id
10	042320P	1	1	Cup, Bearing
11	042440P	16	16	Bolt, HHCS 9/16"-18 x 1-1/8"
12	018860P	2	2	Cup, Bearing
13	042330P	2	2	Hub Assembly
14	012630P	2	2	Cone, Bearing 1-1/4"
15	020720P	2	2	Washer, Flat .81" x 1.75" x .179"
16	020710P	2	2	Nut, Hex 3/4"-16 Slotted Gr5 ZN
17	026630P	2	2	Pin, Cotter 5/32" x 1-1/2" ZN
18	035420P	2	2	Cap, Hub 2-1/2"
19	050230P	2	2	Tire, 13.5 x 16.1
20	042264P	2	2	Wheel, 11 x 16.1 8-Bolt Gold
21	164420P	2	2	Valve Stem with Core & Cap
22	030420P	2	2	Bolt, HHCS 1/2"-13 x 4-1/2" Gr5 ZN
23	005370P	14	14	Washer, Lock 1/2" ZN
24	005360P	14	14	Nut, Hex 1/2"-13 Gr5 ZN
25	042270P	-	2	Spindle, 2.12" x 31.31"
25	040611P	2	-	Spindle, 2.12 x 31.31
26	010730P	12	12	Bolt, HHCS 1/2"-13 x 1-1/4" Gr5 ZN
27	363940P00	2	2	Bracket, Mounting 150 Bu.
28	159140P00	2	2	Fender Weldment, 150 Bu.
29	005390P	4	4	Bolt, Carriage 1/2"-13 x 1.0" Gr5 ZN
30	005200P	4	4	Washer, Flat .56" x 1.38" x .109" ZN
31	159160P00	2	2	Support, Fender
32	030470P	4	4	Bolt, Carriage 1/2"-13 x 1-1/4"Gr5 ZN
33	1765302P	1	1	Chain, Safety 5/16 x 5 ft.
34	040440P00	1	1	Jack Assembly, Completed (See pg 4&5)
35	036780P	1	-	Connector, Power Cord
36	147060P	1	-	Cord, 23' Digital Power
37	149670P	14	-	Tie, Nylon Cable

MILL TO MIXER AUGER ASSEMBLY - 365760

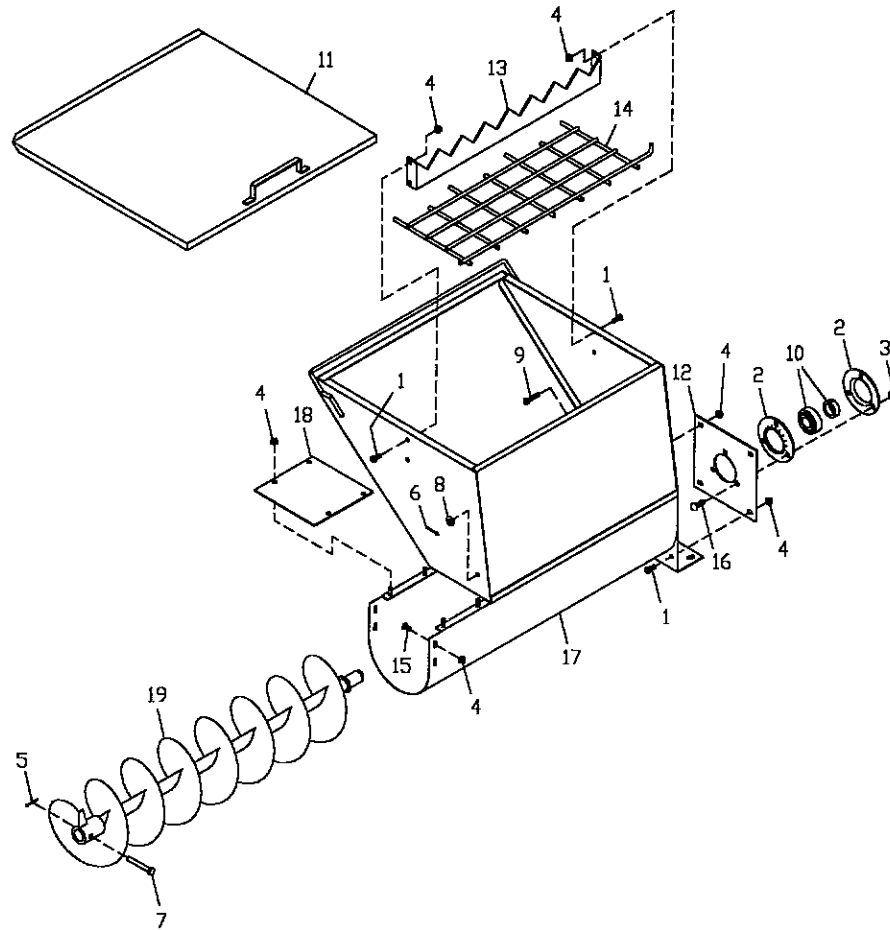
SHOWS ASSEMBLY FOR PM20 & PM30



ITEM	PART NUMBER	QTY	DESCRIPTION
1	005200P	13	Washer, Flat .562" x 1.38" x .109" ZN
2	005360P	13	Nut, Hex 1/2"-13 Gr5 ZN
3	005370P	13	Washer, Lock 1/2" ZN
4	005390P	9	Bolt, Carriage 1/2"-13 x 1.0" Gr5 ZN
5	019150P	2	Flangette, Bearing 1-1/8" 3 Bolt Round
6	020190P	26	Nut, Lock 5/16"-18 Hex Flange Gr5
7	021180P	11	Washer, Lock 3/8" ZN
8	021190P	4	Washer, Flat .438" x 1.0" x .083" ZN
9	027260P	11	Nut, Hex 3/8"-16 Gr5 ZN
10	030470P	4	Bolt, Carriage 1/2"-13 x 1-1/4" Gr5 ZN
11	108850P	1	Bearing SOD1-1/8" Spring Lock
12	128040P00	1	Plate, Hole Cover
13	165020P	1	Bracket Weldment, Bearing Holder
14	165030P	1	Bearing, PB 1-1/8" Split Wood
15	169340P	26	Bolt, Carriage 5/16"-18 x 1/2" Gr2 ZN
16	170530P	11	Bolt, Carriage 3/8"-16 x 1.0" Gr5 ZN
17	363750P	1	Auger Weldment, Mill to Mixer
18	364250P00	1	Trough, Lower Pan to Tank
19	365330P00	1	Pan Weldment, Lower
20	365390P00	1	Cover, Lower Pan
21	365880P00	1	Cap, Trough
22	365900P00	1	Plate, Cap
23	365950P00	1	Cap, Angle

SUPPLEMENT HOPPER - 364000

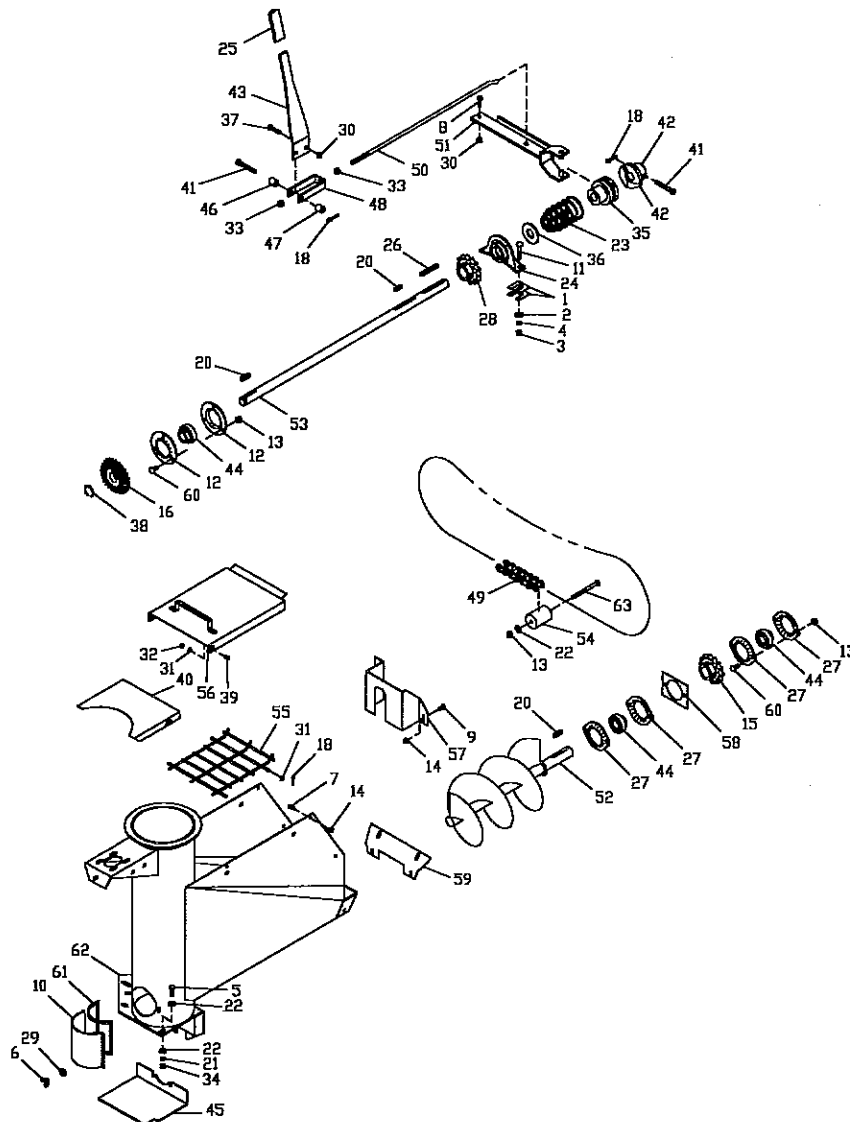
SHOWS ASSEMBLY FOR PM20 & PM30



ITEM	PART NUMBER	QTY	DESCRIPTION
1	006880P	8	Bolt, HHCS 5/16"-18 x 5/8" Gr5 ZN
2	019150P	2	Flangette, 1-1/8" Bearing 3 Bolt Round
3	020180P	3	Nut, Lock 3/8"-16 Hex Flange Gr5 ZN
4	020190P	16	Nut, Lock 5/16"-18 Hex Flange Gr5 ZN
5	020700P	1	Pin, Cotter 5/32" x 1.0" ZN
6	021210P	1	Pin, Cotter 3/32" x 1.0" ZN
7	021430P	1	Pin, Clevis 3/8" x 2-1/4"Gr5 ZN
8	022920P	1	Washer, Flat .38" x .88" x .083" ZN
9	025760P	2	Bolt, HHCS 5/16"-18 x 1-1/2"Gr5 ZN
10	108850P	1	Bearing, SOD 1-1/8 Spring Lock
11	160710P00	1	Lid Weldment, Supplement Hopper
12	128040P00	1	Plate, Hole Cover
13	128050P	1	Sack Cutter
14	128060P	1	Grate Weldment
15	169340P	4	Bolt, Carriage 5/16"-18 x 5.0" Gr2 ZN
16	170530P	3	Bolt, Carriage 3/8"-16 x 1.0" Gr5 ZN
17	365110P00	1	Hopper Weldment, Supplement
18	365140P00	1	Cover, Supplement Hopper
19	365150P	1	Auger Weldment, Concentrate Tank

HOPPER AND DRIVE ASSEMBLY, DISCHARGE - 366690

SHOWS ASSEMBLY FOR PM20 & PM30



ITEM	PART NUMBER	QTY	DESCRIPTION
1	I486454R1P	4	Shim, Blade .030"
2	005200P	2	Washer, Flat .562" x 1.38" x .109" ZN
3	005360P	2	Nut, Hex 1/2"-13 Gr5 ZN
4	005370P	2	Washer, Lock 1/2" ZN
5	006690P	3	Bolt, HHCS 3/8"-16 x 1-1/4" Gr5 ZN
6	009790P	2	Nut, Wing 5/16"-18 Type A ZN
7	012140P	4	Bolt, HHCS 5/16"-18 x 3/4" Gr5 ZN
8	012260P	1	Bolt, HHCS 3/8"-16 x 1.0"Gr5 ZN
9	012410P	4	Bolt, Carriage 5/16"-18 x 3/4"Gr5 ZN
10	012520P00	1	Door, Cleanout
11	018110P	2	Bolt, Carriage 1/2"-13 x 1-1/2" Gr2 ZN
12	019150P	2	Flangette, Bearing 1-1/8" 3 Bolt Round
13	020180P	8	Nut, Hex 3/8"-16 Flange Lock Gr5 ZN
14	020190P	4	Nut, Hex 5/16"-18 Flange Lock Gr5 ZN
15	020240P	1	Sprocket, 40B28 1-1/8" Bore

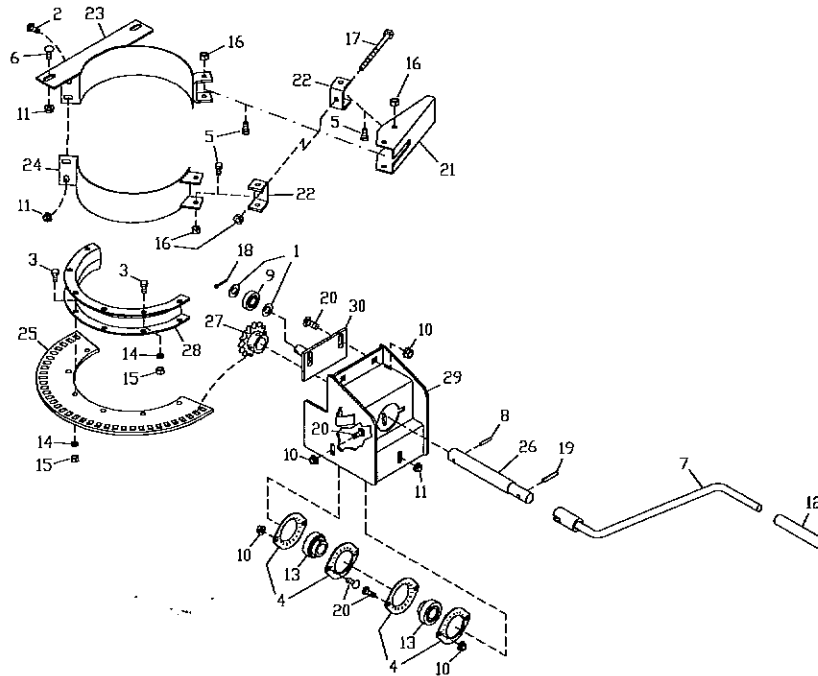
HOPPER AND DRIVE ASSEMBLY, DISCHARGE - 366690

SHOWS ASSEMBLY FOR PM20 & PM30

ITEM	PART NUMBER	QTY	DESCRIPTION
16	020580P	1	Gear, Bevel 14T 1-1/8" Bore
17	020650P	4	Washer, Flat 1.14" x 1.62" x .134" Plain
18	020700P	6	Pin, Cotter 5/32" x 1.0" ZN
19	020200P	2	Key, SQ 5/16 x 1-1/4
20	020760P	3	Key, SQ 5/16" x 1.12"
21	021180P	3	Washer, Lock 3/8" ZN
22	021190P	7	Washer, Flat .438" x 1.0" x .083" ZN
23	021270P	1	Spring, Clutch Holding
24	021540P	1	Bearing, PB 1.12" with Lock Collar
25	021560P	1	Grip, Clutch Handle 1/4 x 1-1/4 Red
26	021570P	1	Key, SQ 5/16" x 3.62"
27	021610P	4	Bearing, Flangette 1.12" Bearing 2 Bolt
28	021860P	1	Sprocket, 40B24 1.12" Bore
29	022920P	2	Washer, Flat .38" x .88" x .083" ZN
30	023060P	2	Nut, Lock 3/8"-16 GrA
31	023260P	6	Washer, Flat .312" x .75" x 16 Ga. ZN
32	023270P	2	Nut, Lock 1/4"-20 Hex Flange Gr5 ZN
33	023770P	2	Nut, Hex 7/16"-14 Gr2 ZN
34	027260P	3	Nut, Hex 3/8"-16 Gr5 ZN
35	032660P	1	Clutch, A-66 Casting
36	034260P	2	Washer, Flat 1.14" x 2.12" x .134" Plain
37	035180P	1	Bolt, Carriage 3/8"-16 x 1-1/4" Gr5 ZN
38	035200P	1	Ring, 1.12" Snap
39	035230P	2	Screw, THMS 1/4"-20 x 3/4" Gr2 ZN
40	040820P00	1	Deflector, Feed
41	041540P	2	Pin, Clevis 3/8" x 2.38" ZN
42	041550P	1	Clutch, A-67 Casting
43	105210P00	1	Handle, Clutch
44	108850P	3	Bearing, 1.12" Sod Spring Lock
45	121820P00	1	Shield, Lower Gears
46	144730P	1	Spacer, 1/2" Long
47	144740P	1	Spacer, 7/8" Long
48	151450P	1	Fork, Discharge Clutch
49	157860P	1	Chain Assembly, RC40 x 61P
50	158200P	1	Rod, Clutch 500
51	158210P	1	Arm Weldment, Clutch
52	158230P	1	Auger Weldment, Push
53	158240P	1	Shaft, Back Auger Drive
54	158250P	1	Idler, Wood Block 500
55	158270P	1	Grate, Weldment, Discharge
56	158280P00	1	Cover, Weldment, Back Hopper
57	162140P00	1	Shield, Push Auger
58	167090P	1	Spacer, Bearing
59	167100P	1	Gasket, Filler
60	170530P	7	Bolt, Carriage, 3/8"-16 x 1.0" Gr5 ZN
61	185900P	1	Strip, Seal Discharge C.O.
62	365300P00	1	Discharge Weldment, First Section
63	991190P	1	Bolt, Carriage 3/8"-16 x 3-1/2" Gr2 ZN

SWIVEL ASSEMBLY, MECHANICAL - 367270

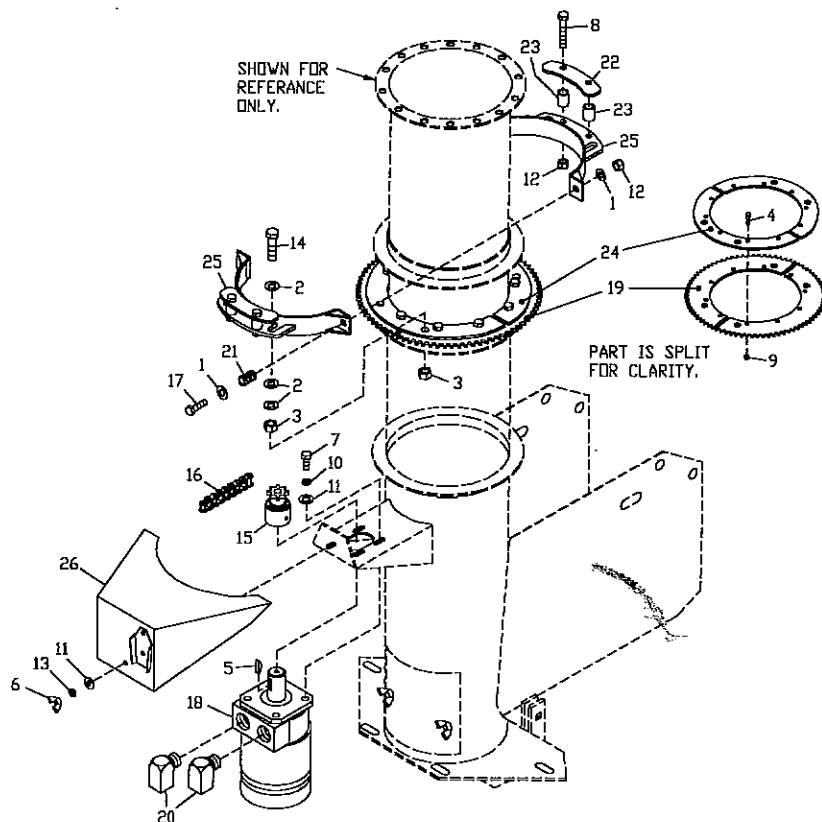
SHOWS ASSEMBLY FOR PM20 & PM30



ITEM	PART NUMBER	QTY	DESCRIPTION
1	I120396P	2	Washer, Flat 17/32" x 1-1/16" x 5/64" ZN
2	I14994R1P	2	Bolt, Carriage 5/16"-18 x 1.0" NK Gr2 PLN
3	005900P	12	Bolt, HHCS 5/16"-18 x 1.0" Gr5 ZN
4	008580P	4	Flangette, Bearing 3/4" 2 Bolt
5	012140P	4	Bolt, HHCS 5/16"-18 x 3/4" Gr5 ZN
6	012410P	4	Bolt, Carriage 5/16"-18 x 3/4" Gr5 ZN
7	012500P	1	Crank Assembly, Back Auger
8	012560P	1	Pin, Expansion 3/16" x 1.0" ZN
9	013750P	1	Bearing, Ball 1/2" Special
10	020180P	8	Nut, Lock 3/8"-16 Hex Flange Gr5 ZN
11	020190P	5	Nut, Lock 5/16"-18 Hex Flange Gr5 ZN
12	020640P	1	Grip, Plastic
13	021680P	2	Bearing, SOD 3/4"
14	023620P	19	Washer, Lock 5/16" ZN
15	023630P	19	Nut, Hex 5/16"-18 Gr5 ZN
16	025670P	6	Nut, Lock 5/16"-18 Hex ZN
17	028200P	1	Bolt, HHCS 5/16"-18 x 4-1/2" Gr5 ZN
18	034360P	1	Pin, Cotter 1/8" x 1.0" ZN
19	169220P	1	Pin, Spring 1/4" x 1-3/8" Slotted
20	170530P	2	Bolt, Carriage 3/8"-16 x 1.0" Gr5 ZN
21	206490P	1	Handle, Brake
22	206500P	2	Yoke, Brake
23	206510P	1	Band Weldment, Handle Half
24	206520P	1	Band Weldment, Plain Half
25	217670P	1	Disk, Half Swivel Drive
26	217740P	1	Shaft, Swivel Drive
27	217750P	1	Sprocket, 50B8 3/4" Bore
28	367320P	1	Ring Half Weldment, Disk Drive
29	367360P	1	Bracket Weldment, Mechanical Swing
30	367400P	1	Rod, Idler Weldment
31	022920P	6	Washer, Flat 5/16
32	116350P	2	Spacer, Door
33	991180P	2	Bolt, Carriage 5/16"-18 x 3 Gr2 ZN

SWIVEL ASSEMBLY, HYDRAULIC - 367260

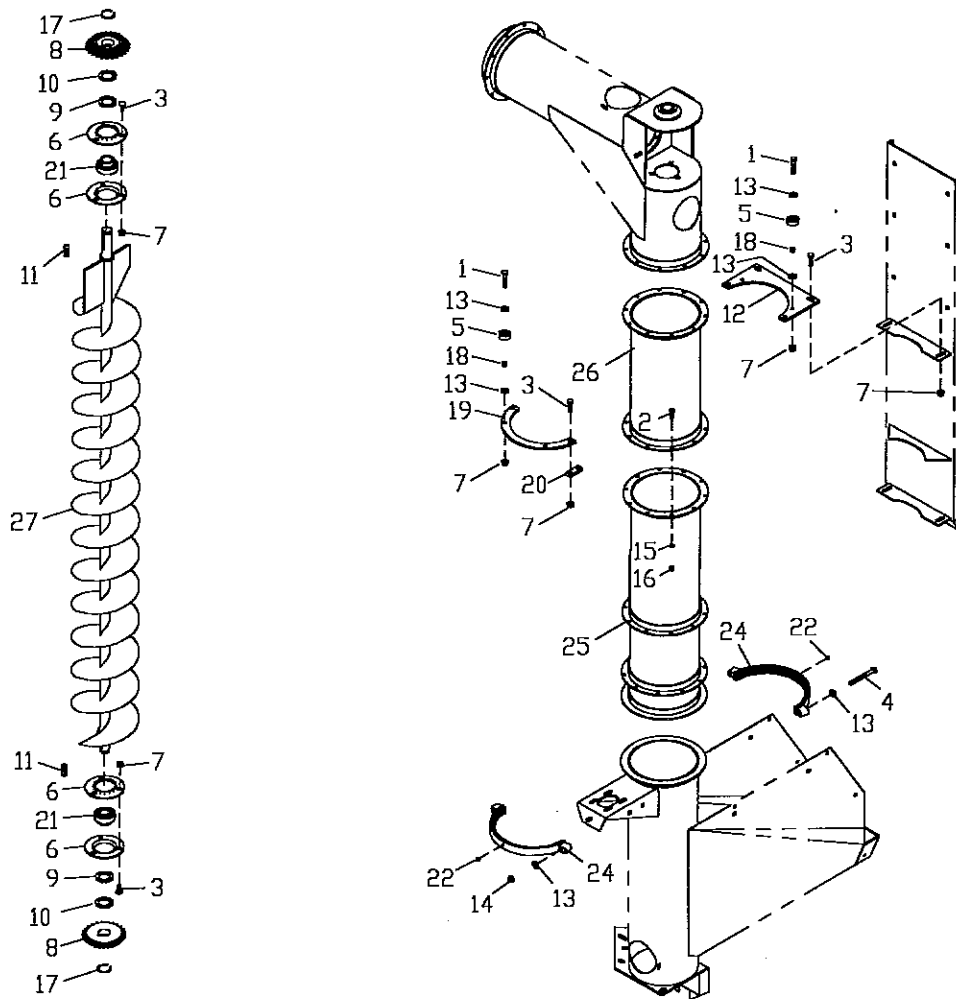
SHOWS ASSEMBLY FOR PM20 & PM30



ITEM	PART NUMBER	QTY	DESCRIPTION
1	I120394P	4	Washer, Flat 3/8" SAE 13/32" x 13/16" x 3/64" ZN
2	I120396P	12	Washer, Flat 1/2" SAE 17/32" x 1-1/16" x 5/64" ZN
3	005360P	8	Nut, Hex 1/2"-13 Gr5 ZN
4	005900P	10	Bolt, HHCS 5/16"-18" x 1.0" Gr5 ZN
5	006180P	1	Key, Woodruff 1/4" x 1.0" PLN
6	009790P	1	Nut, Wing 5/16"-18 Type A ZN
7	012260P	4	Bolt, HHCS 3/8"-16 x 1" Gr5 ZN
8	018150P	4	Bolt, HHCS 3/8"-16 x 1-3/4" Gr5 ZN
9	020190P	10	Nut, Lock 5/16"-18 Hex Flange Gr5 ZN
10	021180P	4	Washer, Lock 3/8" ZN
11	021190P	4	Washer, Flat 3/8" STD 7/16" x 1.0" x 5/64"
12	023060P	6	Nut, Lock 3/8"-16 GrA
13	023620P	1	Washer, Lock 5/16" ZN
14	023950P	4	Bolt, HHCS 1/2"-13 x 2" Gr5 ZN
15	032770P	1	Sprocket Assembly
16	032780P	1	Chain, #40 Roller 88P
17	037790P	2	Bolt, HHCS 3/8"-16 x 2" Gr5 ZN
18	111090P	1	Motor, Hydraulic 20 Cu. In DISPL
19	133480P	1	Sprocket, Split 40A80
20	252370P	2	Elbow, St, 90° 5° with .06 Orface
21	258540P	2	Spring, Compression 1/32" x 3/4" x 78" LG
22	349470P	2	Plate, Clamp
23	349480P	4	Spacer, 43/64" od x 31/64" id x 7/8" LG
24	387220P	2	Plate, Sprocket Bolt
25	349500P	2	Band Assembly, Half
26	364040P00	1	Shield Assembly, Swivel Motor

DISCHARGE ASSEMBLY, VERTICAL

29" VERTICAL - 367160 & 45" VERTICAL - 367170



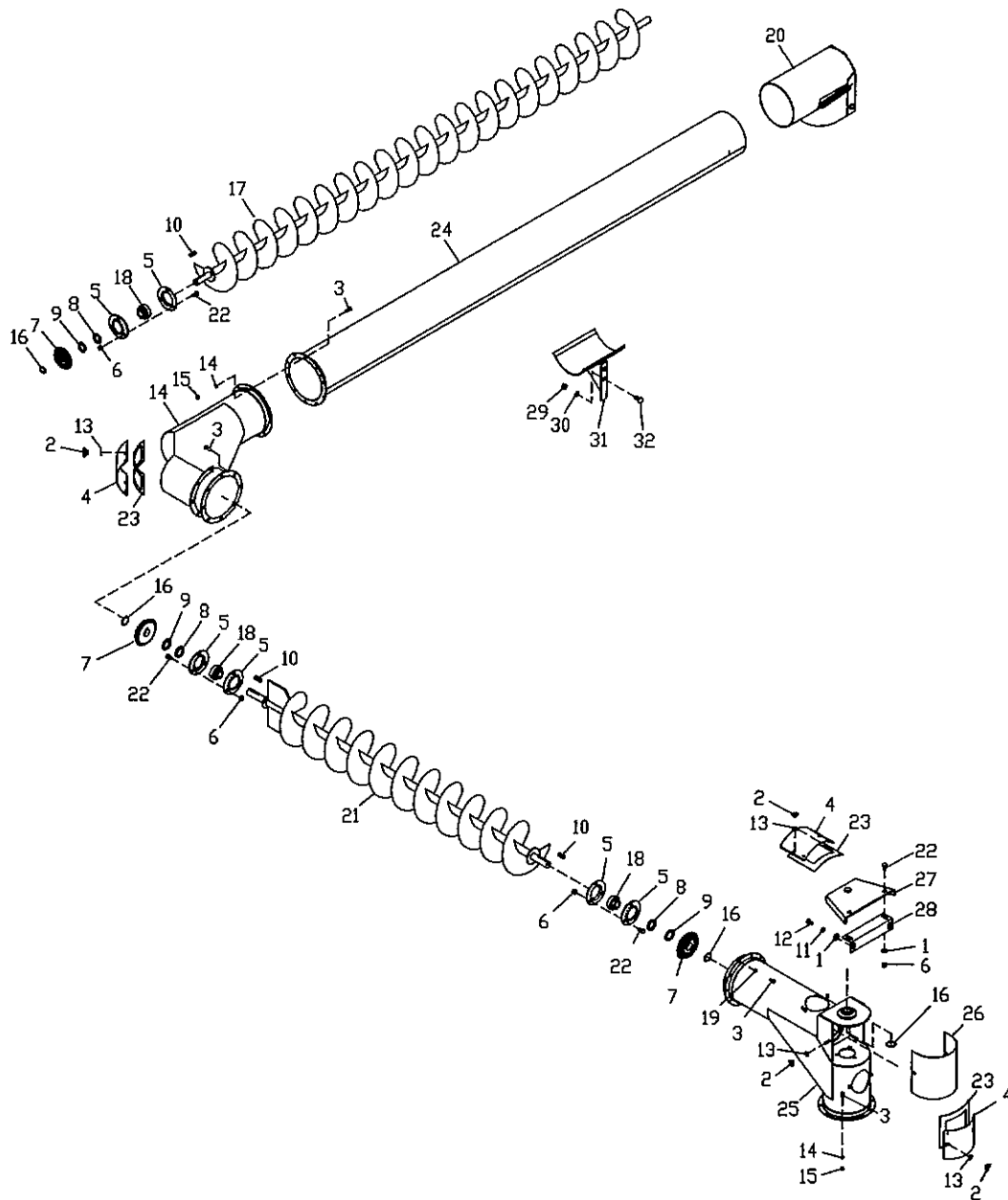
DISCHARGE ASSEMBLY, VERTICAL

29" VERTICAL - 367160 & 45" VERTICAL - 367170

ITEM	PART NUMBER	QTY		DESCRIPTION
		367160	367170	
1	011370P	4	8	Bolt, HHCS 3/8"-16 x 1-1/2" Gr5 ZN
2	012140P	-	10	Bolt, HHCS 5/6"-18 x 3/4 Gr5 ZN
3	012260P	12	18	Bolt, HHCS 3/8"-16 x 1.0" Gr5 ZN
4	990820P	2	2	Bolt, HHCS 3/8"-16 x 3.0" Gr5 ZN
5	013750P	4	8	Bearing, Ball 1/2" Special
6	019150P	2	2	Flangette, Bearing 1-1/8" - 3 Bolt Round
7	020180P	16	26	Nut, Lock 3/8"-16 Hex Flange Gr5 ZN
8	020580P	2	2	Gear, Bevel 14T 1-7/64" Bore
9	020650P	2	2	Washer, Flat 1-9/64" x 1-5/8" x 9/64"
10	020750P	2	2	Washer, Flat 1-9/64" x 1-5/8" x 7/64"
11	020760P	2	2	Key, SQ 5/16" x 1-1/8"
12	367180P	1	2	Bracket, Swivel Ring
13	021190P	12	20	Washer, Flat 7/16" x 1.0" x 5/64" ZN
14	023060P	2	2	Nut, Lock 3/8"-16 GrA Hex
15	023620P	-	10	Washer, Lock 5/16" ZN
16	023630P	-	10	Nut, Hex 5/16"-18 Gr5 ZN
17	035200P	2	2	Ring, Snap 1-1/8"
18	038380P	4	8	Spacer, 3/8" x 1/2" x 5/16"
19	046060P	1	2	Ring, Swivel
20	046130P	2	4	Bracket, Swivel Ring Attachment
21	108850P	2	2	Bearing, SOD 1-1/8" Spring
22	115590P	2	2	Zerk, 1/4"-28 Taper Dr. Thread
23	-	-	-	-
24	188340P	2	2	Clamp Weldment, Heavy Swivel
25	366890P00	1	1	Tube Weldment, 29" Vertical
26	366910P00	-	1	Tube Weldment, 16" Vertical (45" Dischrge Only)
27	206310P	1	-	Auger Weldment, Discharge (29" Vertical)
27	158840P	-	1	Auger, Weldment, Discharge (45" Vertical)
28	170530P	6	6	Bolt, Carriage 3/8-16 x 1 Gr5 ZN SSN

DISCHARGE ASSEMBLY

DISCHARGE, 105 BU. INNER ELBOW,
DISCHARGE, 150 BU. INNER ELBOW,
& DISCHARGE, 105/150 BU. OUTER ELBOW & TUBE



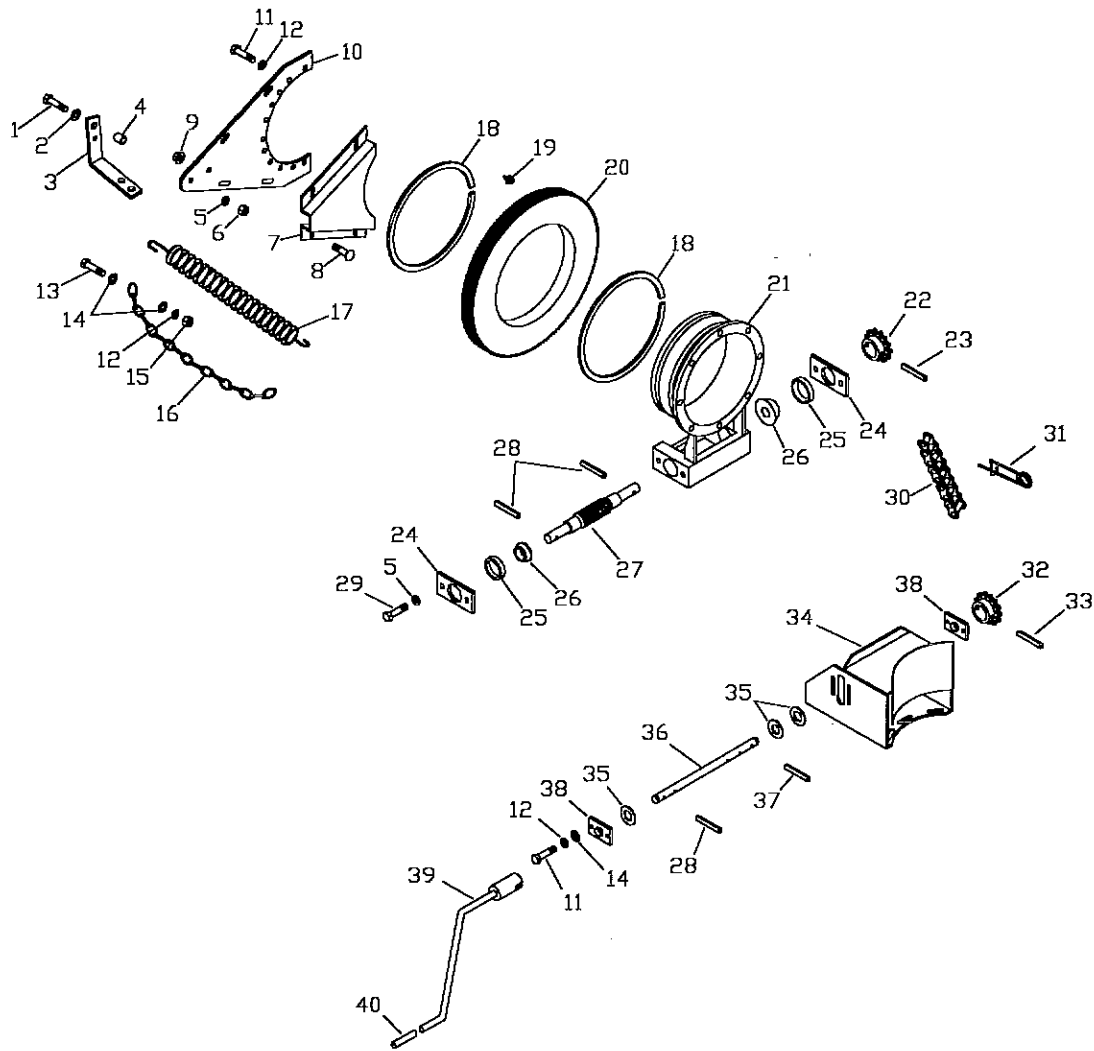
DISCHARGE ASSEMBLY

DISCHARGE, 105 INNER ELBOW, DISCHARGE, 150 INNER ELBOW, & DISCHARGE, 105/150 OUTER ELBOW & TUBE

ITEM	PART NUMBER	QTY		DESCRIPTION
		105 bu.	150 bu.	
1	I120394P	4	4	Washer, Flat 13/32" x 13/16" x 3/64" ZN
2	009790P	2	2	Nut, Wing 5/16"-18 Type A ZN
3	012140P	22	22	Bolt, HHCS 5/16"-18 x 3/4" Gr5 ZN
4	012520P00	2	2	Door, Cleanout
5	019150P	4	4	Flange, 1-1/8" Bearing 3 Bolt Round
6	020180P	8	8	Nut, Lock 3/8"-16 Gr5 ZN Hex
7	020580P	2	2	Gear, Bevel 14T 1-1/8" Bore
8	020650P	4	4	Washer, Flat 1-9/64" x 1-5/8" x 9/64"
9	020750P	3	3	Washer, Flat 1-9/64" x 1-41/64" x 7/64"
10	020760P	1	1	Key, SQ 5/16" x 1-1/8"
11	021180P	2	2	Washer, Lock 3/8" ZN
12	022420P	2	2	Bolt, HHCS 3/8"-16 x 3/4" Gr5 ZN
13	022920P	6	6	Washer, Flat 3/8" x 7/8" x 5/64" ZN
14	023620P	20	20	Washer, Lock 5/16" ZN
15	023630P	10	10	Nut, Hex 5/16"-18 Gr5 ZN
16	035200P	2	2	Ring, Snap 1-1/8"
17	040960P	1	1	Auger Weldment, 118.5"
18	108850P	3	3	Bearing, SOD 1-1/8" Spring
19	132871P00	1	1	Elbow Assembly, Light
20	152100P	1	1	Hood Assembly, Discharge Auger
21	040850P	1	-	Auger Weldment, Cross 105
21	158560P	-	1	Auger Weldment, Cross 150
22	170530P	8	8	Bolt, Carriage 3/8"-16 x 1.0" Gr5 ZN
23	185900P	2	2	Strip, Seal Discharge C.O.
24	205990P00	1	1	Tube Weldment, 8" x 103" x 16 GA.
25	366820P00	1	-	Elbow Weldment, 105 Inner
25	366810P00	-	1	Elbow Weldment, 150 Inner
26	366830P00	1	1	Cover, Gear
27	366860P	1	1	Anchor Weldment, Bearing
28	379250P	1	1	Bracket, 150 Bolt On Extension
29	005360P	1	1	Nut, Hex 1/2
30	005370P	1	1	Washer, Lock 1/2
31	043480P00	1	1	Holder, Unloading Auger
32	005390P	1	1	Bolt, Carriage 1/2 x 1

MECHANICAL RING & WORM ASSEMBLY - 367290

SHOWS ASSEMBLY FOR PM20 & PM30



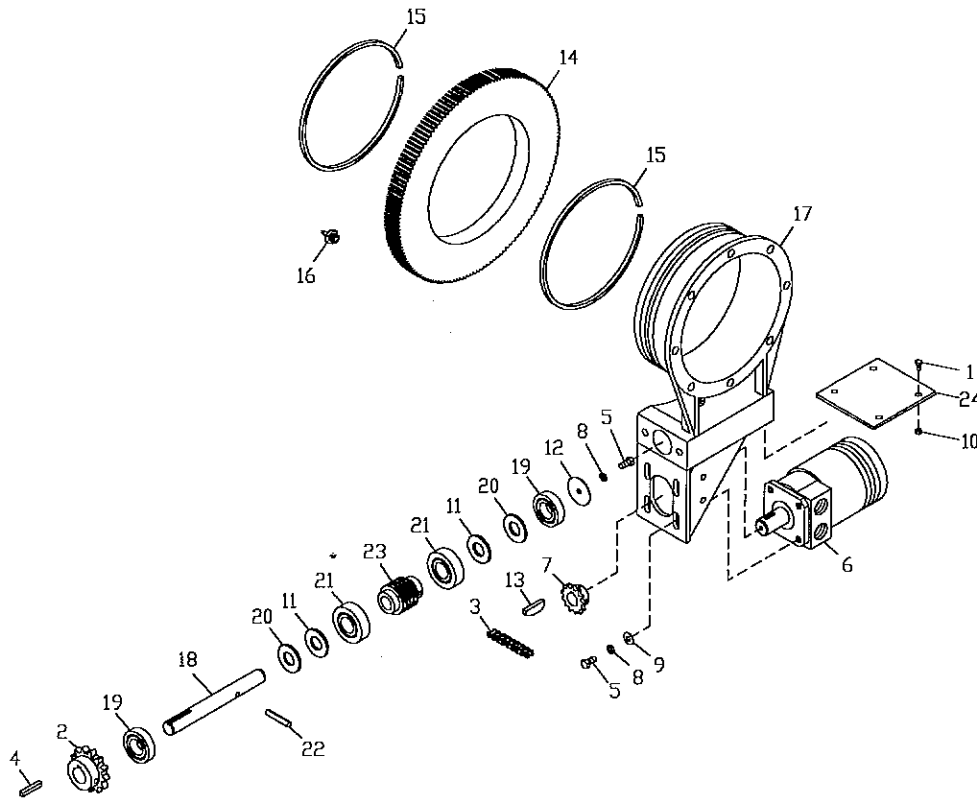
MECHANICAL RING & WORM ASSEMBLY - 367290

SHOWS ASSEMBLY FOR PM20 & PM30

ITEM	PART NUMBER	QTY	DESCRIPTION
1	012260P	1	Bolt, HHCS 3/8"-16 x 1"
2	021190P	1	Washer, Flat 3/8"
3	213310P	1	Bracket, Lift Assist Spring
4	033460P	1	Spacer, 3/8" x 9/32"
5	021180P	5	Washer, Lock 3/8"
6	027260P	1	Nut, Hex 3/8"-16
7	214140P00	1	Channel, Lever Brace
8	254060P	4	Bolt, Carriage 5/16"-18 x 1"
9	020190P	4	Nut, Lock 5/16"-18 x 1" Hex Flange
10	113560P00	1	Lever, Lift
11	012140P	10	Bolt, HHCS 5/16"-18 x 3/4"
12	023620P	11	Washer, Lock 5/16"
13	005900P	2	Bolt, HHCS 5/16"-18 x 1"
14	022920P	7	Washer, Flat 5/16"
15	023630P	2	Nut, Hex 5/16"-18
16	213430P	1	Chain, 2/0 Safety
17	145590P	1	Spring, Extension
18	104360P	2	Ring, Retaining
19	115590P	2	Zerk, 1/4"-28
20	126230P	1	Gear, Ring w/10 Holes
21	206440P	1	Ring & Worm Holder
22	206390P	1	Sprocket, 40B18 3/4" Bore
23	013600P	1	Pin, Expansion 1/4" x 2"
24	206470 20	2	Plate, Holder
25	252720P	2	Cup, Bearing
26	1758902P	2	Cone, Bearing 3/4" Bore
27	206430P	1	Worm & Shaft
28	012550P	3	Pin, Expansion 1/4" x 1-1/4"
29	011370P	4	Bolt, HHCS 3/8"-16 x 1-1/2"
30	213530P	1	Chain, Roller #40 x 144 Pitches
31	140820P	1	Pin, Safety 1/8" x 4-3/8"
32	113520P	1	Sprocket, 40B9 5/8" Bore
33	991100P	1	Pin, Expansion 3/16" x 1-1/4"
34	371760P00	1	Bracket Weldment, Lift Assist - PM20
34	371770P00	1	Bracket Weldment, Lift Assist - PM30
35	035190P	3	Washer, Flat 5/8"
36	213340P	1	Shaft, Lift Assist Crank
37	012560P	1	Pin, Expansion 3/16" x 1"
38	114060P	2	Plate Assembly, Adjustment
39	012500P00	1	Crank Weldment
40	020640P	1	Grip, Plastic

HYDRAULIC RING & WORM ASSEMBLY - 133310

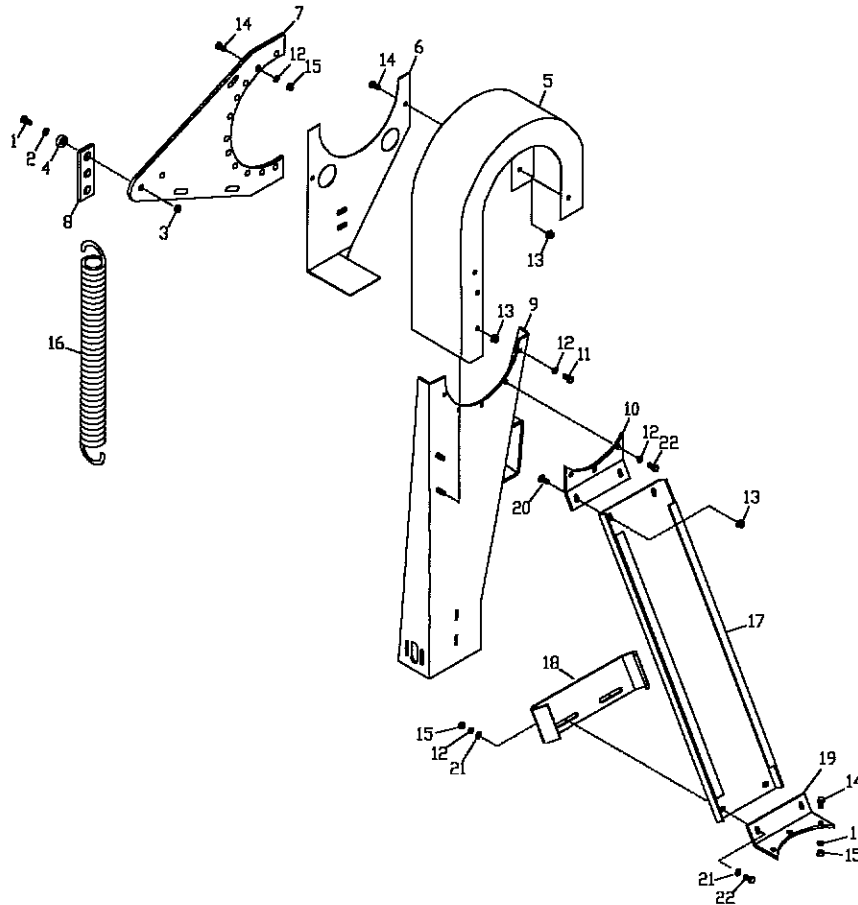
SHOWS ASSEMBLY FOR PM20 & PM30



ITEM	PART NUMBER	QTY	DESCRIPTION
1	012051P	4	Bolt, HHCS 3/8"-20 x 3/4"Gr5 ZN
2	006630P	1	Sprocket, 40B18
3	006850P	1	Chain, #40 Roller 30P INC
4	011500P	1	Key, SQ 1/4" x 1-1/2"
5	012260P	4	Bolt, HHCS 3/8"-16 x 1" Gr5 ZN
6	014280P	1	Motor, Hydraulic 12 Cu. In. DISPL
7	014940P	1	Sprocket, 40B13 1" ID
8	021180P	4	Washer, Lock 3/8" ZN
9	021190P	4	Washer, Flat 7/16" x 1" x 5/64" ZN
	1803409P	1	Gear, Ring & Worm Assy Hyd. (Less Motor, Chain, Sprkt)
10	023270P	4	Nut, Lock 1/4"-10 Hex-Whiz NC Gr5 ZN
11	003370P	2	Washer, Flat 1-1/32" x 1-1/2" x 3/64"
12	012270P	1	Washer, Flat 13/32" x 1-3/4" x 9/64" Plain
13	006180P	1	Key, Woodruff 1/4" x 1" PLN
14	145450P	1	Ring Gear
15	104360P	1	Ring, Retaining
16	115590P	2	Zerk, 1/4"-28 Taper Self Tapping Straight
17	133850P	1	Ring & Worm Holder Weldment, Hydraulic
18	1802909P	1	Shaft, Worm Hydraulic
19	169730P	2	Bearing, Ball.
20	042180P	2	Washer, Flat 1-1/64" x 2-1/4" x 3/16"
21	1803301P	2	Bearing, Thrust 1"
22	1802801P	1	Pin, Spring 5/16" x 1-3/4" Coiled
23	1803204P	1	Gear, Worm 1" id H/T
24	113070P	1	Plate, Oil

HYDRAULIC LIFT ASSIST & SHIELDS - 367280

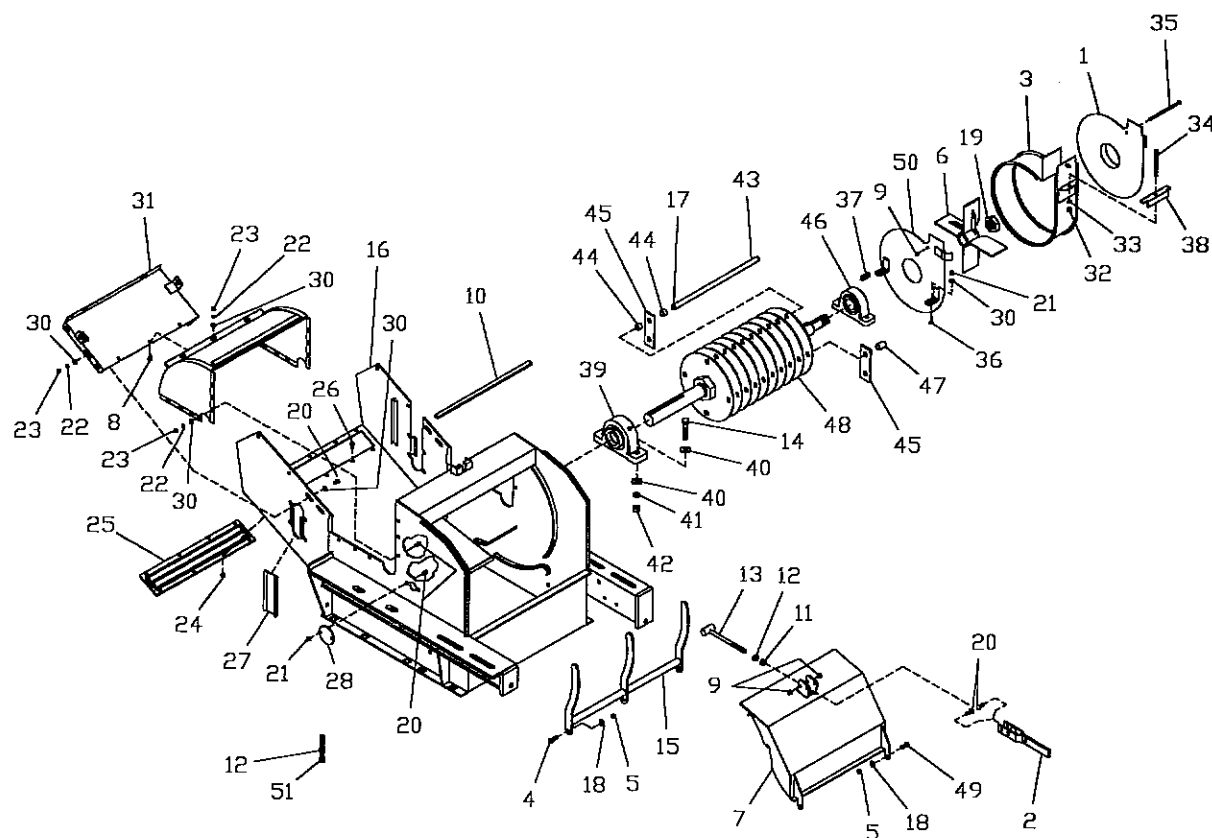
SHOWS ASSEMBLY FOR PM20 & PM30



ITEM	PART NUMBER	QTY	DESCRIPTION
1	012260P	1	Bolt, HHCS 3/8"-16 x 1" Gr5 ZN
2	021190P	1	Washer, Flat 7/16" x 1" x 5/64" ZN
3	023060P	1	Nut, Hex 3/8"-16 Lock DSTHD Gr2
4	033460P	1	Spacer, 3/8" ID x 9/32" LG
5	043221P00	1	Shield Weldment, Ring & Worm w/o Decal
6	043230P00	1	Shield Weldment, Lower
7	113560P00	1	Lever, Lift
8	145580P	1	Bracket, Spring Holding
9	147530P00	1	Vertical Arm Assembly
10	248150P	1	Bracket, Top Brace - 29"
10	371890P	1	Bracket, Top Brace - 45"
11	005900P	2	Bolt, HHCS 5/16"-18 x 1.0" Gr5 ZN
12	023620P	14	Washer, Lock 5/16" ZN
13	020190P	4	Nut, Lock 5/16"-18 Flange Gr5 ZN
14	012140P	10	Bolt, HHCS 5/16"-18 x 3/4" Gr5 ZN
15	023630P	10	Nut, Hex 5/16" -18 Gr5 ZN
16	145590P	1	Spring, Extension
17	371910P00	1	Channel, Brace - 29" Discharge
17	371920P00	1	Channel, Brace - 45" Discharge
18	371930P	1	Stop, Swing
19	248140P	1	Bracket, Brace Bottom - 29" Discharge
19	371900P	1	Bracket, Brace Bottom - 45" Discharge
20	012410P	2	Bolt Carriage 5/16"-18 x 3/4"
21	022920P	4	Washer, Flat 5/16"
22	030030P	5	Bolt, HHCS 5/16"-18 x 1-1/4"

20" HAMMERMILL ASSEMBLY - 362380

SHOWS ASSEMBLY FOR PM20 & PM 30



ITEM	PART NUMBER	QTY	DESCRIPTION
1	170990P00	1	Plate Weldment, Rear Side
2	151920P	1	Locking Weldment, Handle
3	171000P00	1	Wrapper Weldment, Fan Housing
4	012260P	2	Bolt, HHCS 3/8"-16 x 1.0" Gr5 ZN
5	023060P	4	Nut, Lock 3/8"-16 Disthread GrA
6	013520P	1	Fan, A37 Blower
7	362670P00	1	Door Weldment, 20" HammerMill
8	012410P	5	Bolt, Carriage 5/16"-18 x 3/4" Gr5 ZN
9	025670P	3	Nut, Lock 5/16"-18 Hex Disthrd ZN
10	145470P	1	Strip, Lower Sealing
11	127890P	1	Nut, Lock 1/2"-13 Disthrd GrA CAD
12	005360P	4	Nut, Hex 1/2"-13 Gr5 ZN
13	127860P	1	T-Bar Weldment
14	023110P	4	Bolt, HHCS 5/8"-11 x 2.50" Gr5 ZN
15	362720P	1	Support Weldment, 20" Screen
16	362580P00	1	Housing Weldment, 20" HammerMill
17	012550P	8	Pin, Expansion 1/4" x 1.25" ZN
18	021190P	4	Washer, Flat 7/16" x 1.0" x 5/64" ZN
19	013530P	1	Nut, Jam 1-1/2"-12 Hex Gr5 PLN
20	012140P	22	Bolt, HHCS 5/16"-18 x 3/4" Gr5 ZN

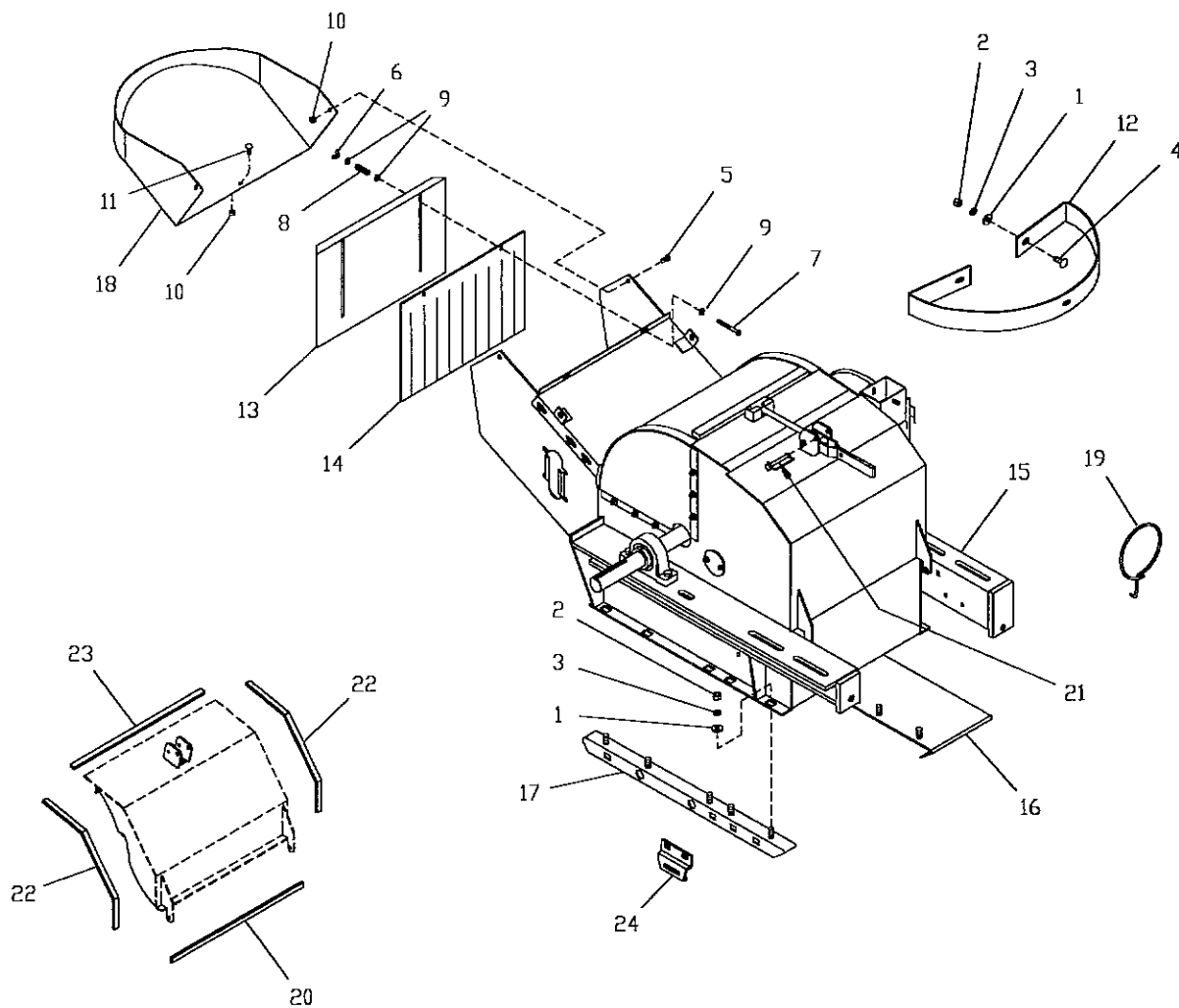
20" HAMMERMILL ASSEMBLY - 362380

SHOWS ASSEMBLY FOR PM20 & PM 30

ITEM	PART NUMBER	QTY	DESCRIPTION
21	020190P	4	Nut, Lock 5/16"-18 Hex Flange Gr5 ZN
22	023620P	18	Washer, Lock 5/16" ZN
23	023630P	19	Nut, Hex 5/16"-18 Gr5 ZN
24	023270P	8	Nut, Lock 1/4"-20 Hex Flange Gr5 ZN
25	009740P	1	Magnet, #4
26	035230P	8	Screw, THMS 1/4"-20 x 3/4" Gr2 ZN Slotted
27	013360P	2	Slide Weldment
28	012920P	1	Plate
29	362760P00	1	Hood Weldment, 20" Hammermill
30	022920P	24	Washer, Flat 3/8" x 7/8" x 5/64" ZN
31	009820P00	1	Cover, Throat Weldment
32	027260P	1	Nut, Hex 3/8"-16 Gr5 ZN
33	021180P	1	Washer, Lock 3/8" ZN
34	990870P	1	Bolt, HHCS 3/8"-16 x 3-1/2" Gr5 ZN
35	012820P	1	Bolt, HHCS 5/16"-18 x 5.0" Gr5 ZN
36	1111267P	2	Bolt, Carriage 5/16"-18 x 1-1/4" Gr5 ZN
37	013510P	1	Key, SQ 3/8" x 1-1/4"
38	170970P	1	Clamp, Pull Down
39	013950P	1	Bearing, PB 2.0 Dbl Row with Lock Collar
40	127920P	8	Washer, Flat 21/32" x 1-3/8" x 11/64" PLN
41	020440P	4	Washer, Lock 5/8" Reg. ZN
42	020450P	4	Nut, Hex 5/8"-11 Gr2 ZN
43	013470P	4	Pin, HammerMill 3/4" x 18-3/16"
44	013480P	36	Spacer, Pipe 39/64 / 41/64 Long Split
45	013501P	36	Hammer, Single
46	013420P	1	Bearing, PB 2.0" with Lock Collar
47	013490P	18	Spacer, Pipe 1-15/64 / 1-17/64 Long Split
48	020570P	1	Rotor Assy, 20" HammerMill
49	170530P	1	Bolt, Carriage 3/8"-16 x 1.0" Gr5 ZN
50	170980P00	1	Plate Weldment, Front Side
51	034650P	3	Bolt, HHCS 1/2"-13 x 3-1/2" Gr5
52	398230P	-	Sealant, Clear 10 oz. Tube

20" THROAT ASSEMBLY - 363170

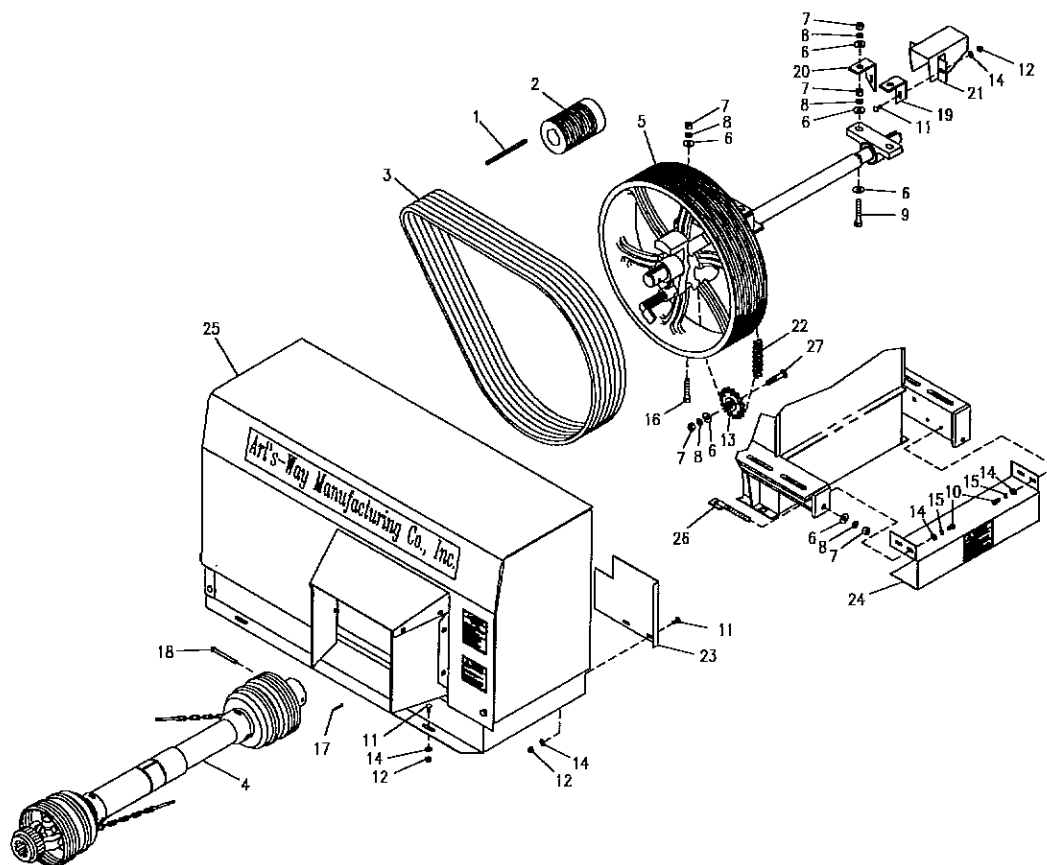
SHOWS ASSEMBLY FOR PM20 & PM30



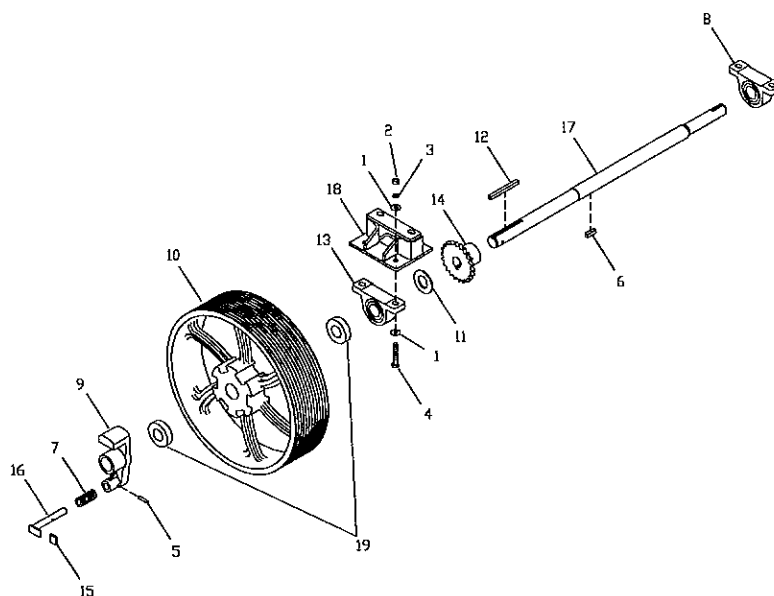
20" THROAT ASSEMBLY - 363170

ITEM	PART NUMBER	QTY	DESCRIPTION
1	005200P	12	Washer, Flat 9/16" x 1-3/8" x 7/64" ZN
2	005360P	12	Nut, Hex 1/2"-13 Gr5 ZN
3	005370P	12	Washer, Lock 1/2" ZN
4	005390P	2	Bolt, Carriage 1/2" -13 x 1.0" Gr5 ZN
5	006880P	2	Bolt, HHCS 5/16"-18 x 5/8" Gr5 ZN
6	009790P	2	Nut, Wing 5/16"-18 Type A ZN
7	009800P	2	Bolt, HHCS 5/16"-18 x 2-1/2" Gr5 ZN
8	013080P	2	Spring, Compression 12 Ga. x 5/8" x 1-7/8"
9	022920P	6	Washer, Flat 3/8" x 7/8" x 5/64" ZN
10	020190P	3	Nut, Lock 5/16"-18 Hex Flange Gr5 ZN
11	035290P	1	Bolt, Carriage 5/16"-18 x 5/8" Gr2 ZN
12	037880P	1	Rack
13	205310P00	1	Plate, Feed Grate Large
14	205320P	1	Flap, Throat
15	362380P00	1	HammerMill Assembly, 20"
16	362800P	1	Angle Weldment, 20" Rear
17	362840P	1	Angle Weldment, Front
18	366630P00	1	Basket Weldment, 20"
19	013120P	1	Hook, Screen
20	145460P	1	Strip, Sealing
21	143710P	1	Pin, Snapper 3/8" x 2-1/2" ZN
22	213900P	2	Strip, Sealing 1/4" x 5/8" x 20.0"
23	145470P	1	Strip, Lower Sealing
24	362570P	1	Bracket, Idler

540 RPM DRIVE, 20" HAMMERMILL - 364950 SHOWS ASSEMBLY FOR PM20 & PM30



JACKSHAFT ASSEMBLY, 540 RPM 20" HAMMERMILL - 364200



540 RPM DRIVE, 20" HAMMERMILL - 364950

SHOWS ASSEMBLY FOR PM20 & PM30

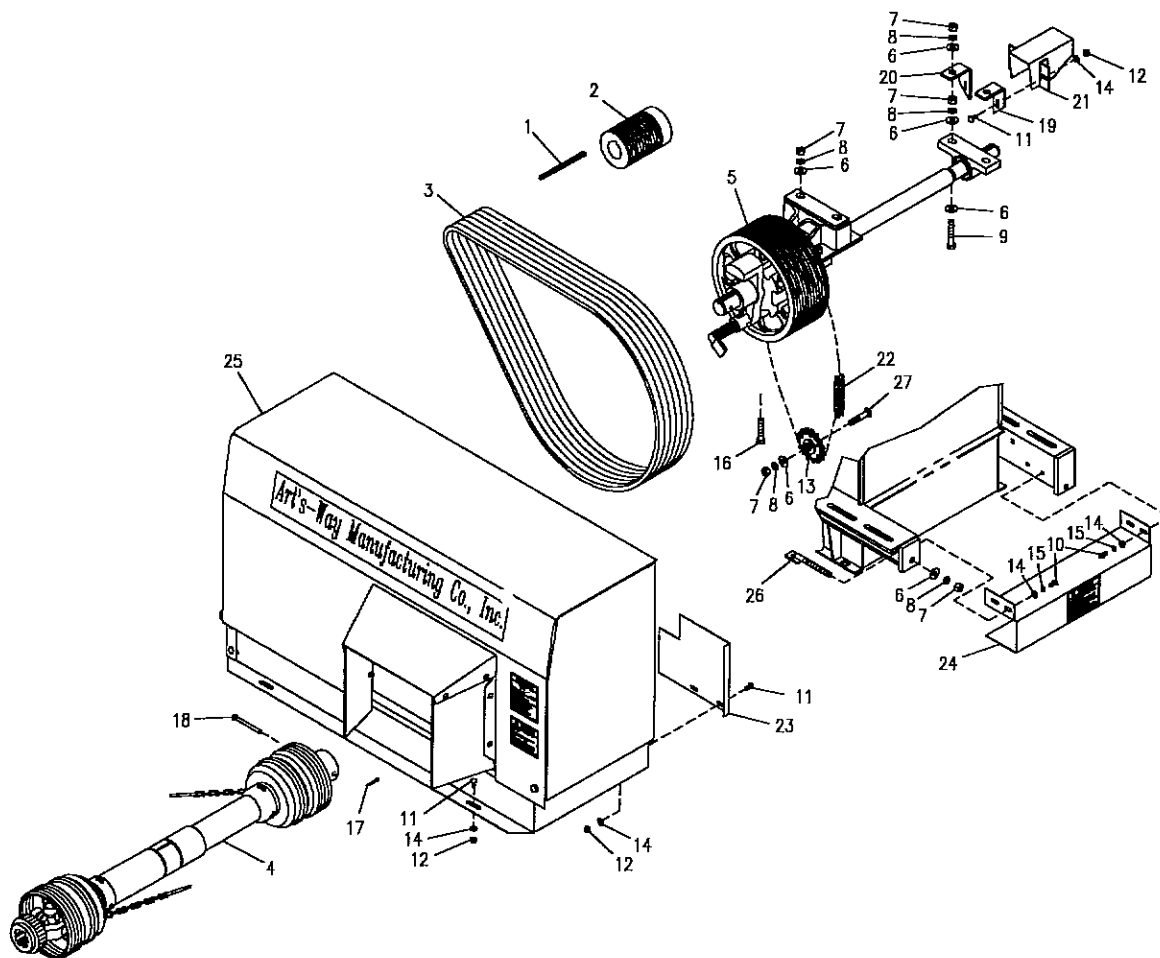
ITEM	PART NUMBER	QTY	DESCRIPTION
1	110390P	1	Key, Standard Tapered
2	165500P	1	Pulley, 12 Groove
3	172600P	1	Belt, 2/3V850 Set of 6
4	354640P	1	IID Assembly, 540 1-3/8"-6B (See Page 1)
5	364200P	1	Jackshaft Assembly, 540 20" HammerMill (See below)
6	005200P	11	Washer, Flat 9/16" x 1-3/8" x 7/64" ZN
7	005360P	11	Nut, Hex 1/2"-13 Gr5 ZN
8	005370P	7	Washer, Lock 1/2" ZN
9	007080P	2	Bolt, HHCS 1/2"-13 x 2-1/2" Gr5 ZN
10	012140P	4	Bolt, HHCS 5/16"-18 x 3/4" Gr5 ZN
11	012410P	4	Bolt, Carriage 5/16"-18 x 3/4" SSN Gr5 ZN
12	020190P	4	Nut, Lock 5/16"-18 Hex Flange Gr5 ZN
13	021840P	1	Sprocket, Idler 60A15 w/Bearing
14	022920P	8	Washer, Flat 3/8" x 7/8" x 5/64" ZN
15	023620P	4	Washer, Lock 5/16" ZN
16	023950P	4	Bolt, HHCS 1/2"-13 x 2.0"Gr5 ZN
17	034360P	1	Pin, Cotter 1/8" x 1" ZN
18	036480P	1	Pin, Clevis 5/16" x 3" ZN
19	165600P	1	Bracket, Shield Jackshaft Right
20	165610P	1	Bracket, Shield Jackshaft Left
21	165660P	1	Shield Weldment, Jackshaft Extension
22	172680P	1	Chain Assembly, #60H Roller 73P
23	365270P00	1	Shield, Back
24	365810P00	1	Shield, Jackshaft 20" Mill
25	365850P00	1	Shield Assembly, Main
26	376540P	1	Drawbolt Weldment
27	991200P	1	Bolt, Carriage 1/2"-13 x 2" Gr5 ZN

JACKSHAFT ASSEMBLY, 540 RPM 20" HAMMERMILL - 364200

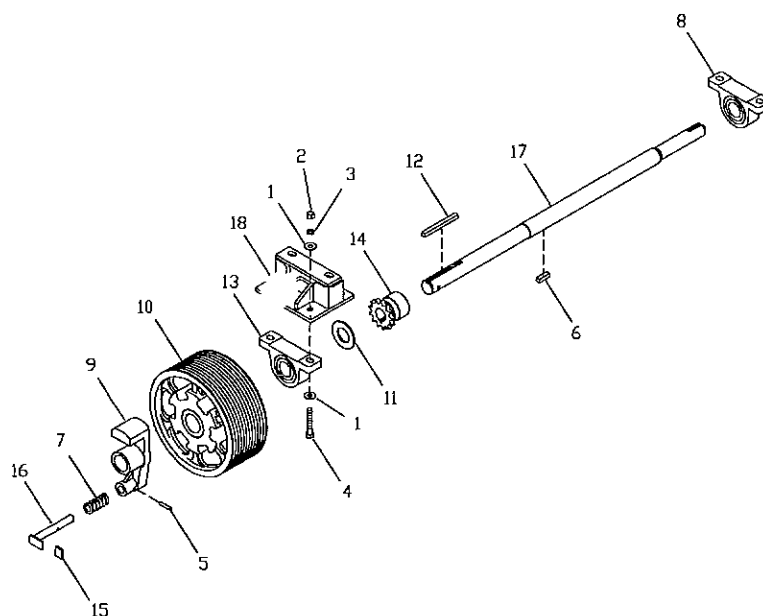
ITEM	PART NUMBER	QTY	DESCRIPTION
1	005200P	4	Washer, Flat 9/16" x 1-3/8" x 7/64" ZN
2	005360P	2	Nut, Hex 1/2"-13 Gr5 ZN
3	005370P	2	Washer, Lock 1/2" ZN
4	007080P	2	Bolt, HHCS 1/2"-13 x 2-1/2" Gr5 ZN
5	012550P	1	Pin, Expansion .25" x 1.25" ZN
6	013510P	1	Key, SQ. 3/8" x 1-1/4"
7	013580P	1	Spring, Compression Drive Clutch
8	013670P	1	Bearing, PB 1-7/16" with Lock Collar
9	038600P	1	Clutch, A46 Casting 1-5/8"
10	016750P	1	Pulley, 22.6" 12 Groove Bal with Bearing
11	126940P	2	Washer, Flat 1-5/8" x 2.0" x 9/64"
12	151280P	1	Key, SQ. 3/8" x 5.0"
13	165480P	1	Bearing, SOD1-5/8" with Lock Collar
14	172620P	1	Sprocket, 60B22
15	205430P	1	Grip, Handle Red 1/8" x 1.0" x 1.0"
16	241570P	1	Pin Weldment, Locking
17	364240P	1	Jackshaft, 20" HammerMill
18	364430P	1	Support Weldment, Bearing
19	013930P	2	Bearing, 1-5/8" Bore

1000 RPM DRIVE, 20" HAMMERMILL - 365030

SHOWS ASSEMBLY FOR PM20 & PM30



JACKSHAFT ASSEMBLY, 1000 RPM 20" HAMMERMILL - 364220



1000 RPM DRIVE, 20" HAMMERMILL - 365030

SHOWS ASSEMBLY FOR PM20 & PM30

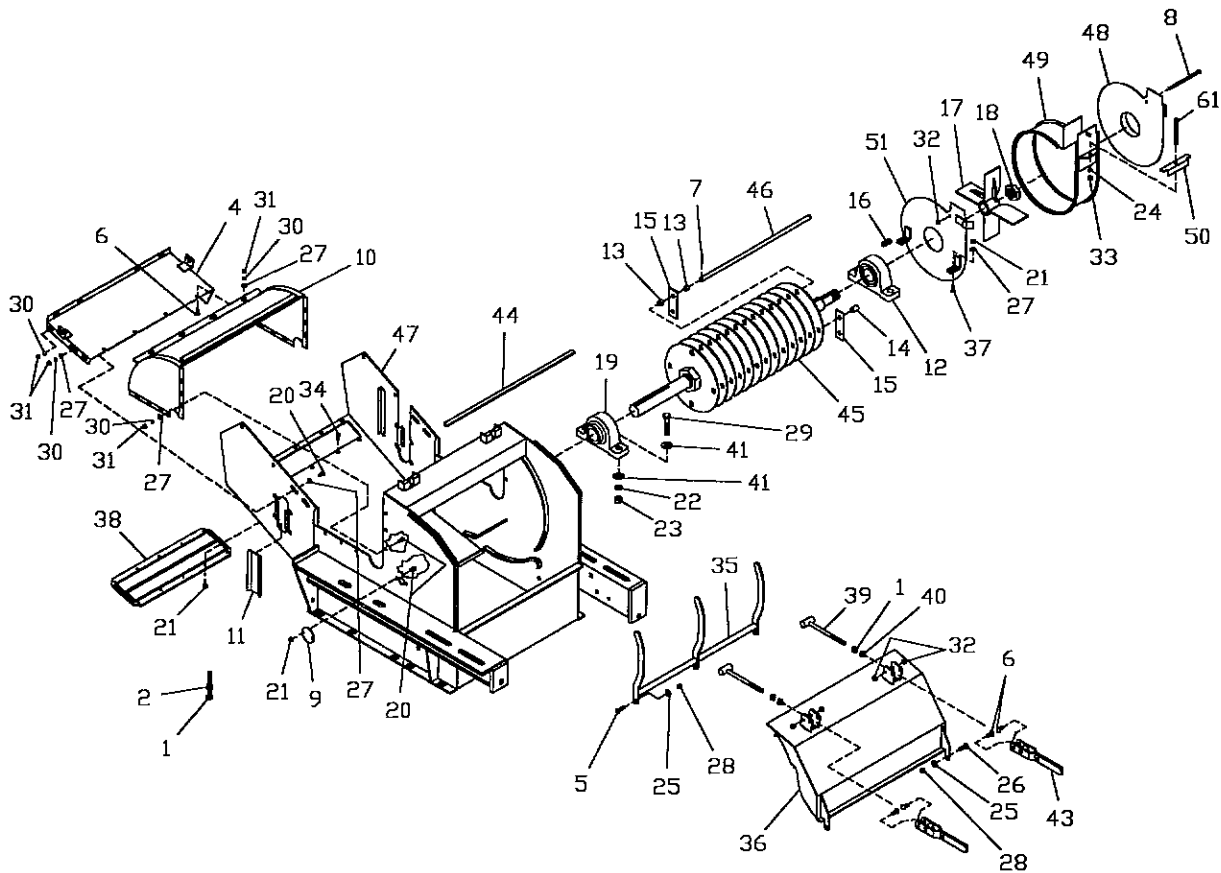
ITEM	PART NUMBER	QTY	DESCRIPTION
1	110390P	1	Key, Standard Tapered
2	165500P	1	Pulley, 12 Groove
3	159070P	1	Belt, 2/3V670 Set of 6
4	354670P	1	IID Assembly, 1000 1-3/8"-21 (See Page 2)
5	364220P	1	Jackshaft Assembly, 1000 20" HammerMill (See below)
6	005200P	11	Washer, Flat 9/16" x 1-3/8" x 7/64" ZN
7	005360P	11	Nut, Hex 1/2"-13 Gr5 ZN
8	005370P	7	Washer, Lock 1/2" ZN
9	007080P	2	Bolt, HHCS 1/2"-13 x 2-1/2" Gr5 ZN
10	012140P	4	Bolt, HHCS 5/16"-18 x 3/4" Gr5 ZN
11	012410P	4	Bolt, Carriage 5/16"-18 x 3/4" SSN Gr5 ZN
12	020190P	4	Nut, Lock 5/16"-18 Hex Flange Gr5 Zn
13	021840P	1	Sprocket, Idler 60A15 w/Bearing
14	022920P	8	Washer, Flat 3/8" x 7/8" x 5/64" ZN
15	023620P	4	Washer, Lock 5/16" ZN
16	023950P	4	Bolt, HHCS 1/2"-13 x 2.0" Gr5 ZN
17	034360P	1	Pin, Cotter 1/8" x 1.0" ZN
18	036480P	1	Pin, Clevis 5/16" x 3.0" ZN
19	165600P	1	Bracket, Shield Jackshaft Right
20	165610P	1	Bracket, Shield Jackshaft Left
21	165660P	1	Shield Weldment, Jackshaft Extension
22	159100P	1	Chain Assembly, #60H Roller 69P
23	365270P00	1	Shield, Back
24	365810P00	1	Shield, Jackshaft 20" Mill
25	365850P00	1	Shield Assembly, Main
26	376540P	1	Drawbolt Weldment
27	991200P	1	Bolt, Carriage 1/2"-13 x 2.0" Gr5 ZN

JACKSHAFT ASSEMBLY, 1000 RPM 20" HAMMERMILL - 364220

ITEM	PART NUMBER	QTY	DESCRIPTION
1	005200P	4	Washer, Flat 9/16" x 1-3/8" x 7/64" ZN
2	005360P	2	Nut, Hex 1/2"-13 Gr5 ZN
3	005370P	2	Washer, Lock 1/2" ZN
4	007080P	2	Bolt, HHCS 1/2"-13 x 2-1/2" Gr5 ZN
5	012550P	1	Pin, Expansion 1/4" x 1-1/4" ZN
6	013510P	1	Key, SQ. 3/8" x 1-1/4"
7	013580P	1	Spring, Compression Drive Clutch
8	013670P	1	Bearing, PB 1-7/16" with Lock Collar
9	038600P	1	Clutch, A46 Casting 1-5/8"
10	013870P	1	Pulley Weldment, 12.3" 12 Groove Bal. with Bearing
11	126940P	2	Washer, Flat 1-5/8" x 2.0" x 9/64"
12	151280P	1	Key, SQ. 3/8" x 5.0"
13	165480P	1	Bearing, SOD 1-5/8" with Lock Collar
14	165650P	1	Sprocket, 60B13
15	205430P	1	Grip, Handle Red 1/8" x 1.0" x 1.0"
16	241570P	1	Pin Weldment, Locking
17	364240P	1	Jackshaft, 20" HammerMill
18	364430P	1	Support Weldment, Bearing
19	013930P	2	Bearing, 1-5/8" Bore

26" HAMMERMILL ASSEMBLY - 362370

SHOWS ASSEMBLY FOR PM20 & PM30



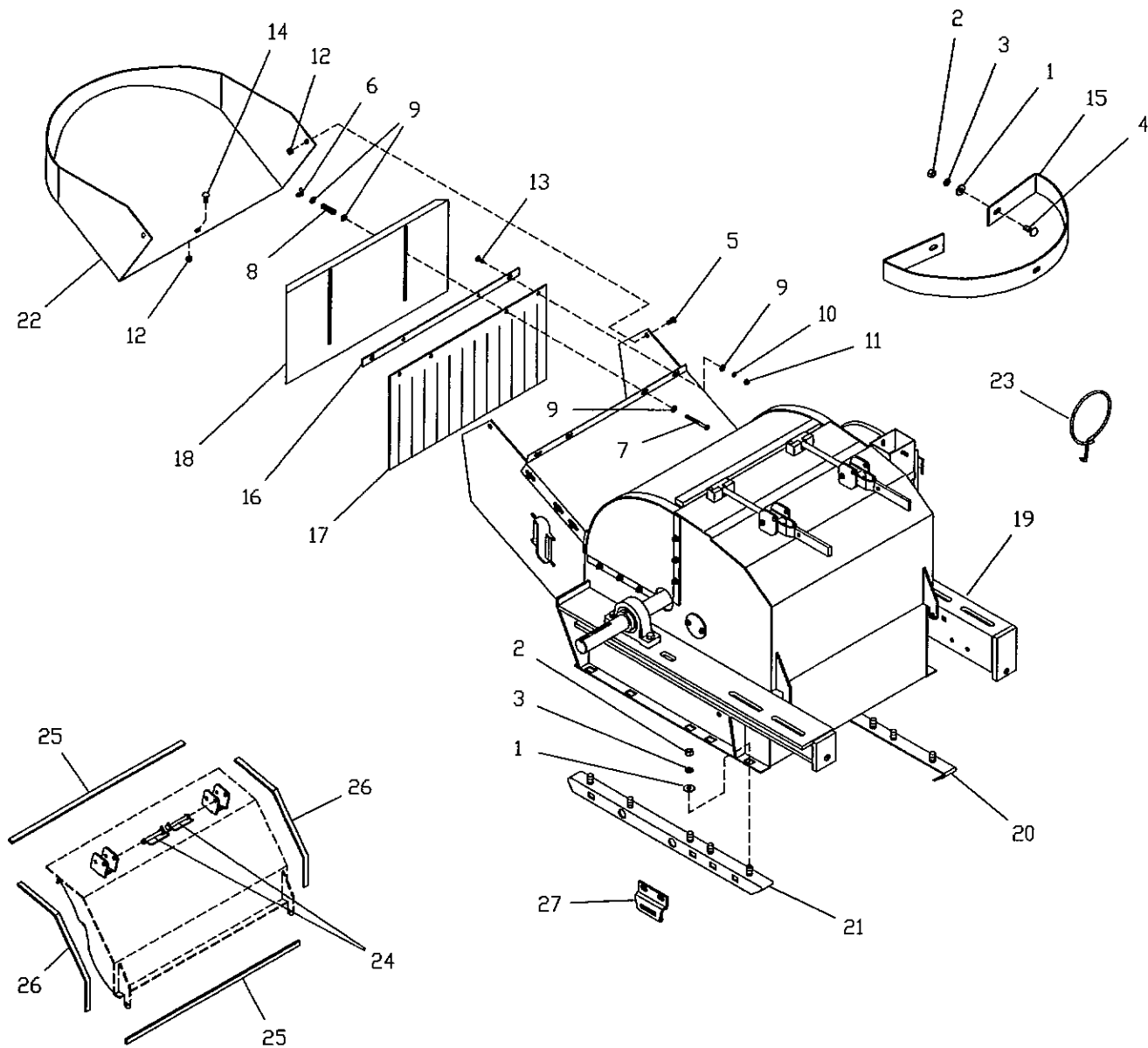
ITEM	PART NUMBER	QTY	DESCRIPTION
1	005360P	4	Nut, Hex 1/2"-13 Gr5 ZN
2	034650P	4	Bolt, Threaded 1/2"-13 x 3-1/2" Full Gr5
3	990870P	1	Bolt, HHCS 3/8"-16 x 3-1/2" Gr5 ZN
4	362770P00	1	Cover Weldment, 26" Throat
5	012260P	2	Bolt, HHCS 3/8"-16 x 1.0" Gr5 ZN
6	012410P	8	Bolt, Carriage 5/16"-18 x 3/4" Gr5 ZN
7	012550P	8	Pin, Expansion 1/4" x 1-1/4"ZN
8	012820P	1	Bolt, HHCS 5/16"-18 x 5.0" Gr5 ZN
9	012920P	1	Plate
10	362730P00	1	Hood Weldment, 26"
11	013360P	2	Slide Weldment.
12	013420P	1	Bearing, PB 2.0" with Lock Collar
13	013480P	48	Spacer, Split Pipe
14	013490P	24	Spacer, Split Pipe
15	013501P	48	Hammer, Single
16	013510P	1	Key, SQ. 3/8" x 1-1/4"
17	013520P	1	Fan, A37 Blower Machine
18	013530P	1	Nut, Jam 1-1/2"-12 Hex Plain Gr5

26" HAMMERMILL ASSEMBLY - 362370

SHOWS ASSEMBLY FOR PM20 & PM30

ITEM	PART NUMBER	QTY	DESCRIPTION
19	013950P	1	Bearing, PB 2.0" Double Row with Lock Collar
20	012140P	20	Bolt, HHCS 5/16"-18 x 3/4" Gr5 ZN
21	020190P	14	Nut, Lock 5/16"-18 Hex Flange Gr5 ZN
22	020440P	4	Washer, Lock 5/8" Regular ZN
23	020450P	4	Nut, Hex 5/8"-11 Gr2 ZN
24	021180P	1	Washer, Lock 3/8" ZN
25	021190P	4	Washer, Flat 7/16" x 1.0" x 5/64" ZN
26	170530P	1	Bolt, Carriage 3/8"-16 x 1.0" Gr5 ZN
27	022920P	26	Washer, Flat 3/8" x 7/8" x 5/64" ZN
28	023060P	4	Nut, Lock 3/8"-16 Disthrd GrA
29	023110P	4	Bolt, HHCS 5/8"-11 x 2-1/2" Gr5 ZN
30	023620P	22	Washer, Lock 5/16" ZN
31	023630P	22	Nut, Hex 5/16"-18 Gr5 ZN
32	025670P	5	Nut, Lock 5/16"-18 Hex Disthrd ZN
33	027260P	1	Nut, Hex 3/8"-16 Gr5 ZN
34	028230P	10	Screw, Threaded 5/16"-18 x 3/4" Gr2 ZN
35	362690P	1	Support Weldment, 26" Screen
36	362610P00	1	Door Weldment, 26" HammerMill
37	1111267P	2	Bolt, Carriage 5/16"-18 x 1-1/4" Gr5 ZN
38	113270P	1	Magnet, #4 24 Mill
39	127960P	2	Bar-T Weldment
40	127890P	2	Nut, Lock 1/2"-13 Disthd GrA CAD
41	127920P	8	Washer, Flat 21/32" x 1-3/8" x 3/16" PLN
42	398230P	1	Sealant, Clear 10 oz. Tube
43	151920P	2	Handle, Locking Weldment Sub Assembly
44	157670P	1	Sealing Strip, 500
45	157830P	1	Shaft Assembly, Rotor
46	157840P	4	Pin, HammerMill 3/4" x 23-1/2"
47	362390P00	1	Housing Weldment, 26" HammerMill
48	170990P00	1	Plate Weldment, Rear Side
49	171000P00	1	Wrapper Weldment, Fan Housing
50	170970P	1	Clamp, Pull Down
51	170980P00	1	Plate Weldment, Front Side

26" THROAT ASSEMBLY - 363180 **SHOWS ASSEMBLY FOR PM20 & PM30**



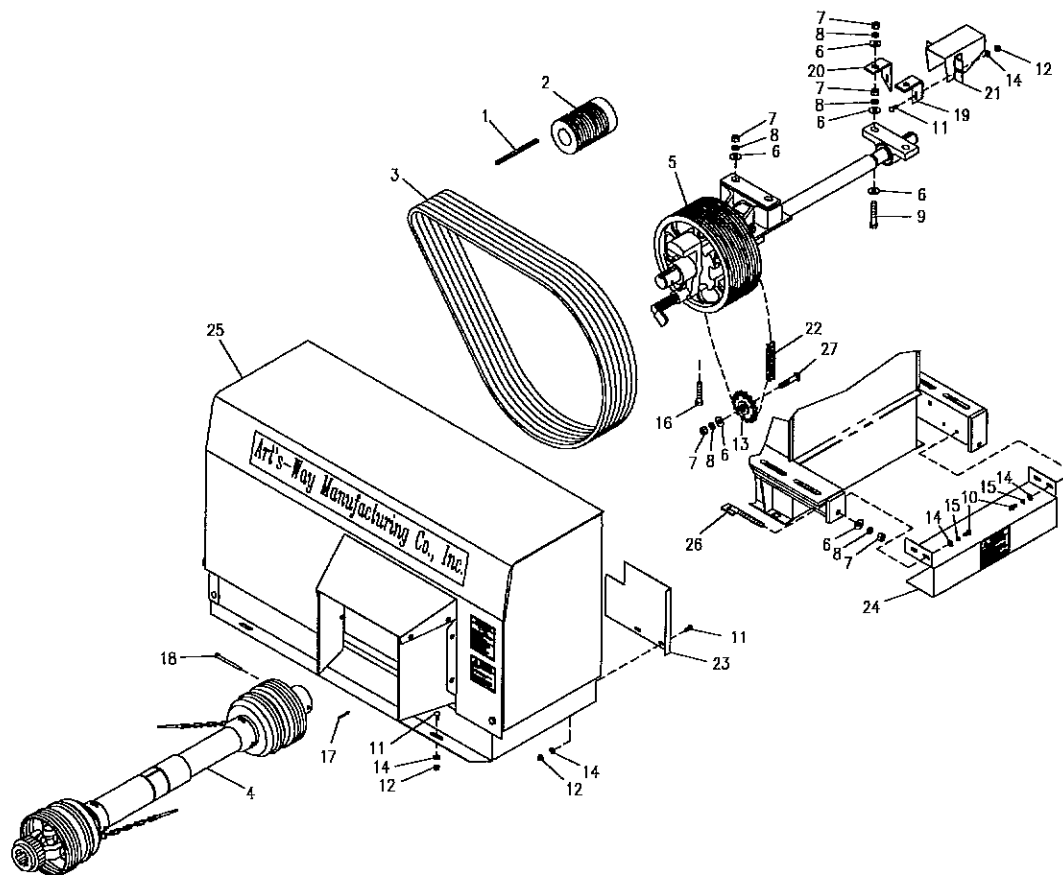
26" THROAT ASSEMBLY - 363180

SHOWS ASSEMBLY FOR PM20 & PM30

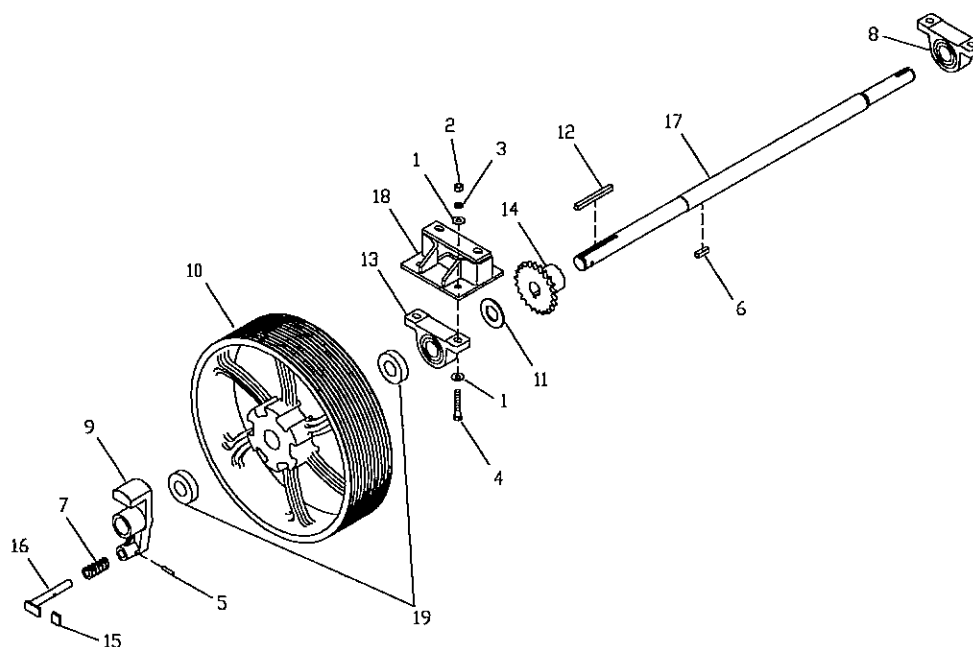
ITEM	PART NUMBER	QTY	DESCRIPTION
1	005200P	12	Washer, Flat 9/16" x 1-3/8" x 7/64" ZN
2	005360P	12	Nut, Hex 1/2"-13 Gr5 ZN
3	005370P	12	Washer, Lock 1/2" ZN
4	005390P	2	Bolt, Carriage 1/2"-13 x 1.0" SSN Gr5 ZN
5	006880P	2	Bolt, HHCS 5/16"-18 x 5/8" Gr5 ZN
6	009790P	2	Nut, Wing 5/16"-18 Type A ZN
7	009800P	2	Bolt, HHCS 5/16"-18 x 2-1/2" Gr5 ZN
8	013080P	2	Spring, Compression 12ga. x 5/8" x 1-7/8"
9	022920P	8	Washer, Flat 3/8" x 7/8" x 5/64" ZN
10	023620P	2	Washer, Lock 5/16" ZN
11	023630P	2	Nut, Hex 5/16"-18 Gr5 ZN
12	020190P	3	Nut, Lock 5/16"-18 Hex Flange Gr5 ZN
13	033080P	2	Screw, FHMS 5/16"-18 x 1.0" Gr2 ZN
14	035290P	1	Bolt, Carriage 5/16"-18 x 5/8" SSN Gr2 ZN
15	037880P	1	Rack
16	158960P	1	Strap, Throat
17	158970P	1	Flap, Throat
18	158980P00	1	Plate, Large Feed Grate
19	362370P00	1	HammerMill Assembly, 26"
20	362820P	1	Angle Weldment, 26" Rear
21	362840P	1	Angle Weldment, Front
22	366590P00	1	Basket Weldment, 26"
23	013120P	1	Hook, Screen
24	143710P	2	Pin, Snapper 3/8" x 2-1/2" ZN
25	157670P	2	Sealing, Strip 500
26	213900P	2	Strip, Sealing 1/4" x 5/8" x 20.0"
27	362570P	1	Bracket, Idler

540 RPM DRIVE, 26" HAMMERMILL - 364960

SHOWS ASSEMBLY FOR PM20 & PM30



JACKSHAFT ASSEMBLY, 540 RPM 26" HAMMERMILL - 364210



540 RPM DRIVE, 26" HAMMERMILL - 364960

SHOWS ASSEMBLY FOR PM20 & PM30

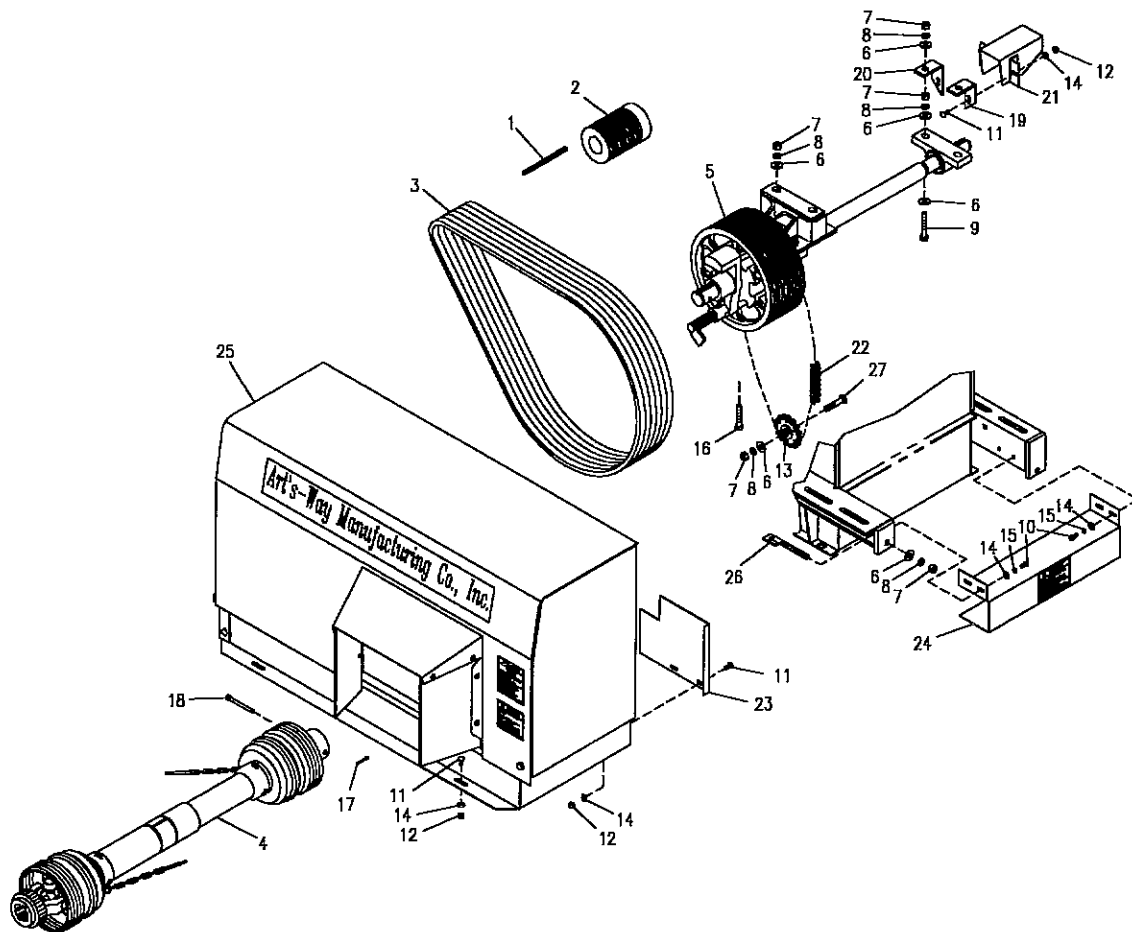
ITEM	PART NUMBER	QTY	DESCRIPTION
1	110390P	1	Key, Standard Tapered
2	165500P	1	Pulley, 12 Groove
3	172600P	1	Belt, 2/3V850 Set of 6
4	354640P	1	IID Assembly, 540 1-3/8"-6B (See Page 1)
5	364210P	1	Jackshaft Assembly, 540 26" HammerMill (See below)
6	005200P	11	Washer, Flat 9/16" x 1-3/8" x 7/64" ZN
7	005360P	11	Nut, Hex 1/2"-13 Gr5 ZN
8	005370P	7	Washer, Lock 1/2" ZN
9	007080P	2	Bolt, HHCS 1/2"-13 x 2-1/2" Gr5 ZN
10	012140P	4	Bolt, HHCS 5/16"-18 x 3/4" Gr5 ZN
11	012410P	4	Bolt, Carriage 5/16"-18 x 3/4" SSN Gr5 ZN
12	020190P	4	Nut, Lock 5/16"-18 Hex Flange Gr5 ZN
13	021840P	1	Sprocket, Idler 60A15 w/Bearing
14	022920P	8	Washer, Flat 3/8" x 7/8" x 5/64" ZN
15	023620P	4	Washer, Lock 5/16" ZN
16	023950P	4	Bolt, HHCS 1/2"-13 x 2.0" Gr5 ZN
17	034360P	1	Pin, Cotter 1/8" x 1.0 ZN
18	036480P	1	Pin, Clevis 5/16" x 3.0 ZN
19	165600P	1	Bracket, Shield Jackshaft Right
20	165610P	1	Bracket, Shield Jackshaft Left
21	165660P	1	Shield Weldment, Jackshaft Extension
22	172680P	1	Chain Assembly, #60H Roller 73P
23	365270P00	1	Shield, Back
24	365820P00	1	Shield, Jackshaft 26" Mill
25	365850P00	1	Shield Assembly, Main
26	376540P	1	Drawbolt Weldment
27	991200P	1	Bolt, Carriage 1/2"-13 x 2" Gr5 ZN

JACKSHAFT ASSEMBLY, 540 RPM 26" HAMMERMILL - 364210

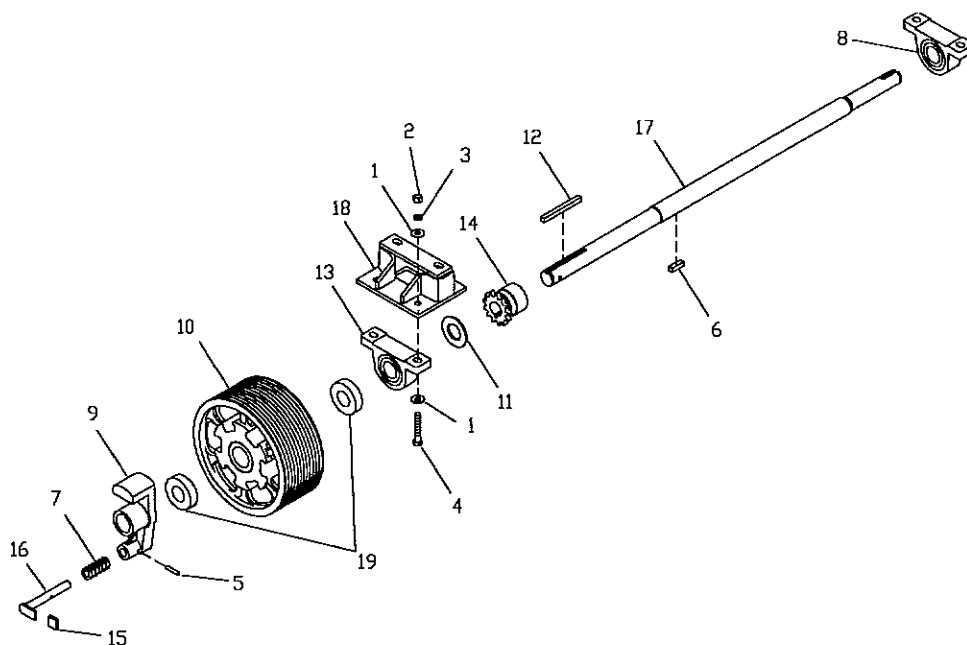
ITEM	PART NUMBER	QTY	DESCRIPTION
1	005200P	4	Washer, Flat 9/16" x 1-3/8" x 7/64" ZN
2	005360P	2	Nut, Hex 1/2"-13 Gr5 ZN
3	005370P	2	Washer, Lock 1/2" ZN
4	007080P	2	Bolt, HHCS 1/2"-13 x 2-1/2" Gr5 ZN
5	012550P	1	Pin, Expansion 1/4" x 1-1/4" ZN
6	013510P	1	Key, SQ 3/8" x 1-1/4"
7	013580P	1	Spring, Compression Drive Clutch
8	013670P	1	Bearing, PB 1-7/16" with Lock Collar
9	013860P	1	Clutch, A46 Casting 1-5/8"
10	016750P	1	Pulley, 22.6" 12 Groove Bal with Bearing
11	126940P	2	Washer, Flat 1-5/8" x 2.0" x 9/64"
12	151280P	1	Key, SQ 3/8" x 5.0"
13	165480P	1	Bearing, 1-5/8" SOD with Lock Collar
14	172620P	1	Sprocket, 60B22
15	205430P	1	Grip, Handle Red 1/8" x 1.0" x 1.0"
16	241570P	1	Pin Weldment, Locking
17	274570P	1	Jackshaft, HammerMill Self Contained
18	364430P	1	Support Weldment, Bearing
19	013930P	2	Bearing, 1-5/8" Bore

1000 RPM DRIVE, 26" HAMMERMILL - 365040

SHOWS ASSEMBLY FOR PM20 & PM30



JACKSHAFT ASSEMBLY, 1000 RPM 26" HAMMERMILL - 364230



1000 RPM DRIVE, 26" HAMMERMILL - 365040

SHOWS ASSEMBLY FOR PM20 & PM30

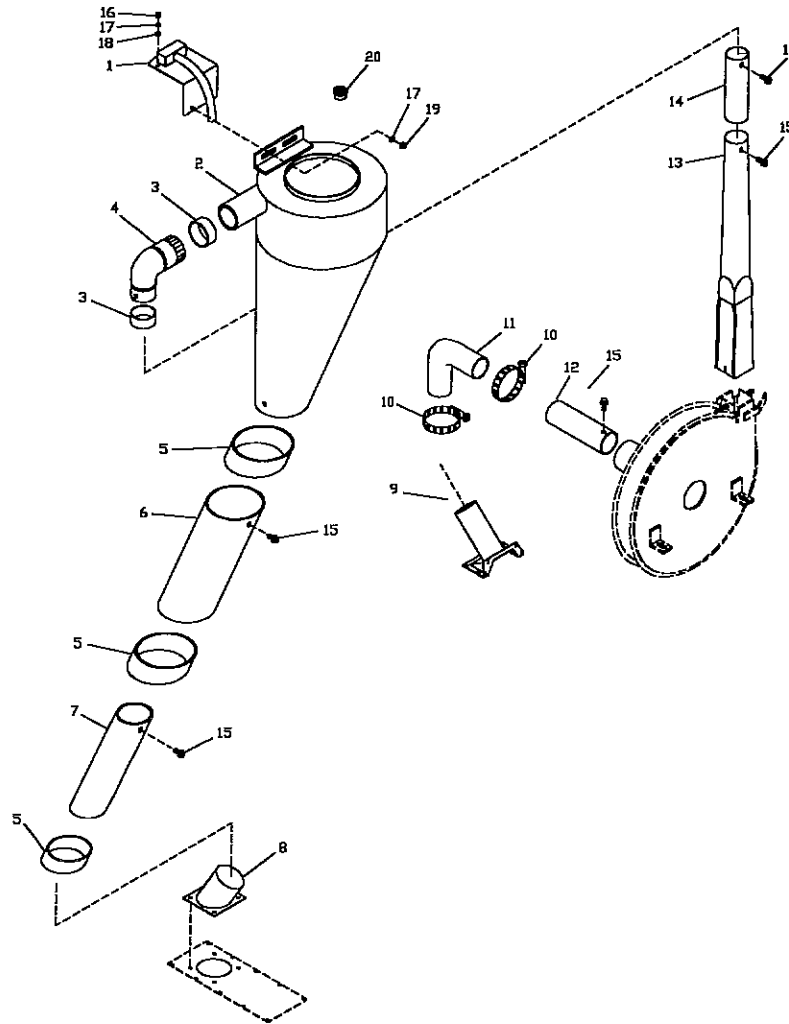
ITEM	PART NUMBER	QTY	DESCRIPTION
1	110390P	1	Key, Standard Tapered
2	165500P	1	Pulley, 12 Groove
3	159070P	1	Belt, 2/3V670 Set of 6
4	354670P	1	IID Assembly, 1000 1-3/8"-21 (See Page 2)
5	364230P	1	Jackshaft Assembly, 1000 26" Mill
6	005200P	11	Washer, Flat 9/16" x 1-3/8" x 7/64" ZN
7	005360P	11	Nut, Hex 1/2"-13 Gr5 ZN
8	005370P	7	Washer, Lock 1/2" ZN
9	007080P	2	Bolt, HHCS 1/2"-13 x 2-1/2" Gr5 ZN
10	012140P	4	Bolt, HHCS 5/16"-18 x 3/4" Gr5 ZN
11	012410P	4	Bolt, Carriage 5/16"-18 x 3/4" SSN Gr5 ZN
12	020190P	4	Nut, Lock 5/16"-18 Hex Flange Gr5 ZN
13	021840P	1	Sprocket, Idler 60A15 w/Bearing
14	022920P	8	Washer, Flat 3/8" x 7/8" x 5/64" ZN
15	023620P	4	Washer, Lock 5/16" ZN
16	023950P	4	Bolt, HHCS 1/2"-13 x 2.0" Gr5 ZN
17	034360P	1	Pin, Cotter 1/8" x 1.0" ZN
18	036480P	1	Pin, Clevis 5/16" x 3.0" ZN
19	165600P	1	Bracket, Shield Jackshaft Right
20	165610P	1	Bracket, Shield Jackshaft Left
21	165660P	1	Shield Weldment, Jackshaft Extension
22	159100P	1	Chain Assembly, #60H Roller 69P
23	365270P00	1	Shield, Back
24	365820P00	1	Shield, Jackshaft 26" Mill
25	365850P00	1	Shield Assembly, Main
26	376540P	1	Drawbolt Weldment
27	991200P	1	Bolt, Carriage 1/2"-13 x 2.0" Gr5 ZN

JACKSHAFT ASSEMBLY, 1000 RPM 26" HAMMERMILL - 364230

ITEM	PART NUMBER	QTY	DESCRIPTION
1	005200P	4	Washer, Flat 9/16" x 1-3/8" x 7/64" ZN
2	005360P	2	Nut, Hex 1/2"-13 Gr5 ZN
3	005370P	2	Washer, Lock 1/2" ZN
4	007080P	2	Bolt, HHCS 1/2"-13 x 2-1/2" Gr5 ZN
5	012550P	1	Pin, Expansion 1/4" x 1-1/4" ZN
6	013510P	1	Key, SQ 3/8" x 1-1/4"
7	013580P	1	Spring, Compression Drive Clutch
8	013670P	1	Bearing, PB 1-7/16" with Lock Collar
9	013860P	1	Clutch, A46 Casting 1-5/8"
10	013870P	1	Pulley, 12.3" 12 Groove Bal. with Bearing
11	126940P	2	Washer, Flat 1-5/8" x 2.0" x 9/64"
12	151280P	1	Key, SQ 3/8" x 5.0"
13	165480P	1	Bearing, SOD 1-5/8" with Lock Collar
14	165650P	1	Sprocket, 60B13 Rework
15	205430P	1	Grip, Handle Red 1/8" x 1.0" x 1.0"
16	241570P	1	Pin Weldment, Locking
17	274570P	1	Jackshaft, HammerMill Self Contained
18	364430P	1	Support Weldment, Bearing
19	013930P	2	Bearing, 1-5/8" Bore

AIR SYSTEM, STRAIGHT - 364930

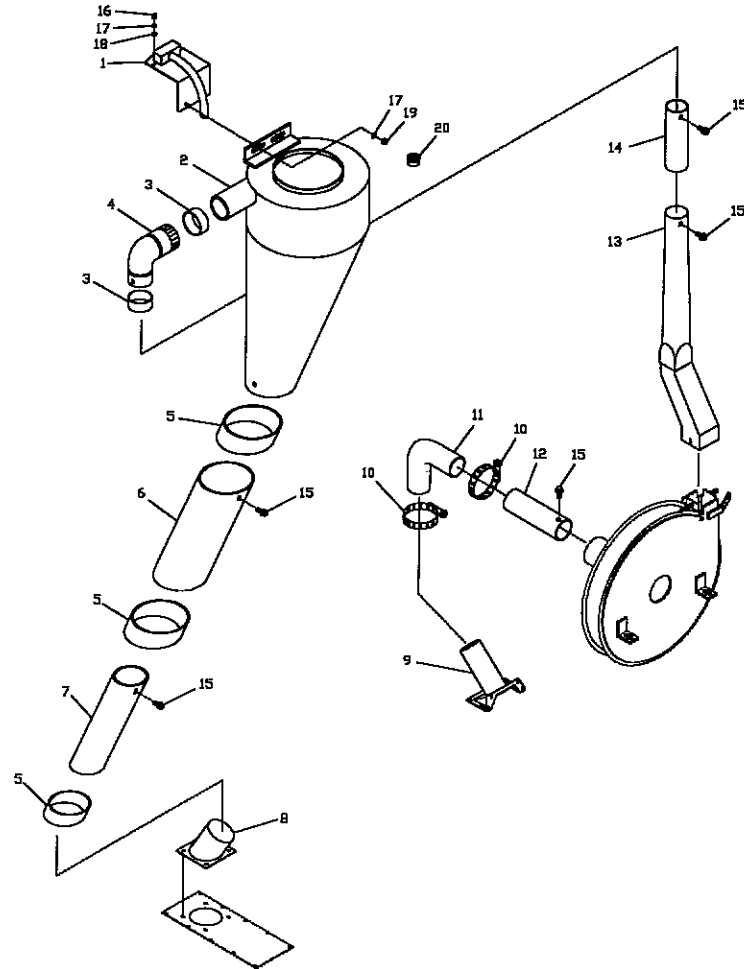
FOR USE ON PM20 WITH 26" HAMMERMILL OR PM30 WITH 20" HAMMERMILL



ITEM	PART NUMBER	QTY	DESCRIPTION
1	365640P	1	Bracket Weldment, Cyclone
2	366150P00	1	Collector Assembly, Dust
3	185880P	3	Band, 4" Rubber
4	188390P00	1	Elbow, 4"-90° Corrugated
5	254160P	3	Band, 6" Rubber
6	165870P00	1	Coupler, Pipe
7	165440P00	1	Extension, Pipe Coupler
8	366160P	1	Cover Weldment
9	366180P00	1	Angle Weldment
10	205920P	2	Clamp, Hose
11	205910P	1	Elbow, Fan Inlet
12	366130P	1	Tube, Air
13	366060P00	1	Pipe Assembly, Vertical
14	366140P00	1	Tube, Extension
15	205940P	15	Screw, TEK 8"-32 x 1/2" Self Drilling ZN
16	027260P	3	Nut, Hex 3/8"-16 Gr5 ZN
17	021180P	3	Washer, Lock 3/8" ZN
18	021190P	5	Washer, Flat 3/8" ZN
19	020180P	2	Nut, Lock 3/8"-16 Gr5 ZN
20	E276028P	1	Cap, Pipe

AIR SYSTEM, OFFSET - 364940

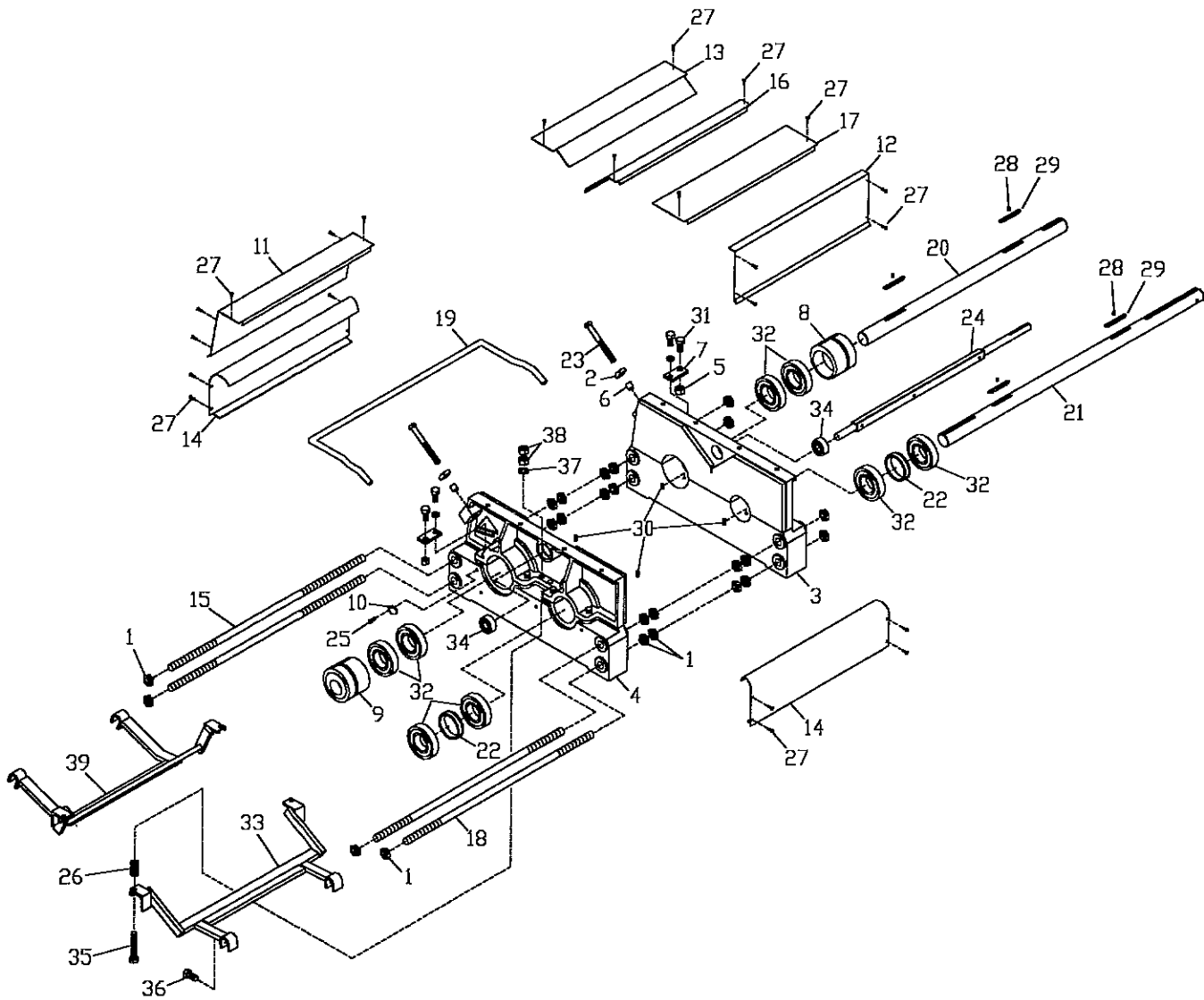
FOR USE ON PM20 HAMMERMILL WITH 20" OR PM30 WITH 26" HAMMERMILL



ITEM	PART NUMBER	QTY	DESCRIPTION
1	365640P	1	Bracket Weldment, Cyclone
2	366150P00	1	Collector Assembly, Dust
3	185880P	3	Band, 4" Rubber
4	188390P00	1	Elbow, 4"-90° Corrugated
5	254160P	3	Band, 6" Rubber
6	165870P00	1	Coupler, Pipe
7	165440P00	1	Extension, Pipe Coupler
8	366160P	1	Cover Weldment
9	366180P00	1	Angle Weldment
10	205920P	2	Clamp, Hose
11	205910P	1	Elbow, Fan Inlet
12	366130P	1	Tube, Air
13	366090P00	1	Pipe Assembly, Vertical
14	366140P00	1	Tube, Extension
15	205940P	15	Screw, TEK 8"-32 x 1/2" Self Drilling ZN
16	027260P	3	Nut, Hex 3/8"-16 Gr5 ZN
17	021180P	3	Washer, Lock 3/8" ZN
18	021190P	5	Washer, Flat 3/8" ZN
19	020180P	2	Nut, Lock 3/8"-16 Gr5 ZN
20	E276028P	1	Cap, Pipe

ROLLERMILL, BASIC 20" - P20000

SHOWS ASSEMBLY FOR PM20 & PM30



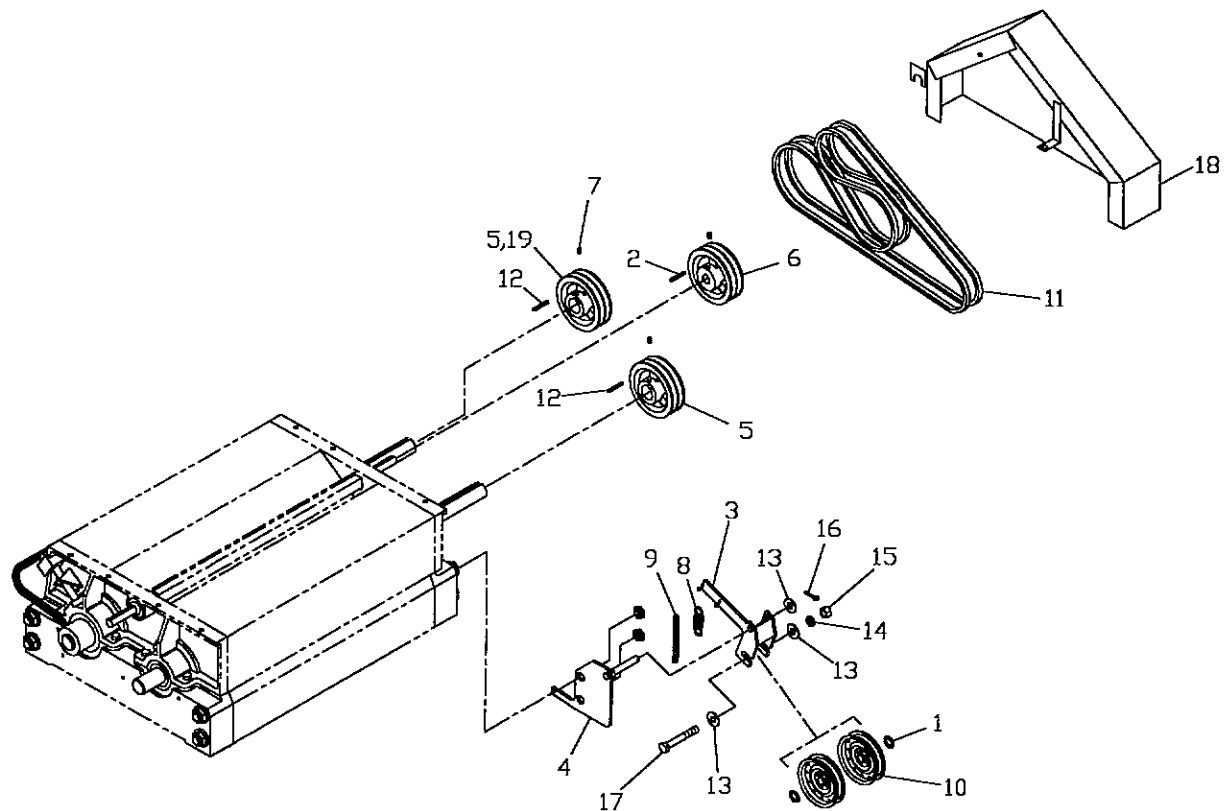
ROLLERMILL, BASIC 20" - P20000

SHOWS ASSEMBLY FOR PM20 & PM30

ITEM	PART NUMBER	QTY	DESCRIPTION
1	073310P	24	Nut, Jam 7/8-9 Hex Gr5 ZN
2	E552090P	2	Nut, SQ 5/8"-11 Gr2 ZN
3	P10010P00	1	Frame Assembly, Left Hand Side RollerMill
4	P10011P00	1	Frame Assembly, Right Hand Side RollerMill
5	114380P	2	Nut, Hex 1/2"-13 Gr5 ZN Jam
6	P10182P	2	Plug, Clamp Screw
7	P10191P	2	Handle, Stop
8	374600P	1	Housing, Eccentric Bearing LH
9	374610P	1	Housing, Eccentric Bearing RH
10	P10580P	1	Pointer
11	P20124P00	1	Panel, Eccentric End
12	P20126P00	1	Panel, Drive Roll End Cover
13	P20127P	1	Plate, Inspection Cover
14	P20128P00	2	Panel, Base Cover
15	395230P	2	Rod, Spacer 7/8" x 29-1/2"
16	P20130P	1	Plate, Feed Control Box
17	P20134P	1	Panel, Top Cover
18	P96213P	2	Rod, Spacer 51/64" x 28-3/4"
19	P20170P	1	Handle, Eccentric Adjusting
20	P20200P	1	Shaft, Eccentric Roll
21	P20210P	1	Shaft, Drive Roll
22	P20215P	2	Spacer, Roll Bearing
23	201660P	2	Bolt, HHCS 5/8"-11 x 6" Gr5 ZN
24	P20270P	1	Agitator Assembly, 20" RollerMill
25	029450P	1	Bolt, HHCS 1/4-20 x 1/2 Gr5 ZN
26	P96936P	4	Spring, Compression
27	P98341P	24	Screw, PHTS 10"-24 x .50" Type 23 ZN Slotted
28	P98300P	4	Screw, HSSS 3/8" x 1"
29	P98408P	4	Key, Feather 1/4" x 1/4" x 3.0"
30	P98417P	4	Pin, Groove 1/4" x 1/2"
31	031080P	2	Bolt, HHCS 1/2"-13 x 1" Gr5 ZN
32	P99000P	8	Bearing, Roll Shaft
33	P73631P	1	Scraper Weldment, 20" Drive Roll
34	P99040P	2	Bearing, Agitator 3/4" Bore SL12
35	P99467P	4	Bolt, HHCS 3/8" x 3" Full Thread
36	1070046P	4	Screw, HHTS 5/16"-18 x 3/4"
37	022920P	4	Washer, Flat 5/16"
38	027260P	8	Nut, Hex 3/8"-16
39	P73612P	1	Scraper Weldment, 20" Eccentric Roll

20" ROLLERMILL BELT DRIVE 397390

SHOWS ASSEMBLY FOR PM20 & PM30

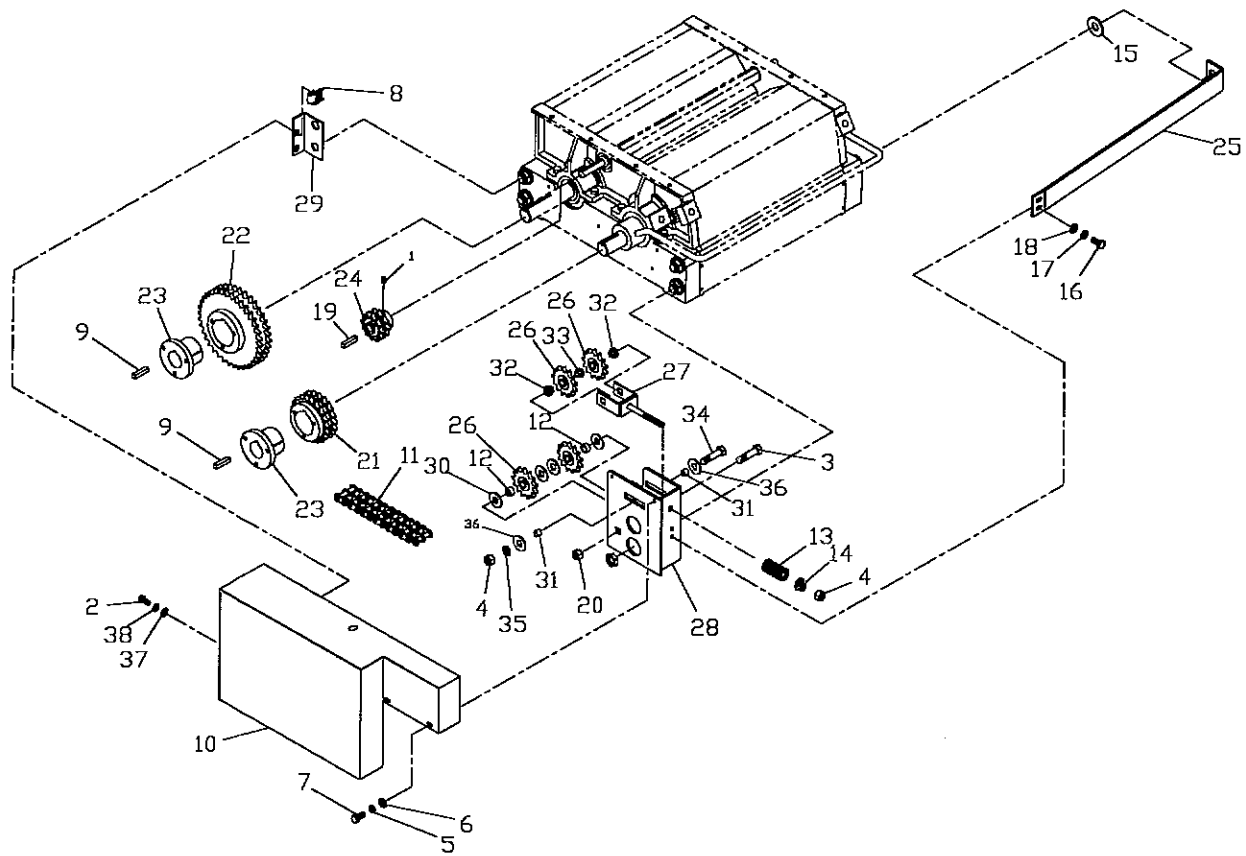


ITEM	PART NUMBER	QTY	DESCRIPTION
1	E126120P	3	Bushing, Mach 3/4" x 1-1/4" x 18ga
2	P10027P	1	Key, SQ 3/16" x 2"
3	P10481P	1	Bracket Weldment, Tightener
4	P10486P	1	Pivot Weldment, Tightener
5	P20220P	2	Pulley, Roll Drive
5	P20220P	1	Pulley, Roll Drive
6	P20320P	1	Pulley, Agitator
7	P98298P	5	Screw, HSSS 3/8"-16 x 1/2"
8	P98375P	1	Spring, Extension
9	P98522P	1	Chain, 1 x 8 Links Straight CL
10	P99025P	2	Pulley, Idler 41/64" x 4-25/64" od
11	P99712P	2	Belt, Roll Drive BB-81
12	014630P	2	Key, SQ 1/4" x 2"
13	020430P	7	Washer, Flat 11/16" x 1-3/4" x 1/8"
14	020440P	1	Washer, Lock 5/8" ZN
15	020450P	1	Nut, Hex 5/8"-11 Gr2 ZN
16	035850P	1	Pin, Cotter 5/21" x 1-1/4" ZN
17	990670P	1	Bolt, HHCS 5/8"-11 x 3-3/4" Gr5 ZN
18	P10730P00	1	Belt Guard, Roller Mill
19	P30881P	1	Pulley, Roll Speed Diff. 1.12:1

NOTES

20' ROLLERMILL CHAIN DRIVE - 397380

SHOWS ASSEMBLY FOR PM20 & PM30

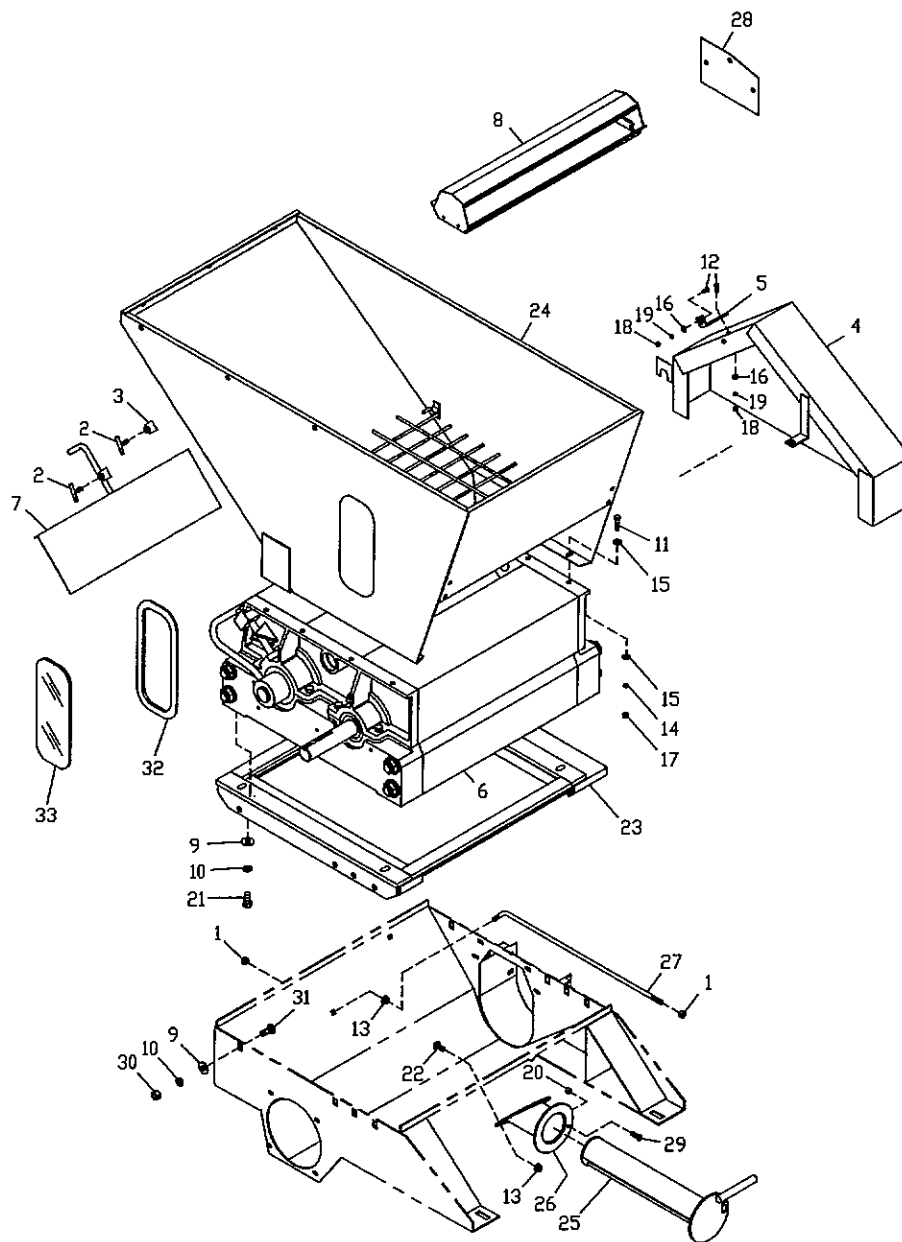


20' ROLLERMILL CHAIN DRIVE - 397380

SHOWS ASSEMBLY FOR PM20 & PM30

ITEM	PART NUMBER	QTY	DESCRIPTION
1	E672138P	2	Screw, HSSS 1/4"-20 x 1/4"
2	012051P	2	Bolt, HHCS 1/4"-20 x 3/4"
3	395240P	2	Screw, Cap 5/8" Special
4	005360P	2	Nut, Hex 1/2"-13
5	023620P	2	Washer, Lock 5/16"
6	022920P	2	Washer, Flat 5/16"
7	012140P	2	Bolt, HHCS 5/16"-18 x 3/4"
8	I404766R1P	2	Nut, 1/4"-20 Type J
9	014920P	2	Key, SQ 1/4" x 2-1/2"
10	395270P00	1	Shield Weldment, Roll Drive
11	395190P	1	Chain, RC60-2 82 Pitches
12	395260P	2	Spacer, Idler
13	395250P	1	Spring, Compression
14	127070P	1	Nut, Hex 1/2"-13 Flange
15	I453599R1P	1	Washer, Spacer
16	022420P	2	Bolt, HHCS 3/8"-16 x 3/4"
17	021180P	2	Washer, Lock 3/8"
18	021190P	2	Washer, Flat 3/8"
19	041480P	1	Key, SQ 3/16" x 2-1/4"
20	038850P	1	Nut, Lock 5/8"-11 Hex
21	395200P	1	Sprocket
22	394460P	1	Sprocket
23	394470P	2	Bushing, Q1 Special
24	395780P	1	Sprocket
25	395220P	1	Strap, Support
26	E366013P	4	Sprocket, Idler
27	394420P	1	Bracket Weldment, Tension
28	394380P	1	Mount Weldment, Idler
29	394530P	1	Mount, Shield
30	035210P	4	Washer, Flat 5/8"
31	402030P	2	Bushing, Slot
32	402040P	2	Bushing, Outer
33	402050P	1	Bushing, Center
34	340300P	1	Bolt, HHCS 1/2"-13 x 4-1/4"
35	005370P	1	Washer, Lock 1/2"
36	005200P	2	Washer, Flat 1/2"
37	023260P	2	Washer, Flat 1/4"
38	029440P	2	Washer, Lock 1/4"

20" ROLLERMILL ASSEMBLY WITH OFFSET HOPPPER SHOWS ASSEMBLY FOR PM20 & PM30 - 370030

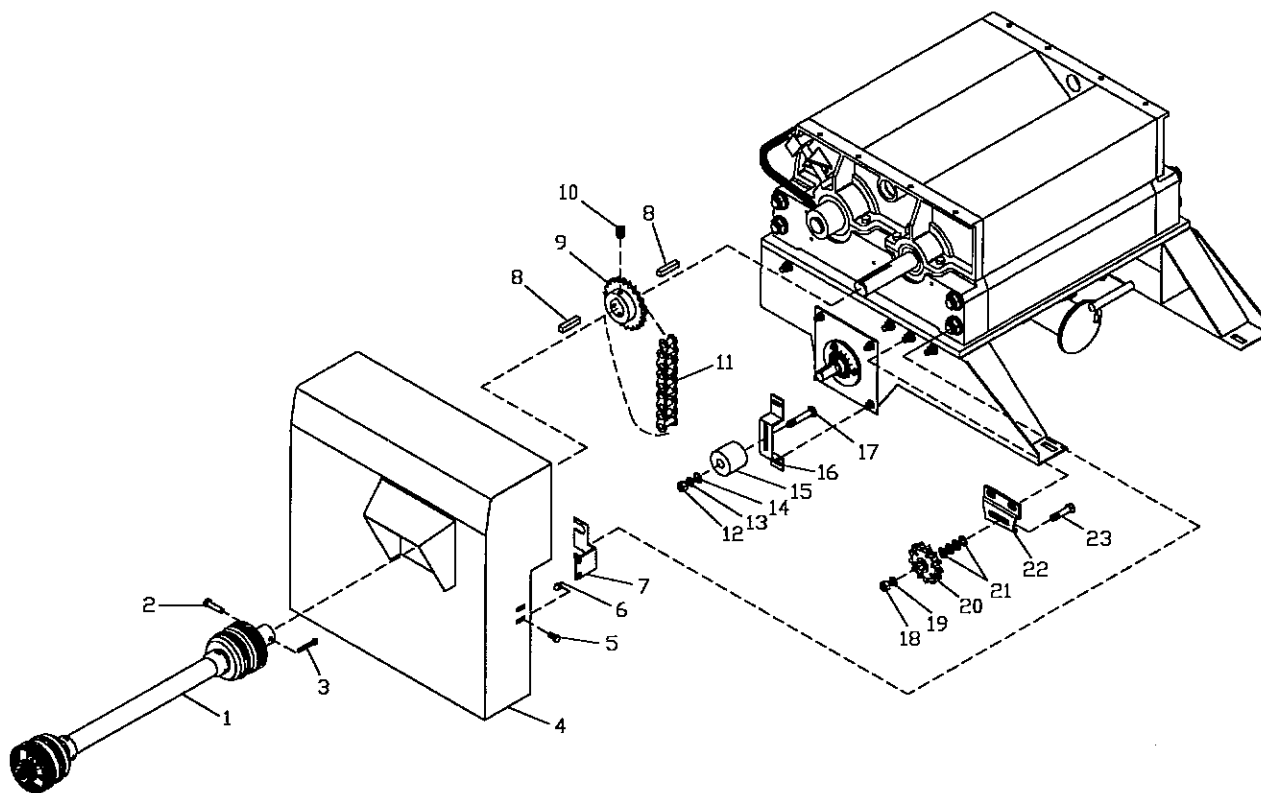


20" ROLLERMILL ASSEMBLY WITH OFFSET HOPPPER

SHOWS ASSEMBLY FOR PM20 & PM30 - 370030

ITEM	PART NUMBER	QTY	DESCRIPTION
1	E552044P	2	Nut, Lock 3/8"-16 Hex Top GrA ZN
2	P10148P	2	Screw Weldment, Set
3	P10284P	1	Tube Weldment, Handle
4	P10730P00	1	Guard Weldment, Belt
5	P10735P	1	Bracket, Belt Guard
6	P20000P00	1	RollerMill, Basic 20"
7	P20286P	1	Gate Weldment, Grain
8	P82700P	1	Magnet Assembly, 20"
9	005200P	12	Washer, Flat 9/16" x 1-3/8" x 7/64" ZN
10	005370P	12	Washer, Lock 1/2" ZN
11	006690P	4	Bolt, HHCS 3/8"-16 x 1-1/4" Gr5 ZN
12	012051P	2	Bolt, HHCS 1/4"-20 x 3/4" Gr5 ZN
13	020180P	5	Nut, Lock 3/8"-16 Hex Flange Gr5 ZN
14	021180P	4	Washer, Lock 3/8" ZN
15	021190P	4	Washer, Flat 7/16" x 1.0" x 5/64" ZN
16	023260P	2	Washer, Flat 5/16" x 3/4" x 16ga ZN
17	027260P	4	Nut, Hex 3/8"-16 Gr5 ZN
18	027660P	2	Nut, Hex 1/4"-20 Gr5 ZN
19	029440P	2	Washer, Lock 1/4" ZN
20	023630P	1	Nut, Hex 5/16"-18 Gr5 ZN
21	031080P	4	Bolt, HHCS 1/2"-13 x 1.0" Gr5 ZN
22	032840P	4	Bolt, Carriage 3/8"-16 x 3/4" Gr5 ZN
23	365560P	1	Plate Weldment, Adapter
24	371420P00	1	Hopper Weldment, Offset 20"
25	376630P	1	Trough Weldment, Sample
26	376830P	1	Tube Weldment, Lower Pan
27	376870P	1	Rod, 3/8" x 23-13/16"
28	380040P	1	Cover, Air
29	144510P	1	Screw, RHMS 5/16"-18 x 3/4" Gr2 ZN
30	005360P	8	Nut, Hex 1/2"-13 Gr5 ZN
31	005390P	8	Bolt, Carriage 1/2"-13 x 1.0" Gr5 ZN
32	012020P	1	Rubber, Window Frame
33	012050P	1	Window, Glass 4-1/2" x 12"

540 RPM DRIVE ASSEMBLY, 20" ROLLERMILL SHOWS ASSEMBLY FOR PM20 & PM30 - 368550

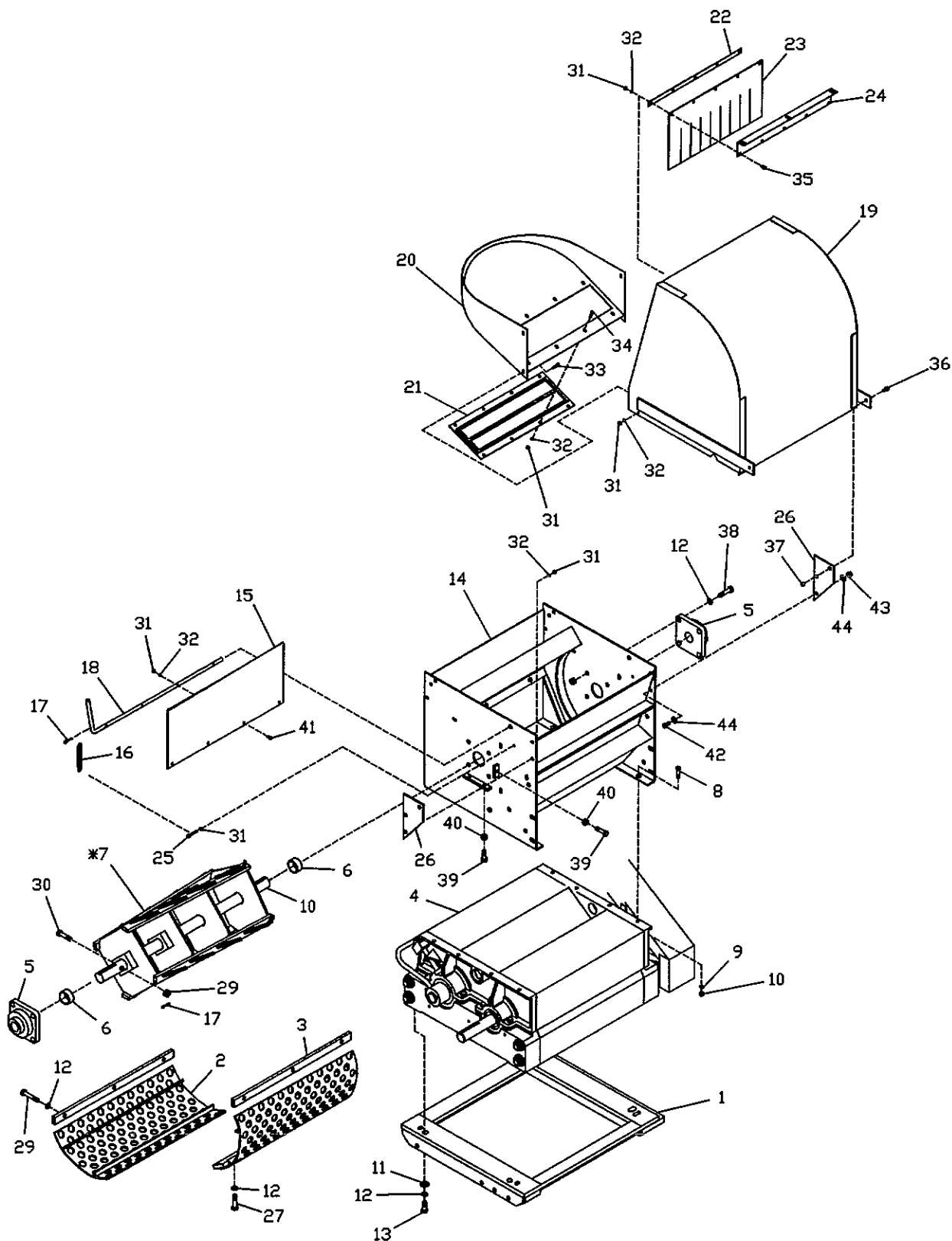


540 RPM DRIVE ASSEMBLY, 20" ROLLERMILL

SHOWS ASSEMBLY FOR PM20 & PM30 - 368550

ITEM	PART NUMBER	QTY	DESCRIPTION
1	374140P	1	IID Assembly 1-3/8" x 1-3/8" (See Page 3)
2	036480P	1	Pin, Clevis 5/16" x 3" ZN
3	034360P	1	Pin, Cotter 1/8" x 1" ZN
4	379330P00	1	Shield Weldment
5	042960P	4	Bolt, HHCS 1/4"-20 x 1" Gr5 ZN
6	I404766R1P	4	Nut, 1/4"-20 Retainer J Speed Phc
7	379380P	2	Bracket, Shield Mounting
8	014630P	2	Key, SQ 1/4" x 2"
9	P99637P	1	Sprocket, 60B22 40mm
10	010990P	-	Screw, HSSS 5/16"-18 x 5/16" BLO (Included in #9)
11	040720P	1	Chain, RC60 76 Pitches
12	027260P	1	Nut, Hex 3/8"-16 Gr5 ZN
13	021180P	1	Washer, Lock 3/8" ZN
14	021190P	1	Washer, Flat 3/8" ZN
15	041440P	1	Tightener, Chain
16	365890P	1	Bracket, Mill To Mixer Idler
17	117550P	1	Bolt, Carriage 3/8"-16 x 2-1/4" Gr2 ZN
18	005360P	1	Nut, Hex 1/2"-13Gr5 ZN
19	005370P	1	Washer, Lock 1/2" ZN
20	021840P	1	Sprocket, Idler 60A15 w/Brg
21	005200P	4	Washer, Flat 1/2" ZN
22	362570P	1	Bracket, Idler
23	023950P	1	Bolt, HHCS 1/2"-13 x 2" Gr5 ZN

20" EAR CORN ROLLERMILL ASSEMBLY SHOWS ASSEMBLY FOR PM20 & PM30



20" EAR CORN ROLLERMILL ASSEMBLY

SHOWS ASSEMBLY FOR PM20 & PM30

ITEM	PART NUMBER	QTY	DESCRIPTION
1	365560P	1	Plate Weldment, Adapter
2	P20685P	-	Screen Weldment 1/2"
2	P20686P	-	Screen Weldment 5/8"
2	P20687P	-	Screen Weldment 3/4"
2	P20688P	-	Screen Weldment 1"
3	P20660P	2	Bar, Breaker Upper
4	P20000P00	1	RollerMill, 20" Basic
5	R16260P	2	Bearing, 1-3/4" Cast Housing
6	P20556P	2	Spacer, Reel 4 Bar
7	P20551P	1	Reel Weldment, 4-Bar
8	011370P	16	Bolt, HHCS 3/8"-16 x 1-1/2" Gr5 ZN
9	021180P	16	Washer, Lock 3/8" ZN
10	P20689P	1	Shaft, 20 Reel
11	005200P	4	Washer, Flat 1/2" ZN
12	005370P	21	Washer, Lock 1/2" ZN
13	031080P	4	Bolt, HHCS 1/2"-13 x 1" Gr5 ZN
14	P20575P00	1	Case Weldment, 4 Bar
15	P85202P	1	Gate, Swing
16	P98375P	1	Spring Extension
17	034360P	8	Pin, Cotter 1/8" x 1"
18	P85201P	1	Rod
19	P85205P00	1	Hood Weldment
20	P85210P00	1	Hopper Weldment
21	009740P	1	Magnet
22	P85214P	1	Strip, Curtain Mounting
23	P85215P	1	Curtain
24	P85216P	1	Plate, Curtain Backing
25	031560P	1	Bolt, HHCS 1/4"-20 x 2-1/2"
26	P85219P	2	Hinge, Plate
27	1770500P	3	Bolt, HHCS 1/2"-13 x 1-3/4" Gr5 ZN
28	010730P	6	Bolt, HHCS 1/2"-13 x 1-1/4" Gr5 ZN
29	P99515P	4	Nut, Hex 1/2"-13 Castle
30	P20554P	4	Bolt, Reel Clamp
31	027660P	26	Nut, Hex 1/4"-20 Gr5 ZN
32	029440P	21	Washer, Lock 1/4" ZN
33	012051P	4	Bolt, HHCS 1/4"-20 x 3/4" Gr5 ZN
34	035230P	8	Screw, THMS 1/4"-20 x 3/4" Slotted
35	149380P	4	Bolt, HHCS 1/4"-20 x 2-1/4" Gr5 ZN
36	005900P	6	Bolt, HHCS 5/16"-18 x 1" Gr5 ZN
37	025670P	6	Nut, Lock 5/16"-18 Hex Torque
38	014770P	8	Bolt, HHCS 1/2"-13 x 1-1/2" Gr5 ZN
39	P99462P	8	Bolt, HHCS 3/8"-16 x 1-3/4"
40	027260P	8	Nut, Hex 3/8"-16 Gr5 ZN
41	042960P	4	Bolt, HHCS 1/4" x 1" Gr5 ZN
42	012260P	4	Bolt, HHCS 3/8" x 1" Gr5 ZN
43	020180P	4	Nut, Lock 3/8" Hex Flange
44	021190P	8	Washer, Flat 3/8"
45	005360P	8	Nut, Hex 1/2"-13 Gr5 ZN

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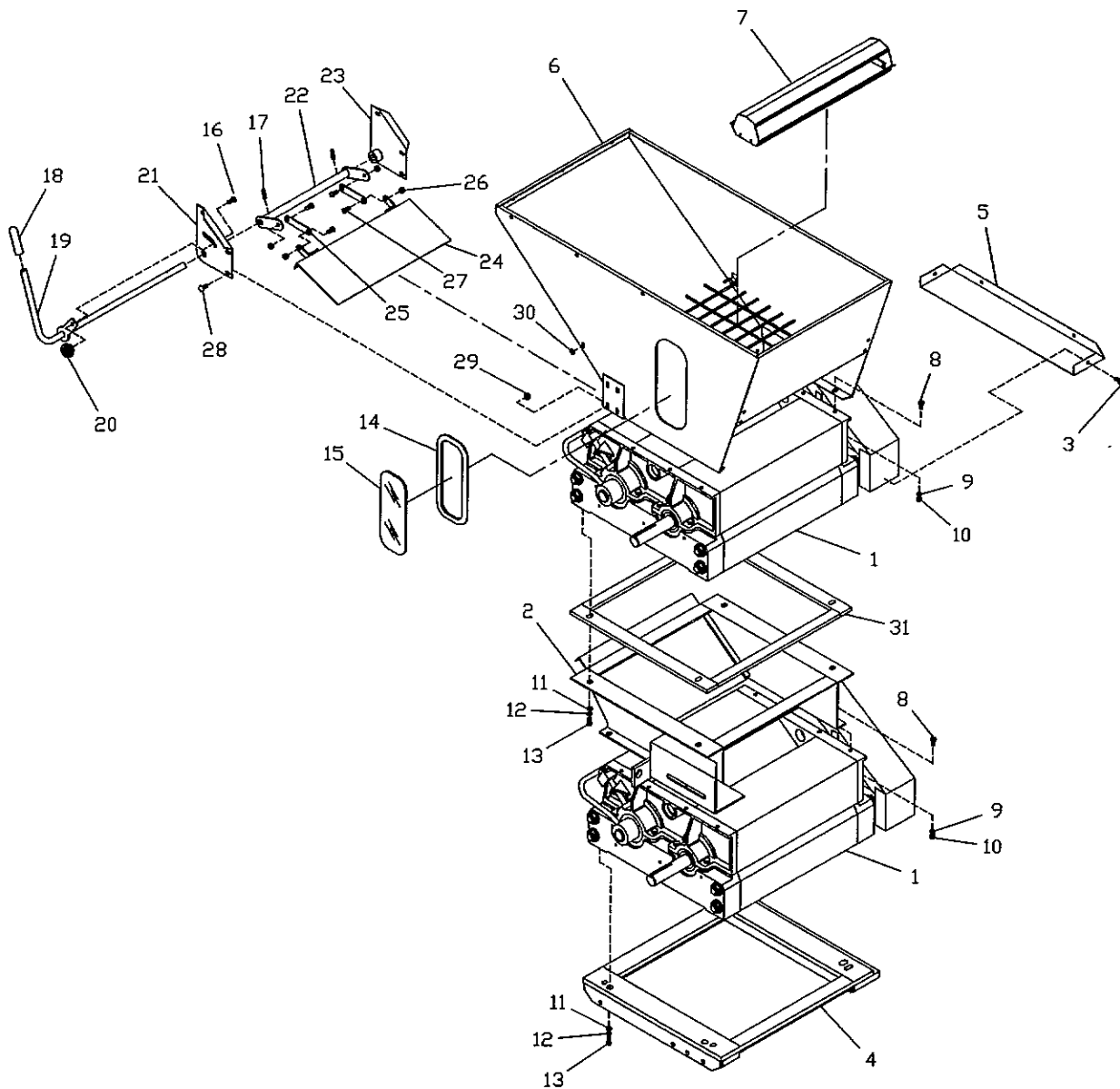


540 RPM DRIVE ASSEMBLY, 20" EAR CORN

ROLLERMILL, SHOWS ASSEMBLY FOR PM20 & PM30 - 368570

ITEM	PART NUMBER	QTY	DESCRIPTION
1	I105404P	1	Nipple, Pipe
2	991200P	1	Bolt, Carriage 1/2"-13 x 2"
3	I404766R1P	6	Nut, Retainer 1/4"-20, J-Speed PHC
4	P20634P	1	Nut, Adapter 5/8"-11
5	P21221P	1	Sprocket Assembly, Idler 80B16
6	P21870P	1	Sprocket, Reel Drive 80SF32
7	P55134P	1	Tightener Weldment, Chain
8	P86597P	1	Bushing, QD SF 1-1/2" x 1/4" Keyway
9	P87026P	1	Chain, RC80 69P
10	P99490P	1	Bolt, HHCS 5/8"-11 x 3" All Threaded Gr5 ZN
11	P99637P	1	Sprocket, 60B22 40mm 1/4" Keyway
12	P99649P	1	Sprocket, 80SF32 QD
13	005200P	4	Washer, Flat 9/16" x 1-3/8" x 7/64" ZN
14	005360P	3	Nut, Hex 1/2"-13 Gr5 ZN
15	005370P	3	Washer, Lock 1/2" ZN
16	010730P	2	Bolt, HHCS 1/2"-13 x 1-1/4" Gr5 ZN
17	010990P	3	Screw, HSSS 5/16"-18 x 5/16" BLO
18	012140P	1	Bolt, HHCS 5/16"-18 x 3/4" Gr5 ZN
19	014630P	2	Key, SQ 1/4" x 2.0"
20	020430P	4	Washer, Flat 11/16" x 1-3/4" x 9/64" ZN
21	021180P	1	Washer, Lock 3/8" ZN
22	021190P	1	Washer, Flat 7/16" x 1.0" x 5/64" ZN
23	021530P	1	Key, SQ 3/8" x 2.0"
24	021840P	1	Sprocket, Idler 60A15 w/Bearing
25	023260P	1	Washer, Flat 5/16" x 3/4" x 16ga ZN
26	023620P	1	Washer, Lock 5/16" ZN
27	027260P	1	Nut, Hex 3/8"-16 Gr5 ZN
28	029440P	1	Washer, Lock 1/4" ZN
29	034360P	1	Pin, Cotter 1/8" x 1.0" ZN
30	036480P	1	Pin, Clevis 5/16" x 3.0" ZN
31	040720P	1	Chain, RC60 76 Pitches
32	041440P	1	Tightener, Chain
33	042960P	6	Bolt, HHCS 1/4"-20 x 1.0" Gr5 ZN
34	117550P	1	Bolt, Carriage 3/8"-16 x 2-1/4" Gr2 ZN
35	214150P	1	Chain, Roller 2040 x 33P
36	234760P	1	Bushing, QD SF 1-3/4" x 3/8" Split Taper
37	362570P	1	Bracket, Idler
38	365090P	1	Package, Decal Rollermill PTO AW
39	365890P	1	Bracket, Mill to Mixer Idler
40	374140P	1	IID Assembly, 1-3/8" x 1-3/8" SB Clutch (See Page 3)
41	379380P	2	Bracket, Shield Mounting
42	384750P00	1	Tank, Oil
43	384780P	1	Fitting, 90° St. Elbow 1/8" NPT
44	384800P	1	Cap, Filler
45	384810P	1	Control, Oil
46	384910P00	1	Shield Weldment, PTO
47	385020P	1	Holder, Brush
48	385030P	2	Brush, Shank
49	385050P	2	Nipple, 1/8" NPT x 3.0"
50	385730P	2	Angle, Shield Mounting
51	385740P	1	Bracket, Oiler Brush
52	385810P	2	Coupling, 1/8" NPT

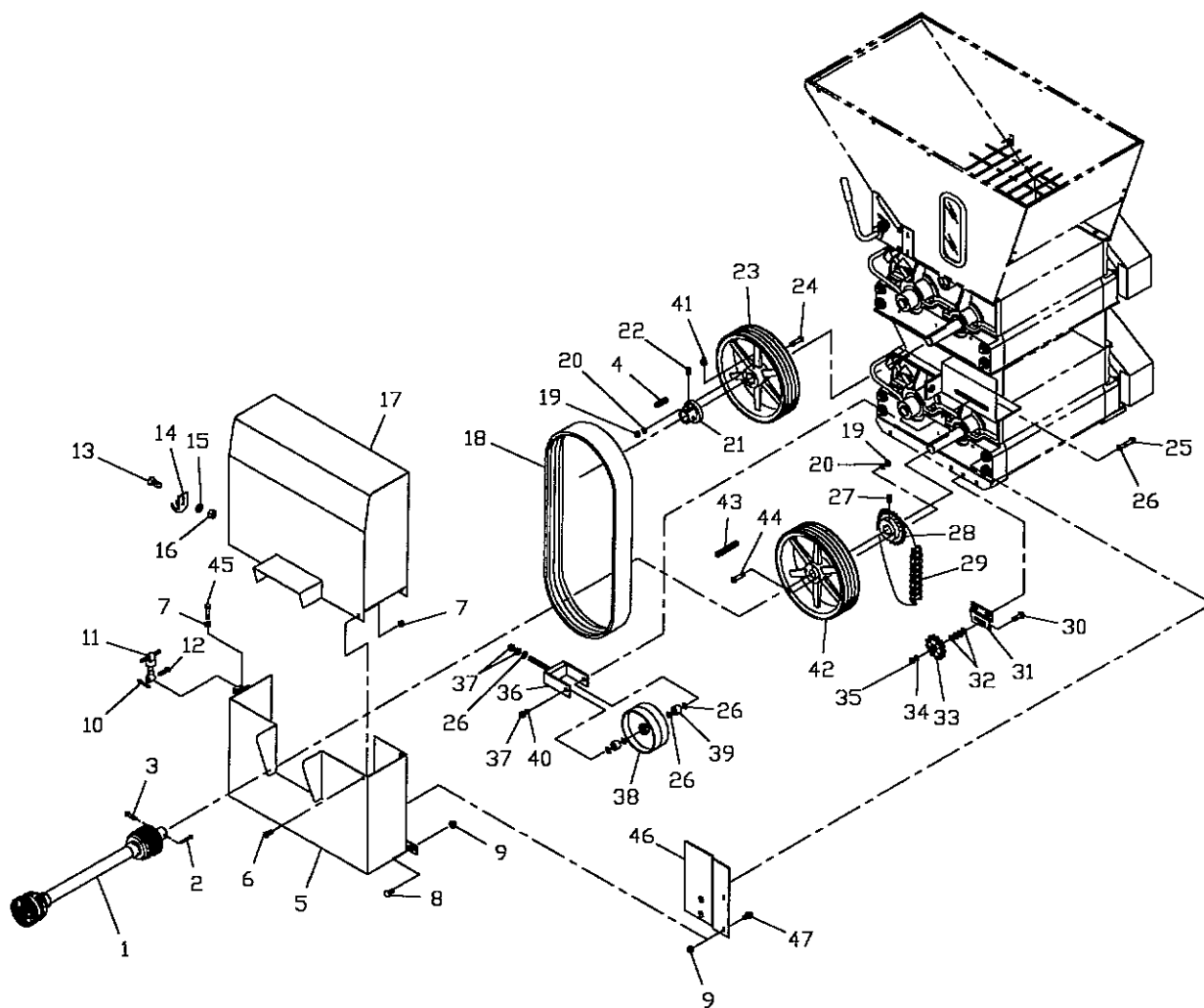
ROLLERMILL, 20" 2-HI - 370070 **SHOWS ASSEMBLY FOR PM20 & PM30**



ROLLERMILL, 20" 2-HI - 370070 **SHOWS ASSEMBLY FOR PM20 & PM30**

ITEM	PART NUMBER	QTY	DESCRIPTION
1	P20000P00	2	RollerMill, 20" Basic
2	392490P00	1	Adapter Weldment, 2-Hi RollerMill
3	P98346P	4	Screw, HHTS 5/16" x 5/8" Plated
4	365560P	1	Plate Weldment, Adapter
5	P10736P	1	Cover, Bottom
6	371420P00	1	Hopper, 20" Offset
7	P82700P	1	Magnet, 20"
8	006690P	16	Bolt, HHCS 3/8"-16 x 1-1/4" Gr5 ZN
9	021180P	16	Washer, Lock 3/8" ZN
10	027260P	16	Nut, Hex 3/8"-16 Gr5 ZN
11	005200P	8	Washer, Flat 1/2" ZN
12	005370P	8	Washer, Lock 1/2" ZN
13	031080P	8	Bolt, HHCS 1/2"-13 x 1" Gr5 ZN
14	012020P	1	Rubber, Window Frame
15	012050P	1	Window, Glass 4-1/2" x 12"
16	035520P	1	Bolt, Carriage 5/16" x 1-1/4" SSN Gr5 ZN
17	012560P	2	Pin, Expansion 3/16" x 1" ZN
18	150940P	1	Grip, Round Handle
19	393680P	1	Lever Weldment, 20" Lift
20	386130P	1	Knob, Fluted 5/16"-18
21	386160P	1	Hanger Weldment, Front
22	386260P	1	Tube Weldment, Link
23	386170P	1	Hanger Weldment, Rear
24	393670P	1	Gate Weldment, 20" Rollermill
25	386240P	1	Link, Lower
26	E552044P	4	Nut, Lock 3/8"-16 Top Hex GrA ZN
27	022420P	4	Bolt, HHCS 3/8"-16 x 3/4" Gr5 ZN
28	032840P	6	Bolt, Carriage 3/8"-16 x 3/4" SSN Gr5 ZN
29	020180P	6	Nut, Lock 3/8"-16 Hex Flange Gr5 ZN
30	I120193P	2	Washer, Flat 3/8" SAE

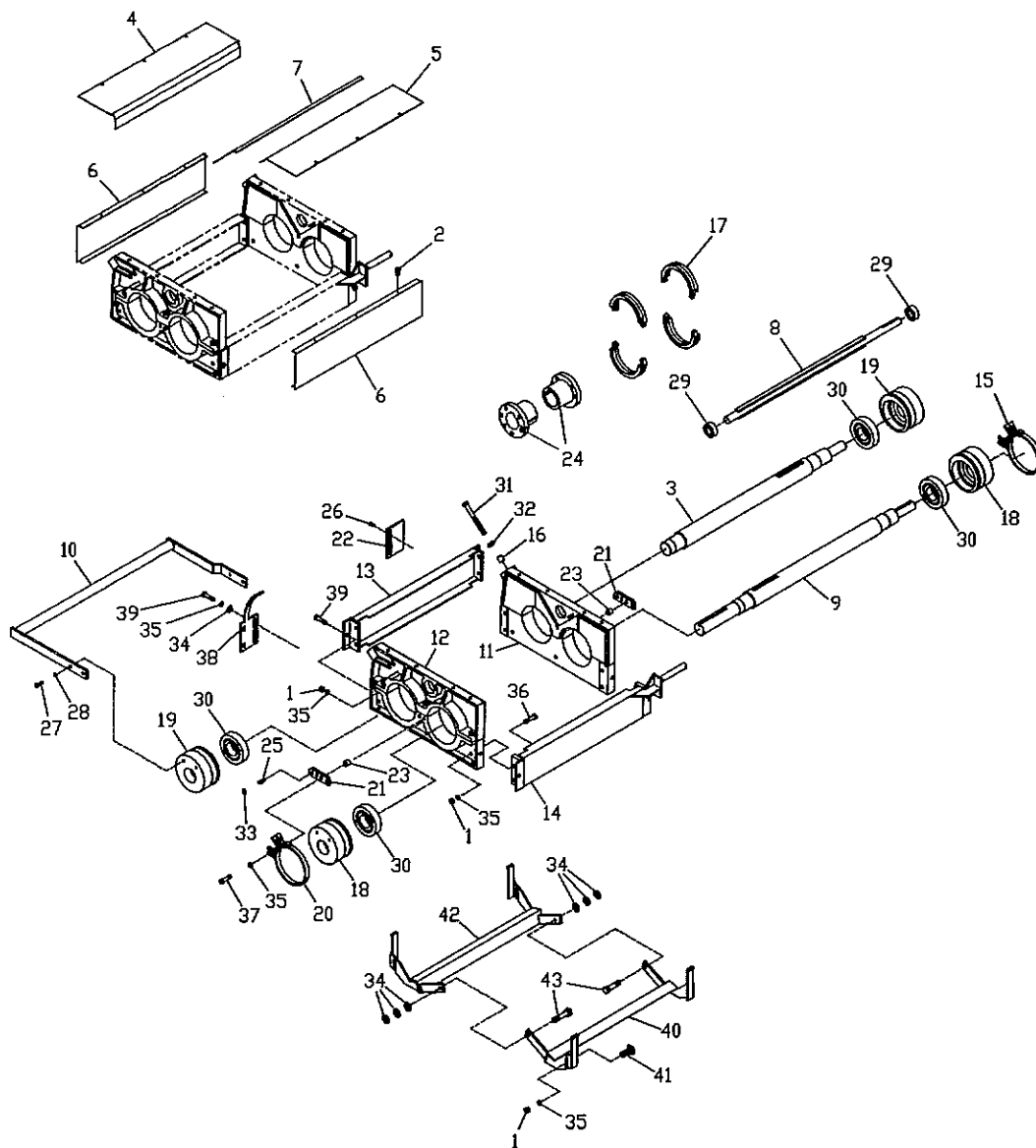
540 RPM DRIVE ASSEMBLY, 20" 2-HI ROLLERMILL SHOWS ASSEMBLY FOR PM20 & PM30 - 368560



540 RPM DRIVE ASSEMBLY, 20" 2-HI ROLLERMILL SHOWS ASSEMBLY FOR PM20 & PM30 - 368560

ITEM	PART NUMBER	QTY	DESCRIPTION
1	399990P	1	IID Assembly, 540 RPM (See Page 3)
2	034360P	1	Pin, Cotter 1/8" x 1" ZN
3	036480P	1	Pin, Clevis 5/16" x 3" ZN
4	014630P	1	Key, SQ 1/4" x 2"
5	388510P00	1	Base Weldment, Shield
6	012260P	2	Bolt, HHCS 3/8"-16 x 1" Gr5 ZN
7	E552044P	4	Nut, Lock 3/8"-16 Hex GrA ZN
8	012410P	3	Bolt, Carriage 5/16"-18 x 3/4" Gr5 ZN
9	020190P	5	Nut, Lock 5/16"-16 Hex Flange Gr5 ZN
10	116820P	1	Pin, Cotter 1/16" x 3/4" ZN
11	205650P	1	Hook, Rubber
12	215800P	1	Pin, Clevis 1/4" x 1-5/8" ZN
13	991120P	2	Screw, RHMS 10"-24 x 3/4" Slotted Gr2 ZN
14	E104310P	1	Bracket, Hook
15	120600P	2	Washer, Lock #10 ZN
16	120590P	2	Nut, Hex 10"-24 Gr2 ZN
17	388540P00	1	Shield Weldment, Upper
18	353880P	2	V-Belt, 2B x 85
19	027260P	4	Nut, Hex 3/8" x 16" Gr5 ZN
20	029440P	4	Washer, Lock 1/4" ZN
21	393830P	1	Collar, Shear
22	120970P	2	Screw, HSSS 3/8"-16 x 1/2"
23	392550P	1	Pulley, 4-Gr Drive with Bushing
24	394930P	3	Bolt, HHCS 1/4"-20 x 3-1/2" Gr5 ZN
25	990680P	1	Bolt, HHCS 5/8"-11 x 5-1/2" Gr5 ZN
26	035210P	6	Washer, Flat 5/8" ZN
27	E672344P	3	Screw, HSSS 5/16"-18 x 3/8"
28	P99637P	1	Sprocket, 60B22 40mm
29	040720P	1	Chain, RC60 x 76
30	991200P	1	Bolt, Carriage 1/2"-13 x 2" Gr5 ZN
31	362570P	1	Bracket, Idler
32	005200P	4	Washer, Flat 1/2" ZN
33	021840P	1	Sprocket, Idler 60A15 w/Bearing
34	005370P	1	Washer, Lock 1/2" ZN
35	005360P	1	Nut, Hex 1/2"-13 Gr5 ZN
36	393710P	1	Tightener Weldment, Belt
37	I124589P	3	Nut, Hex 5/8"-11 Gr5 ZN
38	E706099P	1	Sheave, Flat Idler 5" OD
39	E126195P	2	Bushing, 9/16" x 1-1/4" x 1-1/8"
40	020440P	1	Washer, Lock 5/8" ZN
41	049180P	1	Fitting, Lubrication 1/4"-28
42	394880P	1	Pulley, 4 Groove Drive
43	P10035P	1	Key, SQ 1/4" x 7-1/2"
44	394900P	1	Bolt, HHCS 1/4"-20 x 4-1/2" Gr5 ZN
45	029930P	2	Bolt, HHCS 3/8"-16 x 2-1/4" Gr5 ZN
46	394940P	1	Support, Shield
47	JN10212P	2	Bolt, HHTS 5/16"-18 x 3/4" Flange Gr5 ZN

ROLLERMILL, BASIC 30" - AP30800 **SHOWS ASSEMBLY FOR PM20 & PM30**



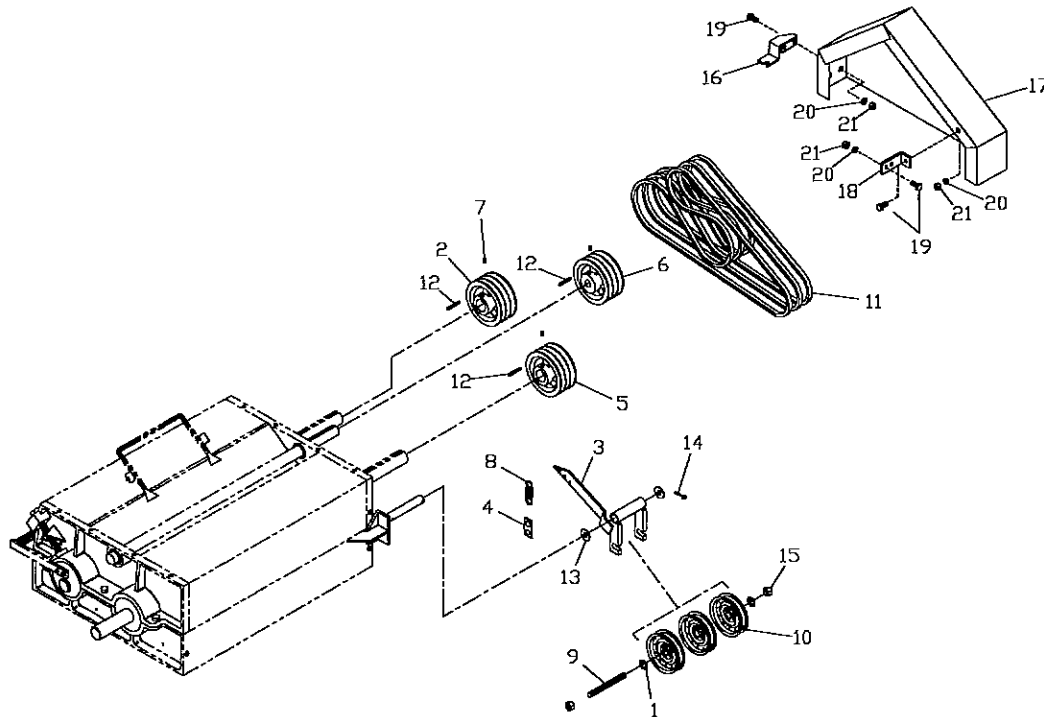
ROLLERMILL, BASIC 30" - AP30800

SHOWS ASSEMBLY FOR PM20 & PM30

ITEM	PART NUMBER	QTY	DESCRIPTION
1	005360P	16	Nut, Hex 1/2"-13
2	P98341P	22	Screw, SPHMS 10"-24 x 1/2"
3	P30811P	1	Shaft, Roll Eccentric 30"
4	P30813P	1	Cover, Top Front Casting
5	P30814P	1	Cover, Rear Top
6	P30815P00	2	Cover, Front & Rear Casting
7	P30816P	1	Plate, Feed Control
8	P30820P	1	Shaft Weldment, Agitator
9	P30828P	1	Shaft, Drive Portable PTO
10	P30835P	1	Handle Weldment, Eccentric Adjusting
11	P36810P00	1	Side Assembly, LH
12	P36811P00	1	Side Assembly, RH
13	400080P00	1	Channel Weldment, RH
14	400100P00	1	Channel Weldment, LH
15	386470P	1	Brake Weldment, Adjustable RH
16	P36182P	2	Plug, Clamp Screw Brass
17	P36196P	4	Weight Weldment, Roll
18	P36824P	2	Housing, Drive Side Eccentric
19	P36825P	2	Housing, Eccentric
20	P36835P	1	Brake Weldment, Adjustable LH
21	P36838P	2	Plate, Roll Adjuster
22	P36852P	1	Stop, Corn Roll
23	P74358P	4	Bushing, Support Swivel
24	P97946P	4	Bushing, R2 x 3 Split Taper
25	P98307P	4	Screw, HSSS 1/2"-13 x 1.0" Dog Point BLO
26	P98346P	2	Screw, HHTS 5/16" x 5/8" Self Taping Plated
27	012260P	4	Bolt, HHCS 3/8"-16 x 1"
28	021180P	4	Washer, Lock 3/8"
29	P99036P	2	Bearing, 1-1/4" Agitator
30	P99050P	4	Bearing, Shaft
31	P99420P	2	Bolt, HHCS 7/8"-9 x 6-1/2" Gr5 ZN
32	P99530P	2	Nut, Square 7/8"-9 Heavy
33	114380P	4	Nut, Jam 1/2"-13 Gr5 ZN
34	005200P	10	Washer, Flat .562" x 1.38" x .109" ZN
35	005370P	24	Washer, Lock 1/2" ZN
36	1770500P	8	Bolt, HHCS 1/2"-13 x 1-3/4"
37	013790P	4	Bolt, 1/2"-13 x 2-1/4" Gr5 ZN
38	388150P	1	Stop, Eccentric Roll Gauge
39	014770P	8	Bolt, HHCS 1/2"-13 x 1-1/2" Gr5 ZN
40	P30942P	1	Scraper, 30" Roll
41	991200P	4	Bolt, Carriage 1/2"-13 x 2" Gr5 ZN
42	P30941P	1	Scraper Weldment, 30" Ecc. Roll
43	023950P	2	Bolt, HHCS 1/2"-13 x 2

30" ROLLERMILL BELT DRIVE - 397400

SHOWS ASSEMBLY FOR PM20 & PM30

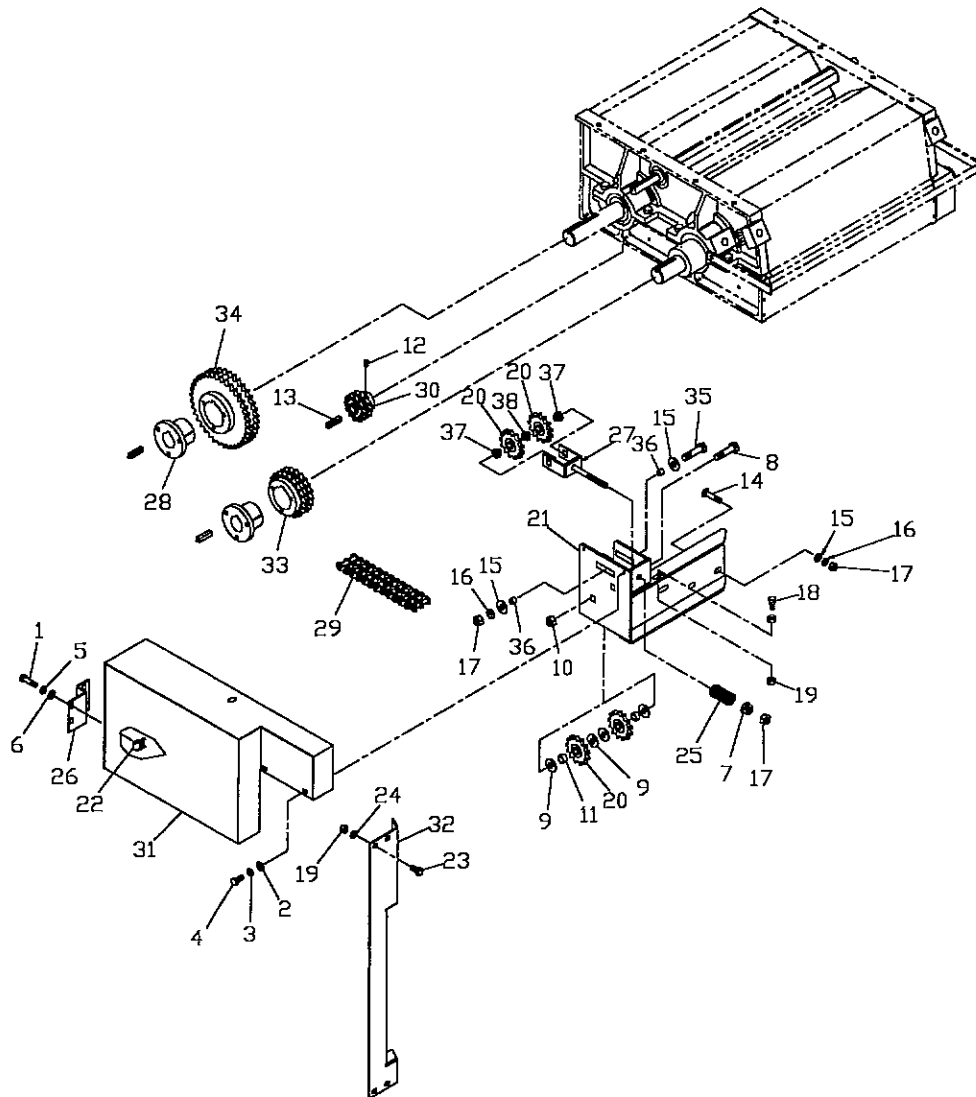


ITEM	PART NUMBER	QTY	DESCRIPTION
1	E126120P	4	Bushing, Machine 3/4" x 1-1/4" x 18ga.
2	P30881P	1	Pulley, Roll Speed Diff. (397400)
2	P30880P	2	Pulley, Roll Speed Diff. (397550)
3	P30953P	1	Tightener Bracket
4	P30957P	1	Spring, Bracket
5	P30880P	1	Pulley, Roll Drive (397400)
6	P30882P	1	Pulley, Agitator
7	P98298P	5	Screw, HSSS 3/8"-16 x 1/2"
8	P98379P	1	Spring (V198-6)
9	P36153P	1	Shaft, Full Thread
10	P99025P	3	Pulley, Idler .634" x 4.37"od
11	P99712P	3	Belt, Roll Drive BB-81
12	014630P	3	Key, SQ 1/4" x 2"
13	020430P	12	Washer, Flat 11/16" x 1-3/4" x 1/8" ZN
14	124340P	1	Pin, Cotter 3/16" x 1-1/2"
15	020450P	2	Nut, Hex 5/8"-11 Gr2 ZN
16	388080P	1	Mount Weldment, Shield
17	P36731P00	1	Guard Weldment, Belt
18	P36735P	1	Bracket, Rear
19	012140P	5	Bolt, HHCS 5/16"-18 x 3/4"
20	023620P	5	Washer, Lock 5/16" ZN
21	023630P	5	Nut, Hex 5/16"-18

NOTES

30" ROLLERMILL CHAIN DRIVE - 397540

SHOWS ASSEMBLY FOR PM20 & PM30

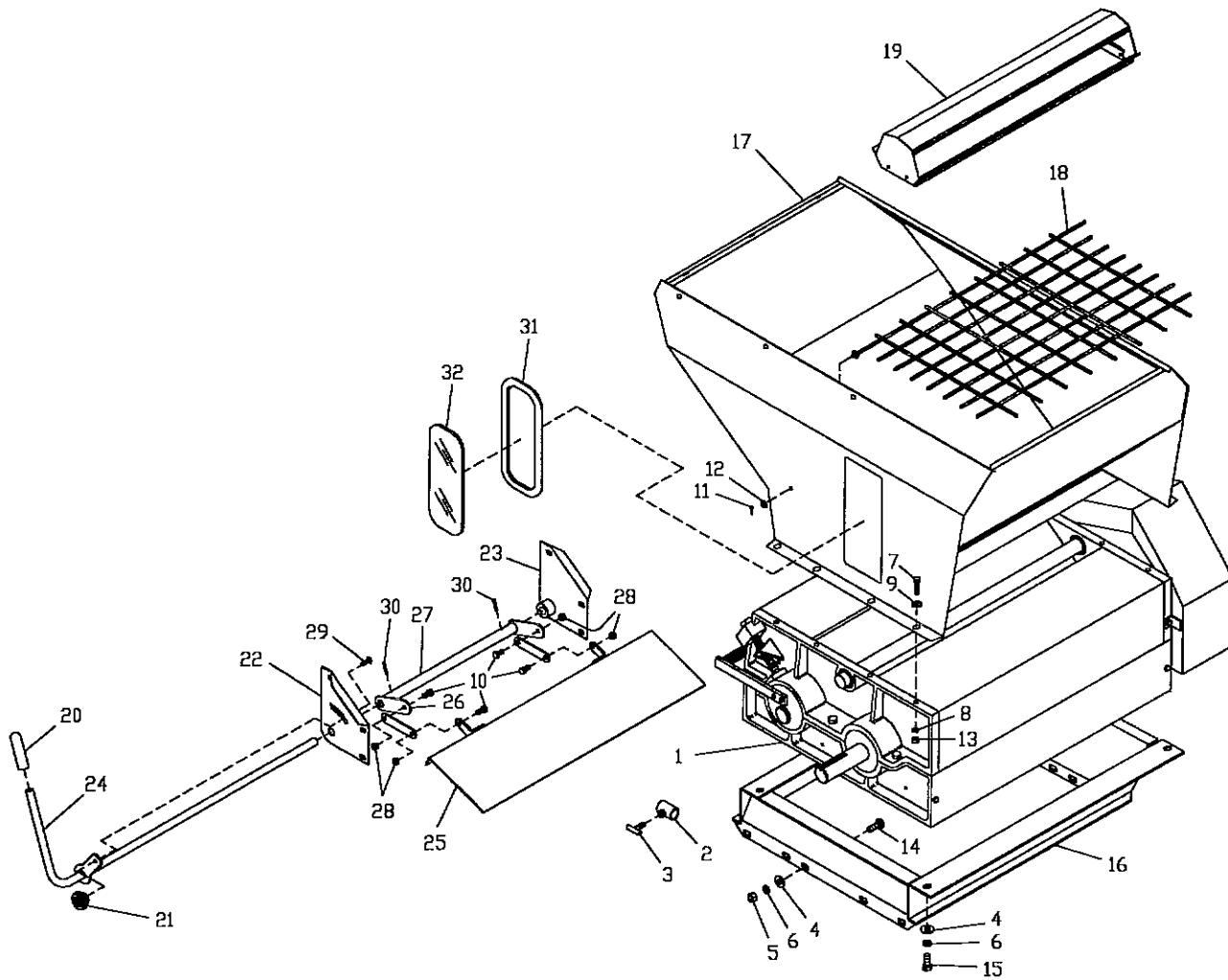


30" ROLLERMILL CHAIN DRIVE - 397540

SHOWS ASSEMBLY FOR PM20 & PM30

ITEM	PART NUMBER	QTY	DESCRIPTION
1	012051P	2	Bolt, HHCS 1/4"-20 x 3/4"
2	023620P	2	Washer, Lock 5/16"
3	022920P	2	Washer, Flat 5/16"
4	392660P	2	Screw, HHTS 5/16"-18 x 3/4"
5	029440P	2	Washer, Lock 1/4"
6	023260P	2	Washer, Flat 1/4"
7	127070P	1	Nut, Washer 1/2"-13 Hex
8	395240P	1	Bolt, HHCS Special
9	035210P	4	Washer, Flat 5/8"
10	038850P	1	Nut, Lock 5/8"-11 Hex
11	395260P	2	Spacer, Idler
12	E672138P	2	Screw, HSSS 1/4"-20
13	014920P	3	Key, SQ 1/4" x 2-1/2"
14	E096046P	4	Bolt, Carriage 1/2"-13 x 1-1/2"
15	005200P	6	Washer, Flat 1/2"
16	005370P	5	Washer, Lock 1/2"
17	005360P	6	Nut, Hex 1/2"-13
18	047570P	1	Bolt, HHCS 3/8"-16 x 1-3/4"
19	027260P	8	Nut, Hex 3/8"-16
20	E366013P	4	Sprocket, Idler 60-13
21	391970P	1	Mount Weldment, Idler
22	I404766R1P	2	Nut, J 1/4"-20
23	012260P	6	Bolt, HHCS 3/8"-16 x 1"
24	021180P	6	Washer, Lock 3/8"
25	395250P	1	Spring
26	392040P	1	Bracket, Mount
27	394420P	1	Bracket Weldment, Tension
28	394470P	2	Bushing, Q1 Special
29	395190P	1	Chain, Roller RC60-2 x 82 P
30	395210P	1	Sprocket
31	395270P00	1	Shield Weldment
32	395610P00	1	Brace Weldment, RH Tank
33	395680P	1	Sprocket
34	395690P	1	Sprocket
35	340300P	1	Bolt, HHCS 1/2"-13 x 4-1/4"
36	402030P	2	Bushing, Slot
37	402040P	2	Bushing, Outer
38	402050P	1	Bushing, Center

30" ROLLERMILL ASSEMBLY WITH OFFSET HOPPPER SHOWS ASSEMBLY FOR PM20 & PM30 - 370040

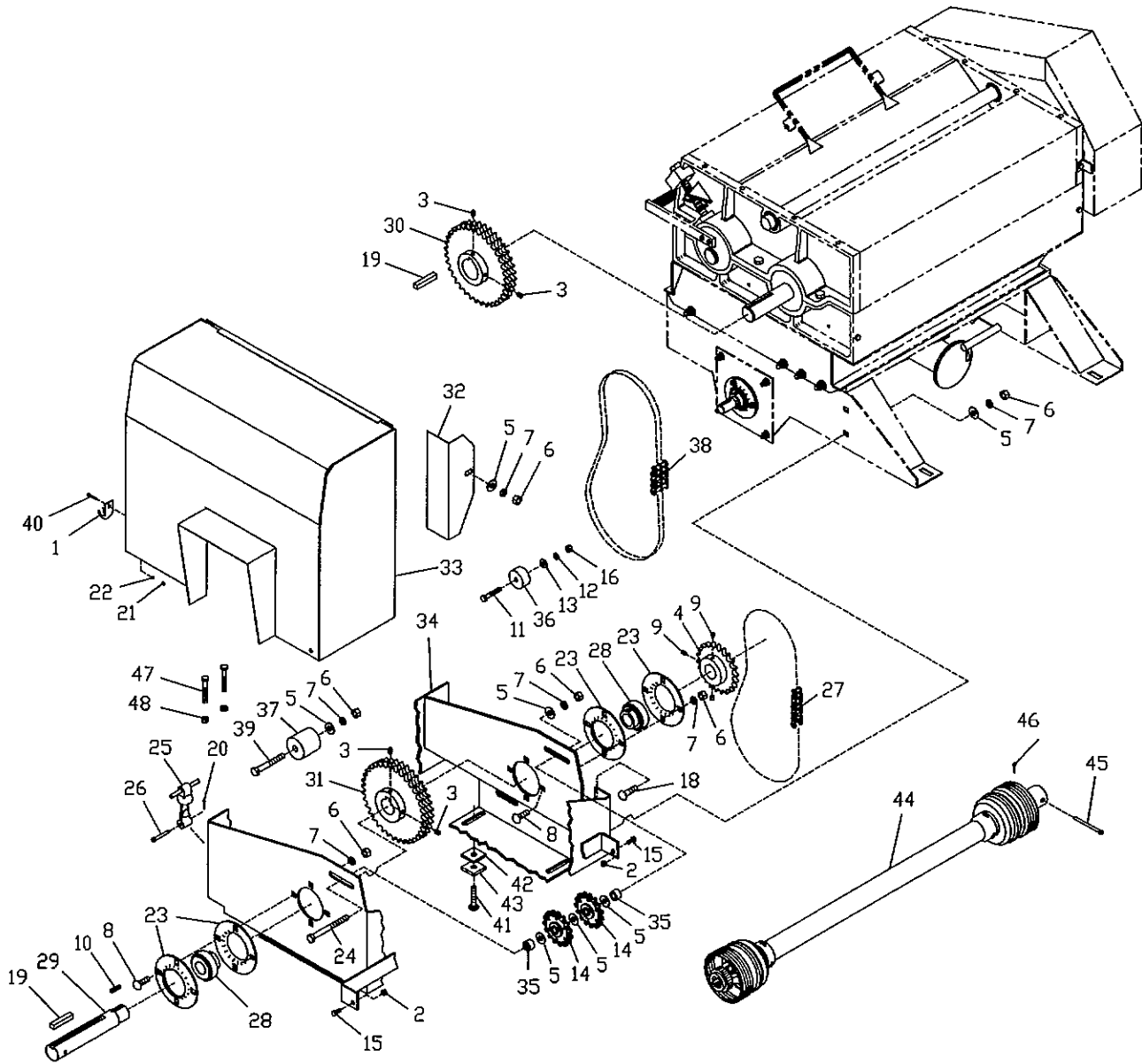


30" ROLLERMILL ASSEMBLY WITH OFFSET HOPPPER

SHOWS ASSEMBLY FOR PM20 & PM30 - 370040

ITEM	PART NUMBER	QTY	DESCRIPTION
1	P30799P00	1	Mill, Basic 30" PTO Roller
2	P36270P	2	Sleeve Weldment
3	P83320P	4	Tee Weldment, Catch
4	005200P	12	Washer, Flat 9/16" x 1-3/8" x 7/64" ZN
5	005360P	8	Nut, Hex 1/2"-13 Gr5 ZN
6	005370P	12	Washer, Lock 1/2" ZN
7	006690P	8	Bolt, HHCS 3/8"-16 x 1-1/4" Gr5 ZN
8	021180P	10	Washer, Lock 3/8" ZN
9	021190P	8	Washer, Flat 7/16" x 1.0" x 5/64" ZN
10	022420P	4	Bolt, HHCS 3/8"-16 x 3/4" Gr5 ZN
11	023090P	1	Pin, Cotter 3/32" x 3/4" ZN
12	023260P	1	Washer, Flat 5/16" x 3/4" x 16ga. ZN
13	027260P	8	Nut, Hex 3/8"-16 Gr5 ZN
14	030470P	8	Bolt, Carriage 1/2"-13 x 1-1/4" SSN Gr5 ZN
15	031080P	4	Bolt, HHCS 1/2"-13 x 1.0" Gr5 ZN
16	371170P00	1	Base Weldment
17	375080P00	1	Hopper Weldment, 30" Offset
18	375130P	1	Grate Weldment, Trash
19	375220P	1	Magnet Assembly, 30" Offset
20	150940P	1	Grip, Round Handle
21	386130P	1	Knob, Fluted w/.31-18 Insert
22	386160P	1	Hanger Weldment, Front
23	386170P	1	Hanger Weldment, Rear
24	386180P	1	Lever Weldment, Lift
25	386220P	1	Gate Weldment
26	386240P	2	Link, Lower
27	386260P	1	Tube Weldment, Link
28	E552044P	4	Nut, Lock 3/8"-16 Hex Top GrA Zn
29	1111267P	1	Bolt, Carriage 5/16"-18 x 1-1/4" Gr5 ZN
30	012560P	2	Pin, Expansion 3/16" x 1.0" ZN
31	012020P	1	Rubber, Window Frame
32	012050P	1	Glass, Window 4-1/2" x 12.0"

540 RPM DRIVE ASSEMBLY, 30" ROLLERMILL SHOWS ASSEMBLY FOR PM20 & PM30 - 368580



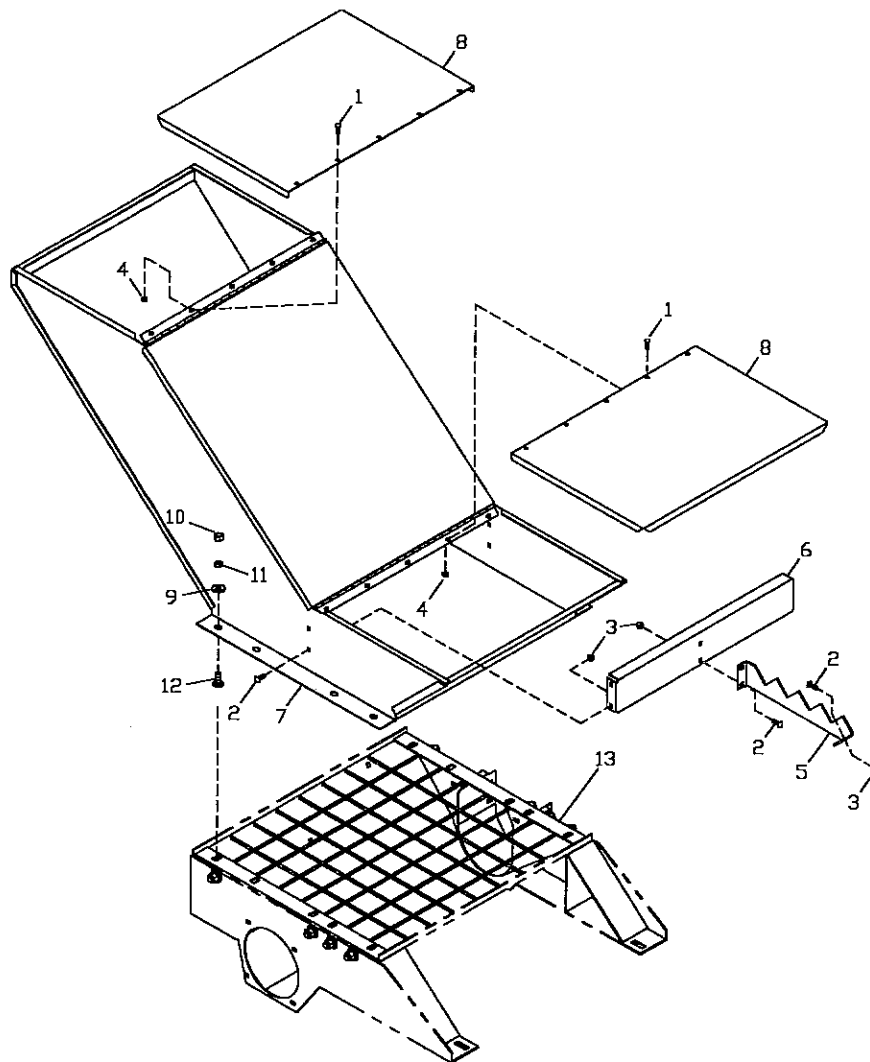
540 RPM DRIVE ASSEMBLY, 30" ROLLERMILL

SHOWS ASSEMBLY FOR PM20 & PM30 - 368580

ITEM	PART NUMBER	QTY	DESCRIPTION
1	E104310P	1	Bracket, Hook
2	E552044P	4	Nut, Lock 3/8"-16 Hex Top GrA ZN
3	I125843P	4	Screw, HSSS 3/8"-16 x 3/8" Gr8 ZN
4	P99637P	1	Sprocket, 60B22 40mm, 1/4" Keyway
5	005200P	20	Washer, Flat 9/16" x 1-3/8" x 7/64" ZN
6	005360P	16	Nut, Hex 1/2"-13 Gr5 Zn
7	005370P	16	Washer, Lock 1/2" ZN
8	005390P	8	Bolt, Carriage 1/2" -13 x 1.0" Gr5 ZN
9	010990P	3	Screw, HSSS 5/16"-18 x 5/16" KNRD CpPT BLO
10	011530P	1	Key, SQ 1/4" x 1-1/4"
11	018150P	1	Bolt, HHCS 3/8-16 x 1-3/4" Gr5 ZN
12	021180P	1	Washer, Lock 3/8" ZN
13	021190P	1	Washer, Flat 7/16" x 1.0" x 5/64" ZN
14	021840P	2	Sprocket, Idler 60A15 w/Bearing
15	022420P	2	Bolt, HHCS 3/8"-16 x 3/4" Gr5 ZN
16	027260P	1	Nut, Hex 3/8"-16 Gr5 ZN
17	-	-	-
18	030470P	2	Bolt, Carriage 1/2"-13 x 1-1/4" SSN Gr5 Zn
19	042040P	2	Key, SQ 1/2" x 2-3/4"
20	116820P	1	Pin, Cotter 1/16" x 3/4" ZN
21	120590P	2	Nut, Hex 10-24 Gr2 ZN
22	120600P	2	Washer, Lock #10 ZN
23	121950P	4	Bearing, Flange 1-5/8" & 1-3/4" 4 Bolt
24	160350P	1	Bolt, HHCS 1/2"-13 x 5.0" Gr5 ZN
25	205650P	1	Hook, Rubber
26	215800P	1	Pin, Clevis 1/4" x 1-5/8" ZN
27	270080P	1	Chain, RC60 -57 Pitches
28	288130P	2	Bearing, SOD 1-3/4" x 85mm w/Collar
29	386400P	1	Shaft
30	386420P	1	Sprocket Assembly, D 60B36 - 1-3/4" Bore
31	386440P	1	Sprocket Assembly, D 60B36 - 2-1/4" Bore
32	387070P00	1	Shield, Filler
33	387140P00	1	Shield Weldment, Main
34	387170P00	1	Mount Weldment, Main Drive
35	387180P	2	Spacer, 9/16" x 5/8" x 1"
36	387190P	1	Block, Wood Idler - Short
37	387200P	1	Block, Wood Idler - Long
38	387210P	1	Chain, RC60-2 64 Pitch
39	990840P	1	Bolt, HHCS 1/2"-13 x 3.0" Gr5 Zn
40	991120P	2	Screw, RHMS 10"-24 x 3/4 Gr2 Slotted ZN
41	991200P	2	Bolt, Carriage 1/2"-13 x 2.0" Gr5 ZN
42	035780P	2	Washer, Flat 1/4" x 1-3/4" SQ. Plain
43	035790P	2	Washer, Flat 3/8" x 1-3/4" SQ. Plain
44	380690P	1	IID Assembly, 1-3/8" 6B x 1-3/4" SBC (See Page 3)
45	036480P	1	Pin, Clevis 5/16" x 3.0" ZN
46	020700P	1	Pin, Cotter 5/32" x 1.0" Chisel Point ZN
47	029930P	2	Bolt, HHCS 3/8"-16 x 2-1/4" Gr5 ZN
48	E552044P	2	Nut, Lock 3/8"-16 Hex Top GrA ZN

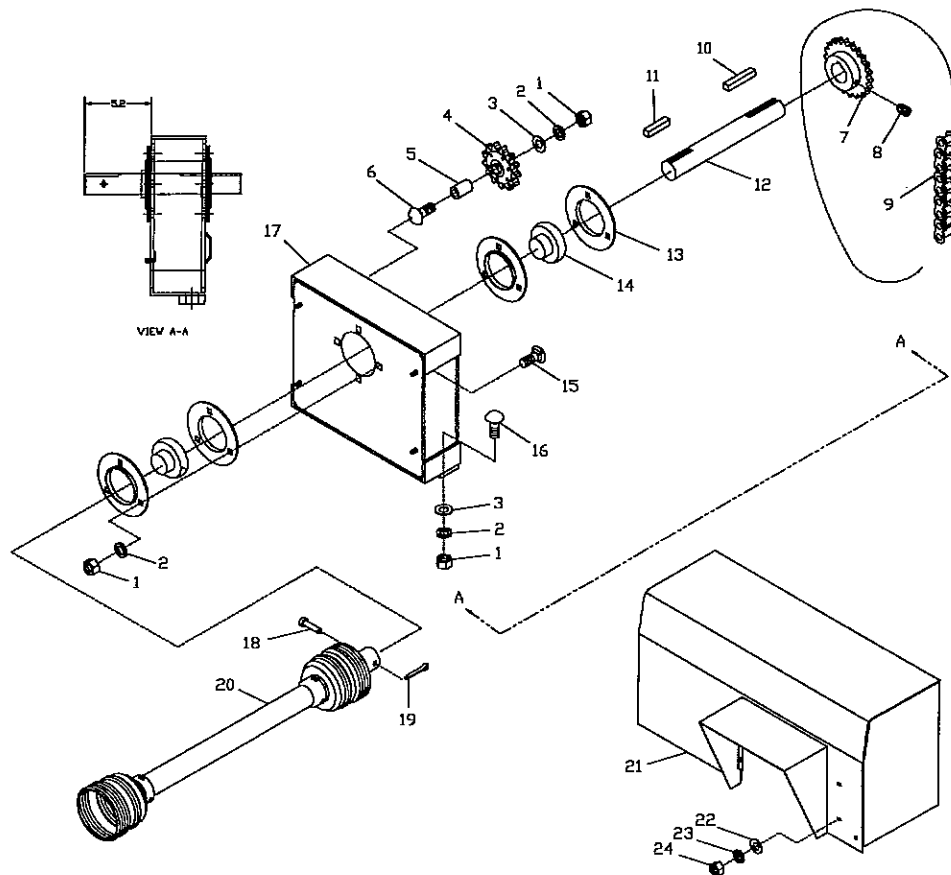
HOPPER ASSEMBLY, INPUT - 362790

SHOWS ASSEMBLY FOR PM20 & PM30



ITEM	PART NUMBER	QTY	DESCRIPTION
1	I598795R1P	10	Bolt, Carriage 1/4"-20 x .75" Gr5 ZN
2	012410P	7	Bolt, Carriage 5/16"-18 x .75" Gr5 ZN
3	020190P	7	Nut, Lock 5/16"-18 Gr5 ZN Flange
4	023270P	10	Nut, Lock 1/4"-20 Gr5 ZN Hex Flange
5	361090P	1	Sack Cutter
6	361100P	1	Channel, Sack Cutter Mounting
7	361110P00	1	Hopper Weldment, Input
8	361070P00	2	Lid, Hopper Lid
9	005200P	8	Washer, Flat 5/8" x 1-3/8" x 7/64" ZN
10	005360P	8	Nut, Hex 1/2"-13 Gr5 ZN
11	005370P	8	Washer, Lock 1/2" ZN
12	005390P	8	Bolt, Carriage 1/2"-13 x 1" Gr5 SSN
13	365980P	1	Grate Weldment, Lower Pan

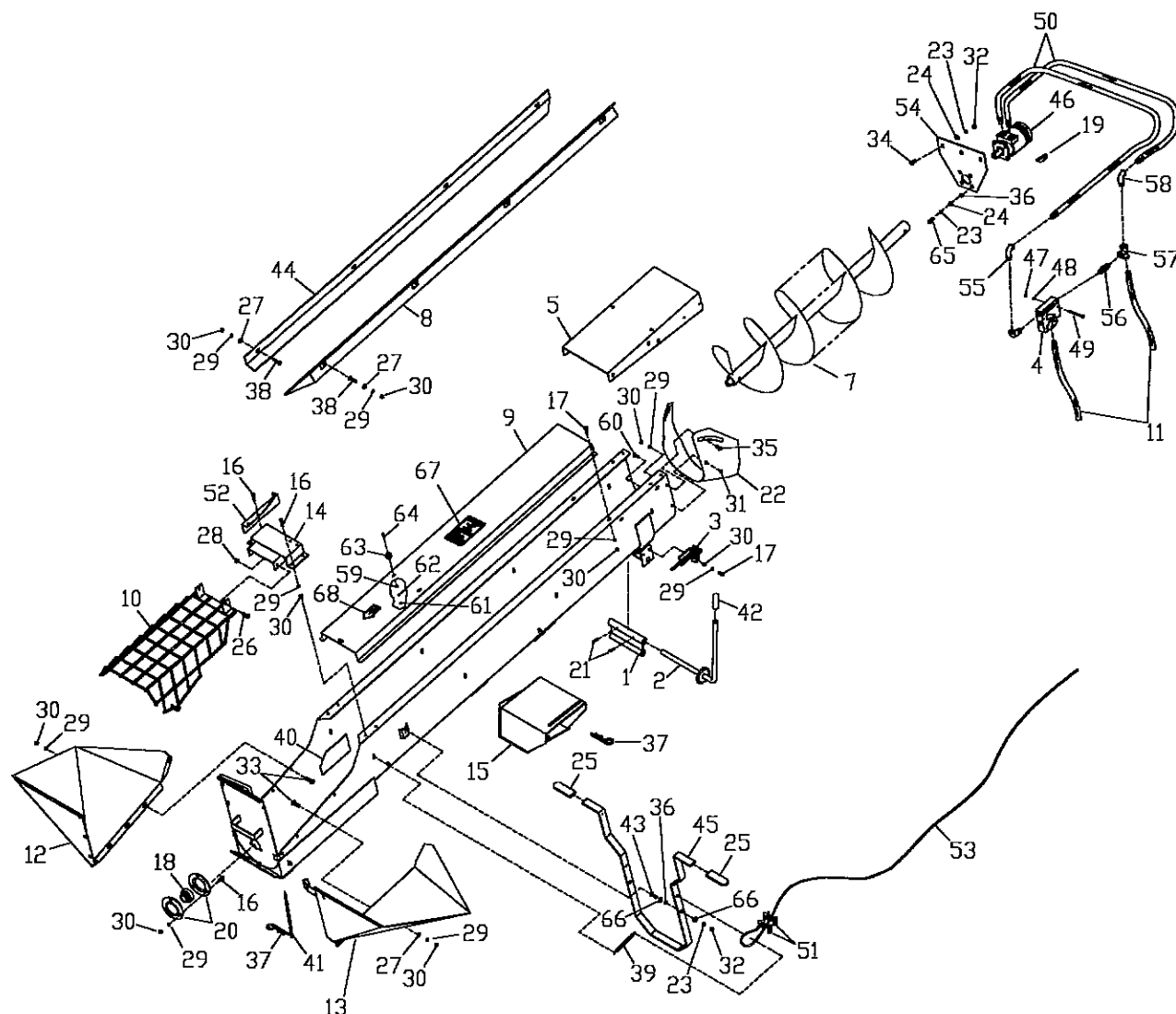
DRIVE, PORTABLE MIXER ONLY - 365060 OR 365070 **SHOWS ASSEMBLY FOR PM20 & PM30**



ITEM	PART NUMBER	QTY	DESCRIPTION
1	005360P	11	Nut, Hex 1/2"-13 Gr5 ZN
2	005370P	11	Washer, Lock 1/2" ZN
3	005200P	3	Washer, Flat 1/2" ZN
4	021840P	1	Sprocket, Idler 60-15 w/Brg
5	366530P	1	Spacer, 7/32" x 1" x 1-1/2"
6	005210P	1	Bolt, Carriage 1/2"-13 x 2-1/4" Gr5 ZN
7	366510P	1	Sprocket, 60B13 w/Keyway 1000 RPM
7	366520P	1	Sprocket, 60B22 w/Keyway 540 RPM
8	010990P	2	Screw, HSSS 5/16"-18 x 5/16" KNRD CpPt BLO
9	366540P	1	Chain, Roller #60 x 60P
9	270080P	1	Chain, Roller #60 x 57P
10	013510P	1	Key, SQ 3/8" x 1-1/4"
11	021530P	1	Key, SQ 3/8" x 2"
12	365870P	1	Shaft, Drive Mixer
13	121950P	4	Flangette, Bearing 1-5/8" & 1-3/4" 4 Bolt
14	121930P	2	Bearing
15	030470P	8	Bolt, Carriage 1/2"-13 x 1-1/4" Gr5 ZN
16	991200P	2	Bolt, Carriage 1/2"-13 x 2" Gr5 ZN
17	365910P	1	Mount Weldment, Drive
18	036480P	1	Pin, Clevis 5/16" x 3" ZN
19	034360P	1	Pin, Cotter 1/8" x 1"
20	354640P	1	IID, 1-3/8"-6B x 1-5/8" (See Page 1)
21	366720P00	1	Shield Weldment, Mixer Drive Only
22	022920P	4	Washer, Flat 5/16" ZN
23	023620P	4	Washer, Lock 5/16" ZN
24	023630P	4	Nut, Hex 5/16"-18 Gr5 ZN

HYDRAULIC AUGER FEEDER ASSEMBLY - 367020 & 367030

SHOWS ASSEMBLY FOR 20" & 26" HAMMERMILLS



ITEM	PART NUMBER	QTY	DESCRIPTION
1	150810P	1	Bracket Weldment., Extension
2	150820P	1	Lever & Ratchet Weldment.
3	150840P	1	Stop & Holder Assembly
4	161510P	1	Valve Assembly, Hyd Flow Con.
5	164630P00	1	Plate Weldment, Hyd A/F Top
6	206750P00	1	Housing Weldment, Auger Feeder
7	206760P	1	Auger Weldment, 10' L.H. Hyd Drag
8	206770P00	1	Angle Weldment, R.H. A/F
9	206790P00	1	Cover Weldment, Hyd A/F Upper
10	210440P	1	Grate Weldment, Auger Feeder
11	007350P	2	Hose, Hydraulic 1/2" x 200
12	210810P00	1	Hopper Weldment
13	210830P00	1	Hopper Weldment, Folding A/F
14	210850P	1	Channel Weldment, A/F Grate Mtg
15	378940P	1	Mount Weldment, Drag
16	005900P	6	Bolt, HHCS 5/16"-18 x 1" Gr5 ZN
17	012140P	18	Bolt, HHCS 5/16"-18 x 3/4" Gr5 ZN
18	1794302P	1	Bearing, 1 Adapter S.O.D.
19	006180P	1	Key, Woodruff 1/4" x 1" - Incl. In Motor #46

HYDRAULIC AUGER FEEDER ASSEMBLY - 367020 & 367030

SHOWS ASSEMBLY FOR 20" & 26" HAMMERMILLS

ITEM	PART NUMBER	QTY	DESCRIPTION
20	012330P	2	Flangette, Bearing 1.0 3 Bolt Rnd
21	012550P	2	Pin, Expansion 1/4" x 1-1/4" ZN
22	015060P00	1	Housing, Down Spout Auger
23	021180P	19	Washer, Lock 3/8" ZN
24	021190P	17	Washer, Flat 7/16" x 1" x 5/64" ZN
25	021560P	2	Grip, Clutch Handle Red 1"-4 x 1-1/4"
26	022420P	2	Bolt, HHCS 3/8"-16 x 3/4" Gr5 ZN
27	022920P	28	Washer, Flat 3/8" x 7/8" x 5/64" ZN
28	023060P	3	Nut, Lock 3/8"-16 Hex GrA
29	023620P	38	Washer, Lock 5/16" ZN
30	023630P	44	Nut, Hex 5/16"-18 Gr5 ZN
31	025670P	2	Nut, Lock 5/16"-18 ZN 2-way Hex
32	027260P	15	Nut, Hex 3/8"-16 Gr5 ZN
33	028230P	9	Screw, Mach 5/16"-18 x 3/4" Gr2 ZN
34	032970P	3	Bolt, Carriage 5/16"-18 x 1" SSN Gr2 ZN
35	033320P	2	Bolt, Step 5/16"-18 x 3/4" Gr2 ZN
36	033460P	6	Spacer, 3/8" x 9/32"
37	035830P	2	Pin, Cotter 3/16" x 3" ZN Internal Hair
38	049290P	4	Bolt, Carriage 5/16"-18 x 1-1/4" SSN Gr2 ZN
39	100750P	2	Spring, Extension 7/16" x 5-3/4"
40	123900P	1	Seal, Drag Feeder Rubber
41	143700P	1	Chain, #16 Single Jack
42	150940P	1	Grip, Round Handle
43	170530P	5	Bolt, Carriage 3/8"-16 x 1" SSN Gr5 ZN
44	206780P	1	Angle, Left Side Drag
45	210860P	1	Handle, Auger Feeder Clutch
46	014280P	1	Motor, Hyd 12ci Displacement
47	027660P	2	Nut, Hex 1/4"-20 Gr5 ZN
48	029440P	2	Washer, Lock 1/4" SAE Medium ZN
49	031560P	2	Bolt, HHCS 1/4"-20 x 2-1/2" Gr5 ZN
50	041740P	2	Hose, Hyd 1/2" x 16'
51	129260P	1	Clip, 1/8" Malleable Wire Rope Galv
52	152310P	1	Bracket, Lever Stop Hyd Con
53	159830P	1	Cable, 1/8" od x 80 oal
54	164620P	1	Plate, Hyd Motor Mount
55	166230P	2	Elbow, Hyd St. 1/2" NPTF x 90 Degrees
56	166250P	2	Fitting, Hyd Nipple 1/2" NPT
57	166290P	1	Adapter, Tee
58	270620P	1	Adapter, 1/2-14 45 Degrees St. EI
59	W144750056P	2	Washer, Flat #10 SAE ZN
60	006880P	2	Bolt, HHCS 5/16"-18 x 5/8" Gr5 ZN
61	120590P	2	Nut, Hex #10-24 Gr2 ZN
62	120600P	2	Washer, Lock #10 ZN
63	212510P	2	Bumper, Rubber
64	991120P	2	Screw, RHMS #10-24 x 3-13/32" Gr2 ZN Slotted
65	012260P	4	Bolt, HHCS 3/8"-16 x 1" Gr5 ZN
66	012270P	4	Washer, Flat 13/32" x 1-3/4" x 9/64" PL
67	383990P	1	Decal, Danger - Auger Feeder
68	158520P	1	Decal, Auger Feeder Stop A-W

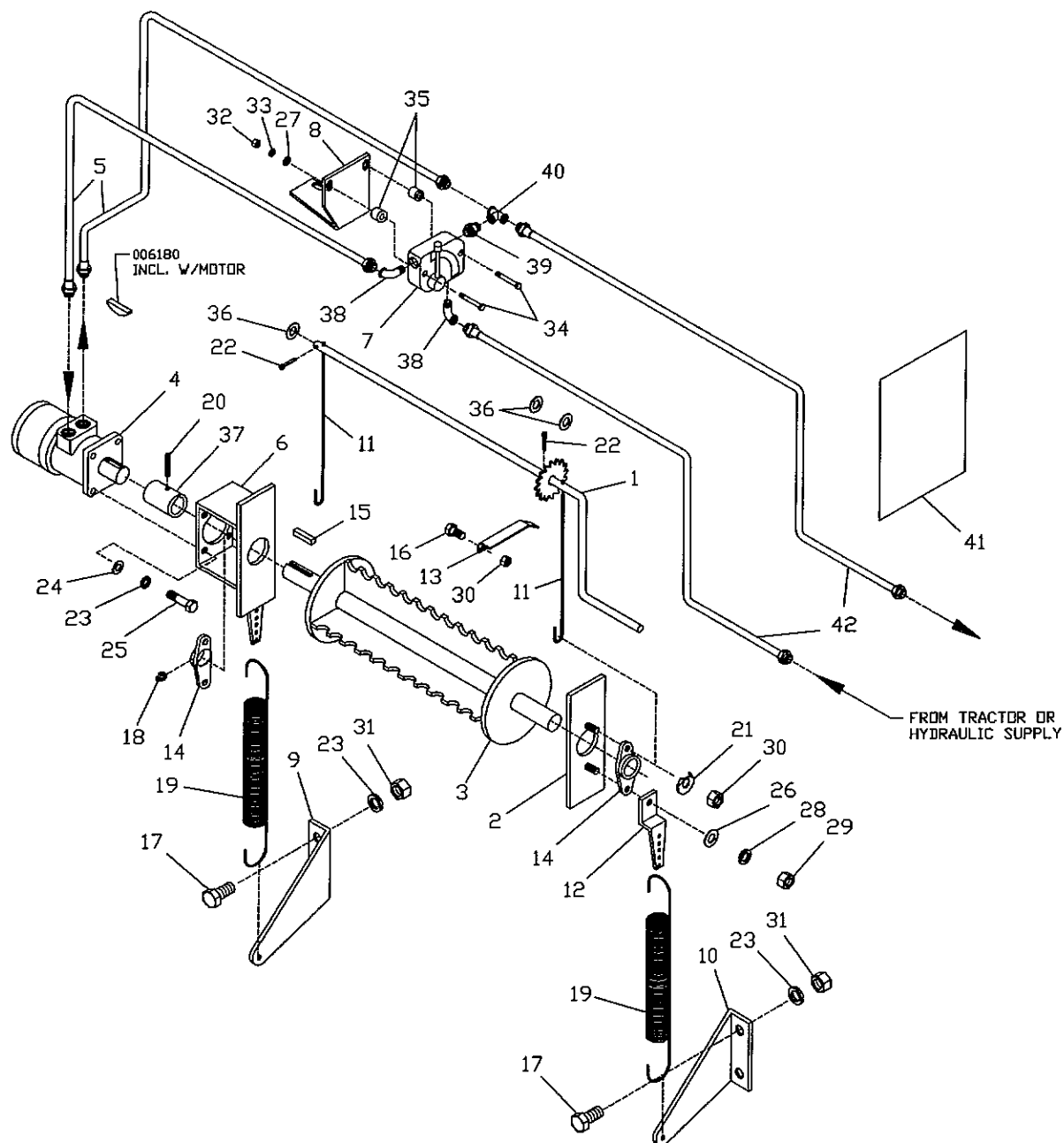
This exploded perspective view shows the main components of the device. The assembly includes a base structure (1) with a vertical support (2) and a horizontal arm (3). A curved member (4) is shown in two positions: one attached to the base and another shown separately. A long, thin member (5) is connected to the base via a pin (6). A coiled spring (7) is attached to the base and the arm. A curved member (8) is shown in two positions: one attached to the base and another shown separately. A curved member (9) is shown in two positions: one attached to the base and another shown separately. A curved member (10) is shown in two positions: one attached to the base and another shown separately. A curved member (11) is shown in two positions: one attached to the base and another shown separately. A curved member (12) is shown in two positions: one attached to the base and another shown separately. A curved member (13) is shown in two positions: one attached to the base and another shown separately. A curved member (14) is shown in two positions: one attached to the base and another shown separately. A curved member (15) is shown in two positions: one attached to the base and another shown separately. A curved member (16) is shown in two positions: one attached to the base and another shown separately. A curved member (17) is shown in two positions: one attached to the base and another shown separately. A curved member (18) is shown in two positions: one attached to the base and another shown separately. A curved member (19) is shown in two positions: one attached to the base and another shown separately. A curved member (20) is shown in two positions: one attached to the base and another shown separately. A curved member (21) is shown in two positions: one attached to the base and another shown separately. A curved member (22) is shown in two positions: one attached to the base and another shown separately. A curved member (23) is shown in two positions: one attached to the base and another shown separately. A curved member (24) is shown in two positions: one attached to the base and another shown separately. A curved member (25) is shown in two positions: one attached to the base and another shown separately. A curved member (26) is shown in two positions: one attached to the base and another shown separately. A curved member (27) is shown in two positions: one attached to the base and another shown separately. A curved member (28) is shown in two positions: one attached to the base and another shown separately. A curved member (29) is shown in two positions: one attached to the base and another shown separately. A curved member (30) is shown in two positions: one attached to the base and another shown separately. A curved member (31) is shown in two positions: one attached to the base and another shown separately. A curved member (32) is shown in two positions: one attached to the base and another shown separately.

SPRING SUPPORT ASSEMBLY

FOR USE ON 20" HAMMERMILL ONLY

ITEM	PART NUMBER	QTY	DESCRIPTION
1	206730P00	1	Swivel Weldment, Drag Support
2	366560P00	1	Support Weldment, Bottom
3	152870P	1	Channel, Ratchet Lever Mounting
4	152880P	1	Bar, Ratchet
5	131960P	1	Link, Spring Assist Vertical
6	015120P	1	Pin, Drag 3/4" x 10"
7	377840P00	1	Strap, Reinforcement
8	-	-	-
9	211490P	1	Rope, Polypropylene 102" Long
10	113470P	1	Spring, 2" x 14"
11	113490P	1	Nut, Spring Retaining 1/2"-13
12	100750P	1	Spring, Extension 7/16" Dia. x 5-3/4" Long
13	007080P	2	Bolt, HHCS 1/2"-13 x 2-1/2" Gr5 ZN
14	127890P	3	Nut, Lock 1/2"-13 Hex GrA CAD
15	013800P	1	Bolt, HHCS (Special) 1/2"-13 x 5" Gr5 ZN
16	005200P	1	Washer, Flat 1/2" ZN
17	160350P	1	Bolt, HHCS 1/2"-13 x 5" Gr5 ZN
18	161540P	1	Pin Weldment, Pivot
19	030470P	-	Bolt, Carriage 1/2"-13 x 1-1/4" Gr5 ZN
20	-	-	-
21	012260P	1	Bolt, HHCS 3/8"-16 x 1" Gr5 ZN
22	023060P	2	Nut, Lock 3/8"-16 GrA Hex
23	027260P	-	Nut, Hex 3/8"-16 Gr5 ZN
24	021180P	10	Washer, Lock 3/8" ZN
25	026630P	2	Pin, Cotter 5/32" x 1-1/2" ZN
26	013600P	1	Pin, Roll 1/4" x 2" ZN
27	012420P	1	Bolt, Carriage 3/8"-16 x 1-1/2" Gr2 ZN
28	012270P	1	Washer, Flat 3/8" PLN
29	160560P	1	Handle Assembly, Brake

20" HYDRAULIC ROLL FEED W/O AUGER FEEDER **SHOWS ASSEMBLY FOR PM20 & PM30 - 367200**



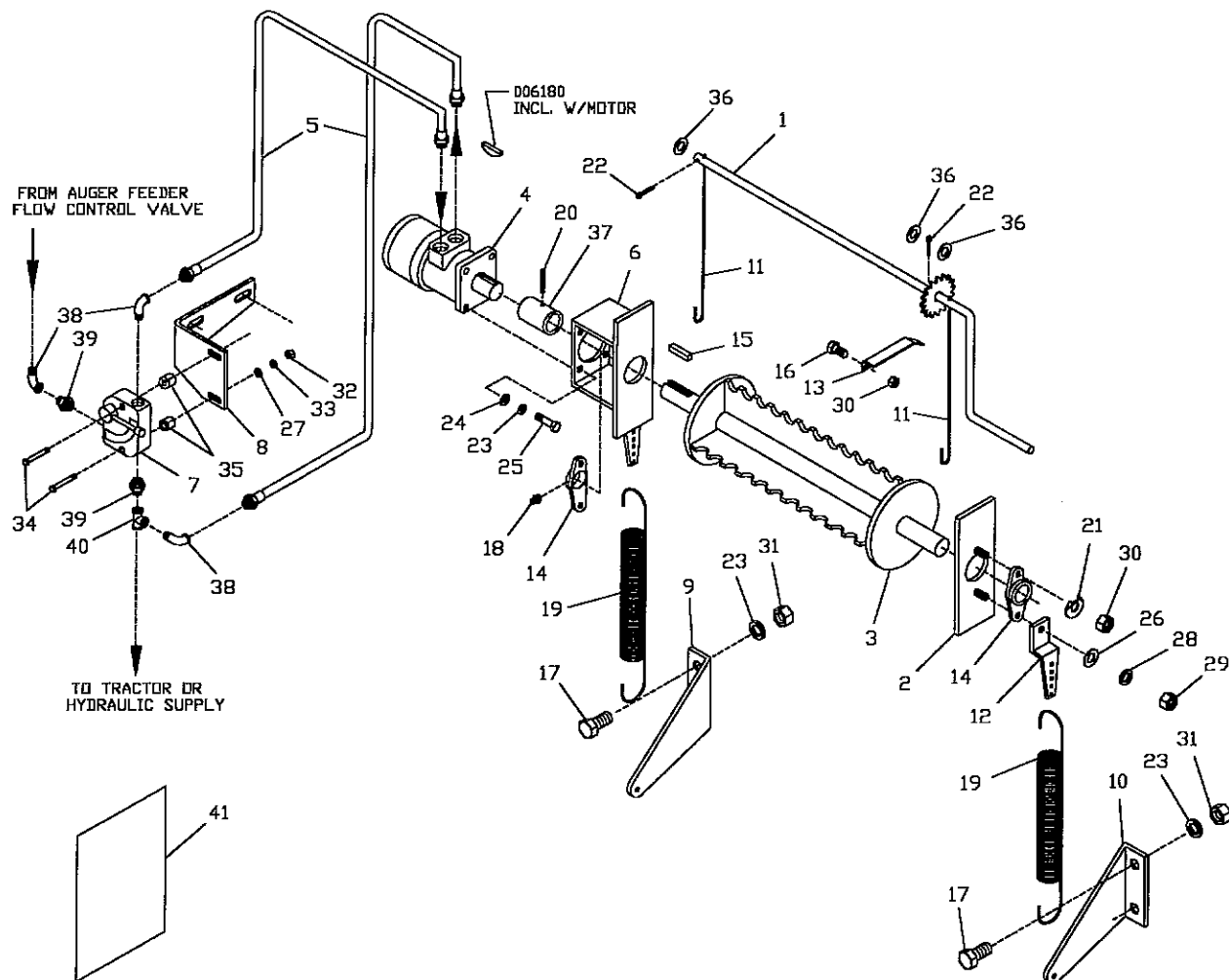
20" HYDRAULIC ROLL FEED W/O AUGER FEEDER

SHOWS ASSEMBLY FOR PM20 & PM30 - 367200

ITEM	PART NUMBER	QTY	DESCRIPTION
1	007960P	1	Crank Weldment
2	013330P	1	Plate Weldment, Sliding Roll
3	013340P	1	Rotor Weldment Mill Throat
4	014280P	1	Motor, Hydraulic 12 Cu. In. Displacement
5	046640P	2	Hose, Hydraulic 1/2"x 30 Male Swivel (2)
6	160130P	1	Mount Weldment, Roll Feed Motor
7	161510P	1	Valve Assembly, Hydraulic Flow Control
8	213000P	1	Bracket, Flow Control w/o Auger Feeder
9	366920P	1	Bracket, Left Lower
10	366930P	1	Bracket, Right Lower
11	007880P	2	Cable, Roll Feed Adjustment 1/8 od x 7 x 19 x 12 oal
12	007900P	1	Bracket, Upper Spring
13	007930P	1	Lock, Roll Feed Ratchet
14	011200P	2	Bearing, Roll Feed
15	011530P	1	Key, SQ. 1/4" x 1-1/4"
16	012140P	1	Bolt, HHCS 5/16"-18 x 3/4" Gr5 ZN
17	012260P	4	Bolt, HHCS 3/8"-16 x 1" Gr5 ZN
18	013170P	2	Zerk, 1/8"-27 NPT Short Grease
19	017200P	2	Spring, Roll Feed Only
20	018920P	1	Pin, Roll 1/4" x 1-3/4" ZN Tension
21	019050P	2	Washer, Lock 5/16 x 1 x 17ga Special
22	020700P	2	Pin, Cotter 5/32" x 1" ZN
23	021180P	8	Washer, Lock 3/8" ZN
24	021190P	8	Washer, Flat 3/8" Standard ZN
25	022420P	4	Bolt, HHCS 3/8"-16 x 3/4" Gr5 ZN
26	022920P	4	Washer, Flat 5/16" Standard ZN
27	023260P	2	Washer, Flat 1/4" Standard ZN
28	023620P	4	Washer, Lock 5/16" ZN
29	023630P	4	Nut, Hex 5/16"-18 Gr5 ZN
30	025670P	3	Nut, Hex Lock 5/16"-18 ZN 2-way Hex
31	027260P	4	Nut, Hex 3/8"-16 Gr5 ZN
32	027660P	2	Nut, Hex 1/4"-20 Gr5 ZN
33	029440P	2	Washer, Lock 1/4" ZN
34	031560P	2	Bolt, HHCS 1/4"-20 x 2-1/2" Gr5 ZN
35	033460P	2	Spacer, 3/8" x 9/32"
36	035210P	4	Washer, Flat 5/8" SAE ZN
37	160140P	1	Collar, Shaft Roll Feed
38	166230P	3	Elbow, Hydraulic STL. 1/2" NPTF x 90 Degrees
39	166250P	2	Fitting, Hydraulic Nipple 1/2 NPT Hex Steel
40	166290P	1	Adapter, Tee
41	367230P	1	Instructions, Install Roll Feed
42	164560P	2	Hose, Hyd 1/2" x 120

20" HYDRAULIC ROLL FEED W/AUGER FEEDER

SHOWS ASSEMBLY FOR PM20 & PM30 - 367460

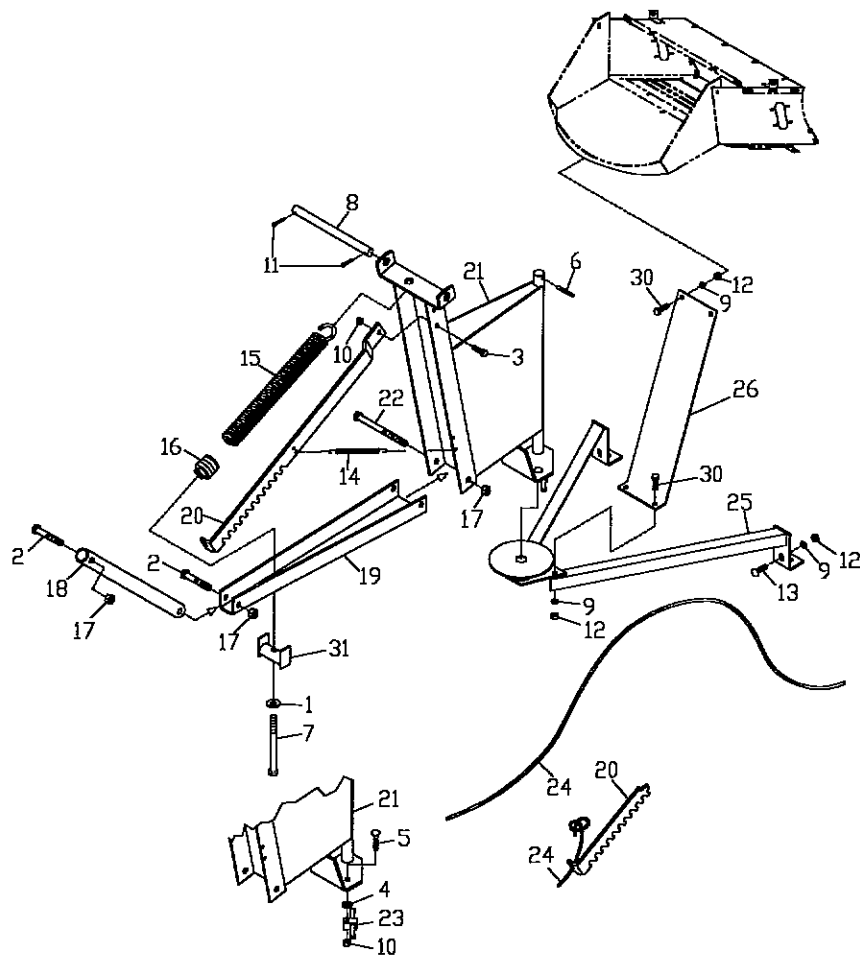


20" HYDRAULIC ROLL FEED W/AUGER FEEDER

SHOWS ASSEMBLY FOR PM20 & PM30 - 367460

ITEM	PART NUMBER	QTY	DESCRIPTION
1	007960P	1	Crank Weldment
2	013330P	1	Plate Weldment, Sliding Roll
3	013340P	1	Rotor Weldment Mill Throat
4	014280P	1	Motor, Hydraulic 12 Cu. In. Displacement
5	023170P	2	Hose, Hyd 1/2" x 55"
6	160130P	1	Mount Weldment, Roll Feed Motor
7	161510P	1	Valve Assembly, Hydraulic Flow Control
8	212660P	1	Bracket, Selector valve w/auger feeder
9	366920P	1	Bracket, Left Lower
10	366930P	1	Bracket, Right Lower
11	007880P	2	Cable, 1/8" x 7" x 19" x 12" oal
12	007900P	1	Bracket, Upper Spring
13	007930P	1	Lock, Roll Feed Ratchet
14	011200P	2	Bearing, Roll Feed
15	011530P	1	Key, SQ 1/4" x 1-1/4"
16	012140P	1	Bolt, HHCS 5/16"-18 x 3/4" Gr5 ZN
17	012260P	4	Bolt, HHCS 3/8"-16 x 1" Gr5 ZN
18	013170P	2	Zerk, 1/8"-27 NPT Short Grease
19	017200P	2	Spring, Roll Feed Only
20	018920P	1	Pin, Roll 1/4" x 1-3/4" ZN Tension
21	019050P	2	Washer, Lock 5/16" x 1" x 17ga Special
22	020700P	2	Pin, Cotter 5/32" x 1" ZN
23	021180P	8	Washer, Lock 3/8" ZN
24	021190P	8	Washer, Flat 3/8" Standard ZN
25	022420P	4	Bolt, HHCS 3/8"-16 x 3/4" Gr5 ZN
26	022920P	4	Washer, Flat 5/16" Standard ZN
27	023260P	2	Washer, Flat 1/4" Standard ZN
28	023620P	4	Washer, Lock 5/16" ZN
29	023630P	4	Nut, Hex 5/16"-18 Gr5 ZN
30	025670P	3	Nut, Lock 5/16"-18 ZN 2-way Hex
31	027260P	4	Nut, Hex 3/8"-16 Gr5 ZN
32	027660P	2	Nut, Hex 1/4"-20 Gr5 ZN
33	029440P	2	Washer, Lock 1/4" ZN
34	031560P	2	Bolt, HHCS 1/4"-20 x 2-1/2" Gr5 ZN
35	033460P	2	Spacer, 3/8" x 9/32"
36	035210P	4	Washer, Flat 5/8" SAE ZN
37	160140P	1	Collar, Shaft Roll Feed
38	166230P	3	Elbow, Hydraulic STL. 1/2" NPTF x 90 Degrees
39	166250P	2	Fitting, Hydraulic Nipple
40	166290P	1	Adapter, Tee
41	367230P	1	Instructions, Install Roll Feed

SPRING SUPPORT ASSEMBLY FOR USE ON 26" HAMMERMILL ONLY

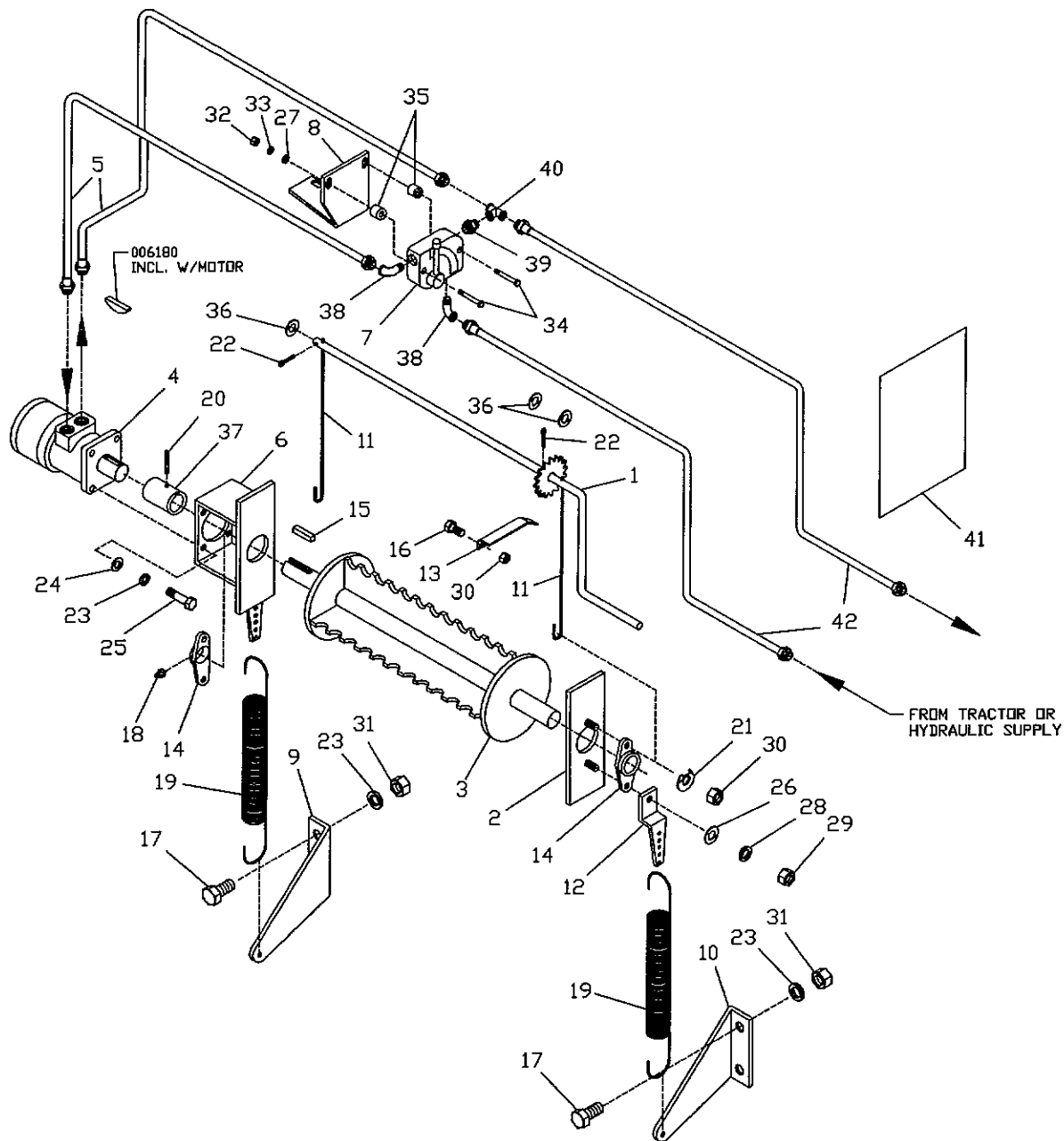


SPRING SUPPORT ASSEMBLY

FOR USE ON 26" HAMMERMILL ONLY

ITEM	PART NUMBER	QTY	DESCRIPTION
1	005200P	1	Washer, Flat 9/16" x 1-3/8" x 1-3/32" ZN
2	007080P	2	Bolt, HHCS 1/2"-13" x 2-1/2" Gr5 ZN
3	012260P	1	Bolt, HHCS 3/8"-16 x 1" Gr5 ZN
4	012270P	1	Washer, Flat 13/32" x 1-3/4" x 9/64" PL
5	012420P	1	Bolt, Carriage 3/8"-16 x 1-1/2" Gr2 ZN
6	013600P	1	Pin, Roll 1/4" Dia x 2 ZN
7	013800P	1	Bolt, HHCS 1/2"-13 x 5" Gr5 ZN
8	015120P	1	Pin, Drag 3/4" x 10"
9	021180P	10	Washer, Lock 3/8" ZN
10	023060P	2	Nut, Lock 3/8"-16 Hex GrA
11	026630P	2	Pin, Cotter 5/32" x 1-1/2" ZN
12	020180P	10	Nut, Lock 3/8"-16 Gr5 ZN Hex FLG
13	032840P	6	Bolt, Carriage 3/8"-16 x 3/4" SSN Gr5 ZN
14	100750P	1	Spring, Extension 7/16" x 5-3/4"
15	113470P	1	Spring, 2" x 14"
16	113490P	1	Nut, Spring Retaining 1/2"-13
17	127890P	3	Nut, Lock 1/2"-13 Hex GrA CAD
18	131960P	1	Link, Spring Assist Vertical
19	152870P00	1	Channel, Ratchet Lever Mtg.
20	152880P	1	Bar, Ratchet
21	159810P00	1	Support Weldment., A/F Swivel
22	160350P	1	Bolt, HHCS 1/2"-13 x 5" Gr5 ZN
23	160560P	1	Handle Assembly, Brake
24	211490P	1	Rope, Polypropylene 102" Long
25	366470P00	1	Support Weldment., 26" Lower
26	379430P00	1	Strap, Rein. Mill To Swivel Support
27	161540P	1	Pin Weldment, Pivot

26" HYDRAULIC ROLL FEED W/O AUGER FEEDER **SHOWS ASSEMBLY FOR PM20 & PM30 - 367210**

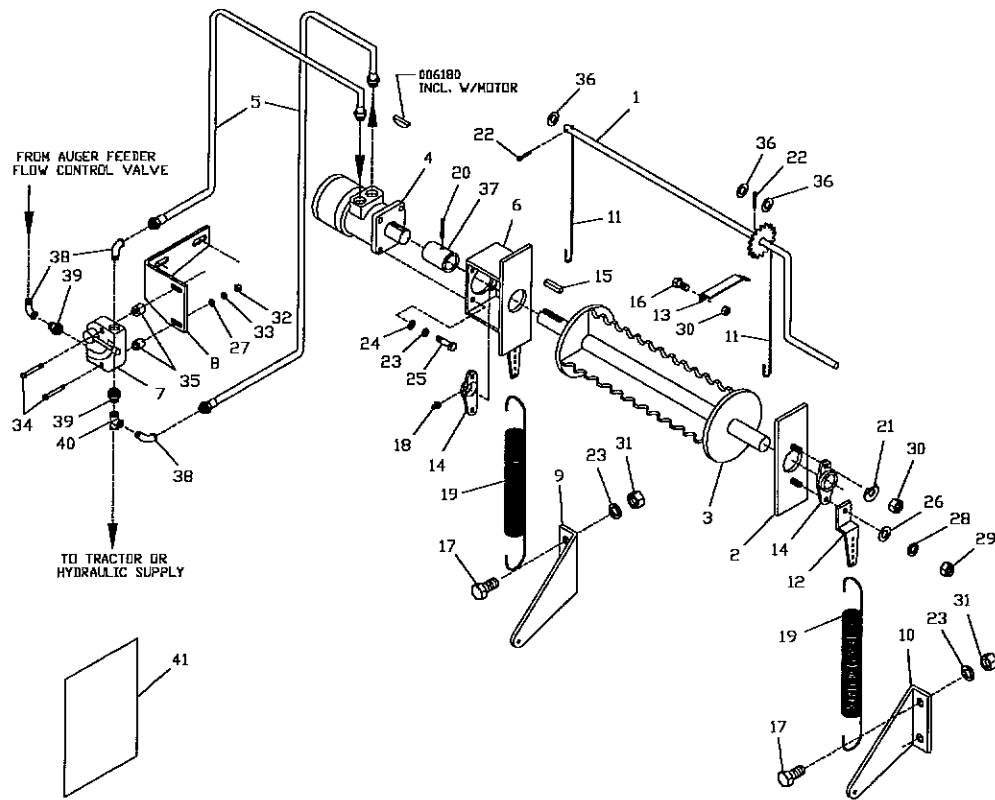


26" HYDRAULIC ROLL FEED W/O AUGER FEEDER

SHOWS ASSEMBLY FOR PM20 & PM30 - 367210

ITEM	PART NUMBER	QTY	DESCRIPTION
1	160120P	1	Crank Weldment, Roll Feed
2	013330P	1	Plate Weldment, Sliding Roll
3	160110P	1	Rotor Weldment Roll Feed
4	014280P	1	Motor, Hydraulic 12 Cu. In. Displacement
5	046640P	2	Hose, Hydraulic 1/2" NPT x 30 Male Swivel (2)
6	160130P	1	Mount Weldment, Roll Feed Motor
7	161510P	1	Valve Assembly, Hydraulic Flow Control
8	213000P	1	Bracket, Flow Control w/o auger feeder
9	366920P	1	Bracket, Left Lower
10	366930P	1	Bracket, Right Lower
11	007880P	2	Cable, 1/8" x 7" x 19" x 12" oal
12	007900P	1	Bracket, Upper Spring
13	007930P	1	Lock, Roll Feed Ratchet
14	011200P	2	Bearing, Roll Feed
15	011530P	1	Key, SQ 1/4" x 1-1/4"
16	012140P	1	Bolt, HHCS 5/16"-18 x 3/4" Gr5 ZN
17	012260P	4	Bolt, HHCS 3/8"-16 x 1" Gr5 ZN
18	013170P	2	Zerk, 1/8"-27 NPT Short Grease
19	017200P	2	Spring, Roll Feed Only
20	018920P	1	Pin, Roll 1/4" x 1-3/4" ZN Tension
21	019050P	2	Washer, Lock 5/16" special
22	020700P	2	Pin, Cotter 5/32" x 1" Chisel Pt. ZN
23	021180P	8	Washer, Lock 3/8" ZN
24	021190P	8	Washer, Flat 3/8" Standard ZN
25	022420P	4	Bolt, HHCS 3/8"-16 x 3/4" Gr5 ZN
26	022920P	4	Washer, Flat 5/16" Standard ZN
27	023260P	2	Washer, Flat 1/4" Standard ZN
28	023620P	4	Washer, Lock 5/16" ZN
29	023630P	4	Nut, Hex 5/16"-18 Gr5 Zn
30	025670P	3	Nut, Lock 5/16"-18 ZN 2-way hex
31	027260P	4	Nut, Hex 3/8"-16 Gr5 ZN
32	027660P	2	Nut, Hex 1/4"-20 Gr5 ZN
33	029440P	2	Washer, Lock 1/4" ZN
34	031560P	2	Bolt, HHCS 1/4"-20 x 2-1/2" Gr5 ZN
35	033460P	2	Spacer, 3/8" x 9/32"
36	035210P	4	Washer, Flat 5/8" SAE ZN
37	160140P	1	Collar, Shaft Roll Feed
38	166230P	3	Elbow, Hydraulic STL. 1/2" NPTF x 90 degrees
39	166250P	2	Fitting, Hydraulic Nipple 1/2" NPTF Hex Steel
40	166290P	1	Adapter, Tee
41	367230P	1	Instructions, Install Roll Feed
42	164560P	2	Hose, Hyd 1/2" x 120"

26" HYDRAULIC ROLL FEED W/AUGER FEEDER **SHOWS ASSEMBLY FOR PM20 & PM30 - 367190**

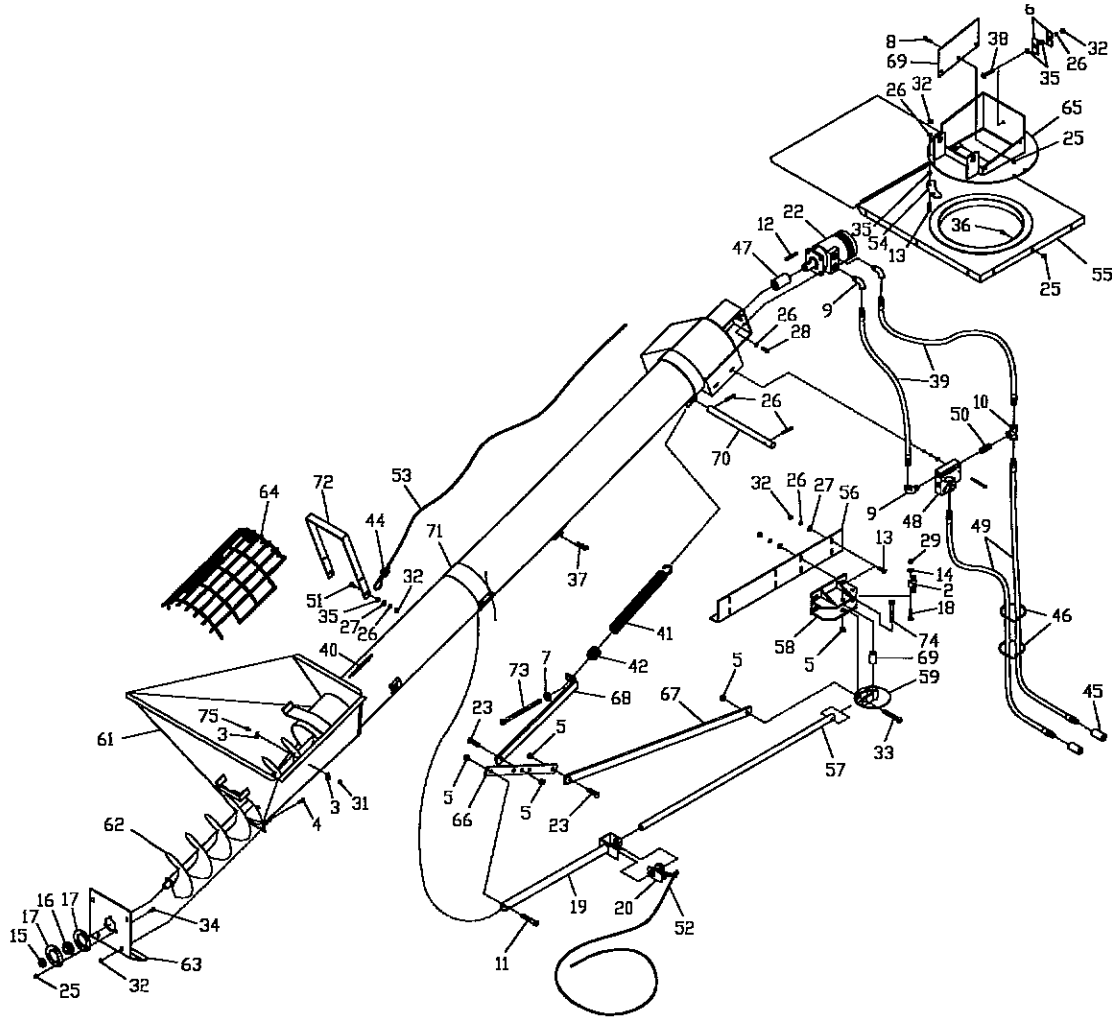


26" HYDRAULIC ROLL FEED W/AUGER FEEDER

SHOWS ASSEMBLY FOR PM20 & PM30 - 367190

ITEM	PART NUMBER	QTY	DESCRIPTION
1	160120P	1	Crank Weldment, Roll Feed
2	013330P	1	Plate, Weldment Sliding Roll
3	160110P	1	Rotor Weld, Roll Feed
4	014280P	1	Motor, Hydraulic 12 Cu. In. Displacement
5	023170P	2	Hose, Hydraulic, 1/2" x 55'
6	160130P	1	Mount Weldment Roll Feed Motor
7	161510P	1	Valve Assembly, Hydraulic Flow Control
8	212660P	1	Bracket, Selector Valve w/Auger feeder
9	366920P	1	Bracket, Left Lower
10	366930P	1	Bracket, Right Lower
11	007880P	2	Cable, 1/8" x 7" x 19" x 12" oal
12	007900P	1	Bracket, Upper Spring
13	007930P	1	Lock, Roll Feed Ratchet
14	011200P	2	Bearing, Roll Feed
15	011530P	1	Key, SQ 1/4" x 1-1/4"
16	012140P	1	Bolt, HHCS 5/16"-18 x 3/4" Gr5 ZN
17	012260P	4	Bolt, HHCS 3/8"-16 x 1" Gr5 ZN
18	013170P	2	Zerk, 1/8" NPT Sh. Grease
19	017200P	2	Spring, Roll Feed Only
20	018920P	1	Pin, Roll 1/4" x 1-3/4" ZN Tension
21	019050P	2	Washer, Lock 5/16" x 1" 17ga special
22	020700P	2	Pin, Cotter 5/32" x 1" ZN
23	021180P	8	Washer, Lock 3/8" ZN
24	021190P	8	Washer, Flat 3/8" Standard ZN
25	022420P	4	Bolt, HHCS 3/8"-16 x 3/4" Gr5 Zn
26	022920P	4	Washer, Flat 5/16" Standard ZN
27	023260P	2	Washer, Flat 1/4" Standard ZN
28	023620P	4	Washer, Lock 5/16" ZN
29	023630P	4	Nut, Hex 5/16"-18 Gr5 ZN
30	025670P	3	Nut, Lock 5/16"-18 ZN 2-way Hex
31	027260P	4	Nut, Hex 3/8"-16 Gr5 ZN
32	027660P	2	Nut, Hex 1/4"-20 Gr5 ZN
33	029440P	2	Washer, Lock 1/4" ZN
34	031560P	2	Bolt, HHCS 1/4"-20 x 2-1/2" Gr5 ZN
35	033460P	2	Spacer, 3/8" x 9/32"
36	035210P	4	Washer, Flat 5/8" ZN
37	160140P	1	Collar, Shaft Roll Feed
38	166230P	3	Elbow, Hydraulic Std. 1/2" NPTF x 90 degrees
39	166250P	2	Fitting, Hydraulic Nipple 1/2" NPTF Hex Steel
40	166290P	1	Adapter, Tee
41	367230P	1	Instructions, Install Roll Feed

AUGER FEEDER ASSEMBLY, 20" ROLLERMILL SHOWS ASSEMBLY FOR PM20 & PM30 - 370260



ITEM	PART NUMBER	QTY	DESCRIPTION
1	025670P	2	Nut, Lock 5/16"-18
2	160560P	1	Handle Assembly, Brake
3	E180006P	3	Clip, Wire
4	I14994R1P	4	Bolt, Carriage 5/16"-18 x 3/4" Square Neck, Gr2
5	I9413967P	6	Nut, Lock 1/2"-13 GrB CAD 2-way Plated
6	JN185041P	2	Clamp, Hose - Short
7	005200P	1	Washer, Flat 9/16" x 1-3/8" x 7/64" ZN
8	005900P	3	Bolt, HHCS 5/16"-18 x 1.0" Gr5 ZN
9	006240P	3	Elbow, 1/2" x 90° Street
10	006320P	1	Tee, 1/2" Pipe ZN
11	007080P	1	Bolt, HHCS 1/2"-13 x 2-1/2" Gr5 ZN
12	011530P	1	Key, Square 1/4" x 1-1/4"
13	012260P	15	Bolt, HHCS 3/8"-16 x 1.0" Gr5 ZN
14	012270P	1	Washer, 13/32" x 1-3/4" x 9/64" Plain
15	012300P	1	Collar, Lock 1.0" Eccentric
16	012310P	1	Bearing, SOD 1.0" Adapter
17	012330P	2	Flangette, 7/8" x 1.0" Bearing, 3 Bolt Round
18	012420P	1	Bolt, Carriage 3/8"-16 x 1-1/2" Gr2 ZN
19	014130P	1	Support Weldmentt, Pipe Jack Top
20	014140P	1	Clamp Weldmentt, Drag Feed Only
21	-	-	-
22	014280P	1	Motor, Hydraulic 12 Cu. In. Displ.

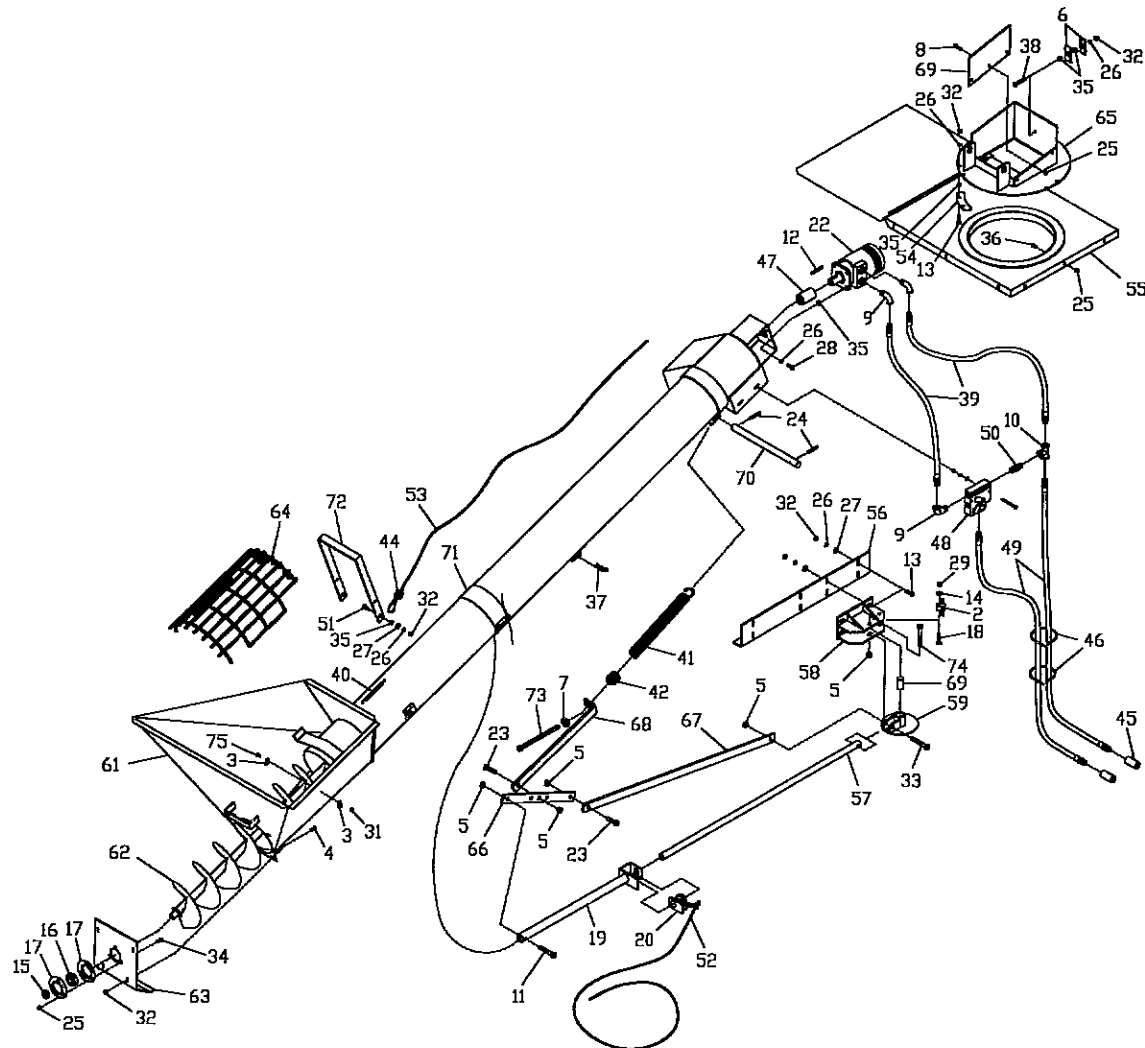
AUGER FEEDER ASSEMBLY, 20" ROLLERMILL

SHOWS ASSEMBLY FOR PM20 & PM30 - 370260

ITEM	PART NUMBER	QTY	DESCRIPTION
23	014770P	2	Bolt, HHCS 1/2"-13 x 1-1/2" Gr5 ZN
24	018920P	4	Pin, Roll 1/4" x 1-3/4" ZN Tension
25	020190P	16	Nut, Lock 5/16"-18 Hex FLG Gr5 ZN
26	021180P	20	Washer, Lock 3/8" ZN
27	021190P	12	Washer, Flat 7/16" x 1" x 5/64" ZN
28	022420P	4	Bolt, HHCS 3/8"-16 x 3/4" Gr5 Zn
29	023060P	9	Nut, Lock 3/8"-16 GrA Hex 2-way
30	-	-	-
31	023270P	2	Nut, Lock 1/4"-20 Gr5 ZN Hex FLG
32	027260P	11	Nut, Hex 3/8"-16 Gr5 ZN Gr5 ZN
33	031580P	1	Bolt, HHCS 1/2"-13 x 2-3/4" Gr5 ZN
34	032970P	3	Bolt, Carriage 5/16"-18 x 1.0" Gr2 ZN
35	033460P	12	Spacer, 3/8" x 9/32"
36	035290P	9	Bolt, Carriage 5/16"-18 x 5/8" Gr2 ZN
37	035830P	1	Pin, Cotter 3/16" x 3.0" Internal Hair ZN
38	041450P	1	Bolt, Carriage 3/8"-16 x 2.0" Gr5 ZN
39	046640P	2	Hose, Hyd 1/2" x 30' Male Swivel (2)
40	100750P	1	Spring, Extension 7/16" x 5-3/4"
41	113470P	1	Spring, 2" x 14"
42	113490P	1	Nut, Spring 1/2"-13 Retaining
43	-	-	-
44	129260P	2	Cable Clip, 1/8" Cable
45	133460P	2	Adapter, Coupler FM. 1/2"-14 NPTF
46	149670P	6	Tie, Cable 3/16" x 11"
47	160140P	1	Collar, Shaft, Roll Feed
48	161510P	1	Valve Assembly, Hydraulic Flow Control
49	164560P	2	Hose, Hyd 1/2" x 120"
50	166250P	1	Fitting, Hydraulic Nipple 1/2" NPT Hex Steel
51	170530P	10	Bolt, Carriage 3/8"-16 x 1.0" Gr5 ZN
52	211490P	1	Rope, Polypropylene 102" Long
53	214020P	1	Rope, Wire Assembly 124" AF
54	349470P	3	Plate, Clamp
55	375680P00	1	Cover Weldment, Hopper 20"
56	388110P	1	Angle, Mount
57	371060P	1	Pipe, Lower
58	371070P	1	Support Weldment
59	371110P	1	Pivot Weldment
60	371130P	1	Bushing, 9/16" x 1" x 1-29/32"
61	371220P00	1	Auger, Grain Feeder
62	371260P	1	Auger Weldment, Grain
63	371320P	1	Panel, Hopper Bearing
64	372240P	1	Guard Weldment
65	372910P	1	Cap Weldment, Hopper
66	372970P	1	Strap, Spring Adjustment
67	372980P	1	Strap, Lower
68	372990P	1	Strap, Spring Extension
69	373000P	1	Flap, Rubber Grain
70	373010P	1	Rod, Auger Pivot
71	374100P	1	Band Weldment, Clamp
72	380270P	1	Bar, Declutcher
73	384270P	1	Bolt, HHCS 1/2"-13 x 7.0" Full Thread Gr5 ZN
74	990840P	1	Bolt, HHCS 1/2"-13 x 3.0" Gr5 ZN
75	E096029P	2	Bolt, Carriage 1/4"-20 x 3/4" Gr2 ZN

AUGER FEEDER ASSEMBLY, 30" ROLLERMILL

SHOWS ASSEMBLY FOR PM20 & PM30 - 383890



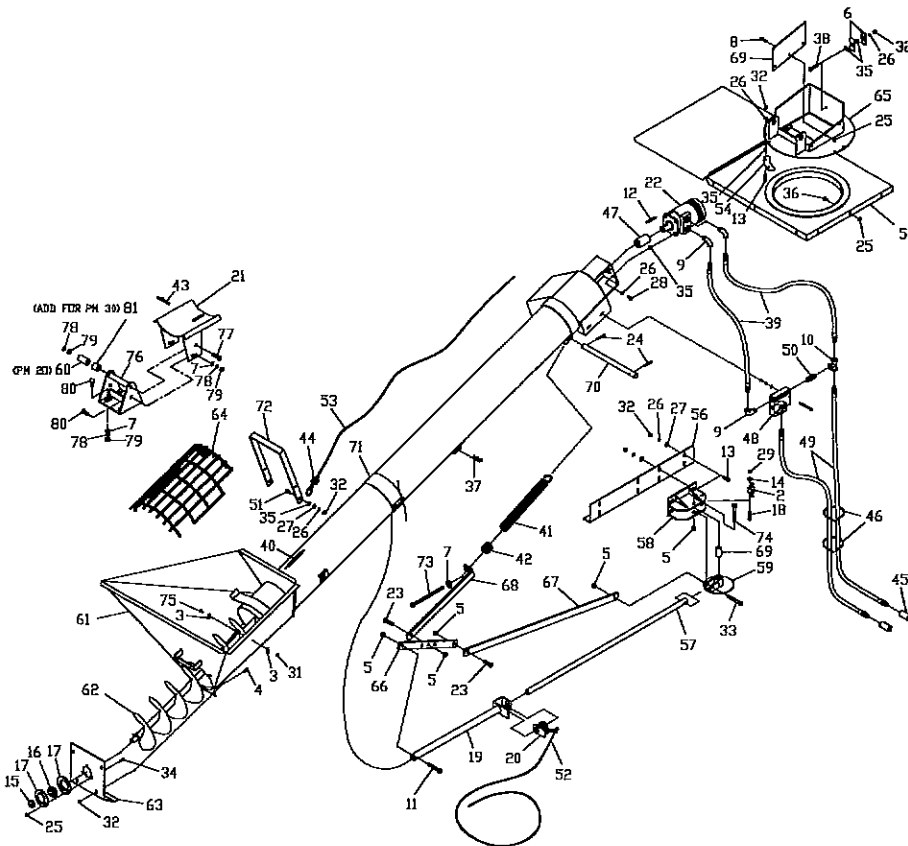
ITEM	PART NUMBER	QTY	DESCRIPTION
1	025670P	2	Nut, Lock 5/16"-18 ZN 2-Way Hex
2	160560P	1	Handle Assembly, Brake
3	E180006P	3	Clip, Wire
4	I14994R1P	4	Bolt, Carriage 5/16"-18 x 3/4" Gr2 PLN
5	I9413967P	6	Nut, Lock 1/2"-13 GrB CAD Hex 2-way Plated
6	JN185041P	2	Clamp, Hose - Short
7	005200P	1	Washer, Flat 9/16" x 1-3/8" x 7/64" ZN
8	005900P	3	Bolt, HHCS 5/16"-18 x 1.0" Gr5 ZN
9	006240P	3	Elbow, 1/2" x 90° Street
10	006320P	1	Tee, 1/2" Pipe ZN
11	007080P	1	Bolt, HHCS 1/2"-13 x 2-1/2" Gr5 ZN
12	011530P	1	Key, Square 1/4" x 1-1/4"
13	012260P	15	Bolt, HHCS 3/8"-16 x 1.0" Gr5ZN
14	012270P	1	Washer, 13/32" x 1-3/4" x 9/64" Plain
15	012300P	1	Collar, Lock 1.0" Eccentric
16	012310P	1	Bearing, 1.0" Adapter, SOD
17	012330P	2	Flange, 7/8" x 1.0" Bearing, 3 Bolt Round
18	012420P	1	Bolt, Carriage 3/8"-16 x 1-1/2" Gr2 ZN
19	014130P	1	Support Weldment, Pipe Jack Top
20	014140P	1	Clamp Weldment, Drag Feed Only
21	-	-	-
22	014280P	1	Motor, Hydraulic 12 Cu. In. Displ.

AUGER FEEDER ASSEMBLY, 30" ROLLERMILL

SHOWS ASSEMBLY FOR PM20 & PM30 - 383890

ITEM	PART NUMBER	QTY	DESCRIPTION
23	014770P	2	Bolt, HHCS 1/2"-13 x 1-1/2" Gr5 ZN
24	018920P	2	Pin, Roll 1/4" x 1-3/4" ZN Tension
25	020190P	16	Nut, Lock 5/16"-18 Gr5 ZN Hex Flange
26	021180P	20	Washer, Lock 3/8" ZN
27	021190P	12	Washer, Flat 7/16" x 1.0" x 5/64" ZN
28	022420P	4	Bolt, HHCS 3/8"-16 x 3/4" Gr5 ZN
29	023060P	9	Nut, Lock 3/8"-16 GrA Hex 2-way
30	-	-	-
31	023270P	2	Nut, Lock 1/4"-20 Gr5 ZN Hex FLG
32	027260P	11	Nut, Hex 3/8"-16 Gr5 ZN
33	031580P	1	Bolt, HHCS 1/2"-13 x 2-3/4" Gr5 ZN
34	032970P	3	Bolt, Carriage 5/16"-18 x 1.0" Gr2 ZN
35	033460P	12	Spacer, 3/8" x 9/32"
36	035290P	9	Bolt, Carriage 5/16"-18 x 5/8" Gr2 ZN
37	035830P	1	Pin, Cotter 3/16" x 3.0" Internal Hair ZN
38	041450P	1	Bolt, Carriage 3/8"-16 x 2.0" Gr5 ZN
39	046640P	2	Hose, Hyd 1/2" x 30 Male Swivel (2)
40	100750P	1	Spring, Extension 7/16" x 5-3/4"
41	113470P	1	Spring, 2" x 14"
42	113490P	1	Nut, Spring 1/2"-13 Retaining
43	-	-	-
44	129260P	2	Cable Clip, 1/8" Cable
45	133460P	2	Adapter, Coupler 1/2"-14 NPTF
46	149670P	6	Tie, Cable 3/16" x 11"
47	160140P	1	Collar, Shaft, Roll Feed
48	161510P	1	Valve Assembly, Hydraulic Flow Control
49	164560P	2	Hose Assembly, 1/2" x 120" Hydraulic
50	166250P	1	Fit, Hydraulic Nipple 1/2" NPT Hex
51	170530P	10	Bolt, Carriage 3/8"-16 x 1.0" Gr5 ZN
52	211490P	1	Rope, Polypropylene 102" Long
53	214020P	1	Rope, Wire Assembly 124" AF
54	349470P	3	Plate, Clamp
55	377850P00	1	Cover Weldment, Hopper 30"
56	388110P	1	Angle, Mount
57	371060P	1	Pipe, Lower
58	371070P	1	Support Weldment
59	371110P	1	Pivot Weldment
60	371130P	1	Bushing, 9/16" x 1" x 1-29/32"
61	371220P00	1	Auger, Grain Feeder
62	371260P	1	Auger Weldment, Grain
63	371320P	1	Panel, Hopper Bearing
64	372240P	1	Guard Weldment
65	372910P	1	Cap Weldment, Hopper
66	372970P	1	Strap, Spring Adjustment
67	372980P	1	Strap, Lower
68	372990P	1	Strap, Spring Extension
69	373000P	1	Flap, Rubber Grain
70	373010P	1	Rod, Auger Pivot
71	374100P	1	Band Weldment, Clamp
72	380270P	1	Bar, Declutcher
73	384270P	1	Bolt, HHCS 1/2"-13 x 7.0" Full Thread Gr5 Zn
74	990840P	1	Bolt, HHCS 1/2"-13 x 3.0" Gr5 ZN
75	E096029P	2	Bolt, Carriage 1/4"-20 x 3/4" Gr2 ZN

AUGER FEEDER ASSEMBLY, 20" ROLLERMILL 2- HIGH SHOWS ASSEMBLY FOR PM20 & PM30 - 392560



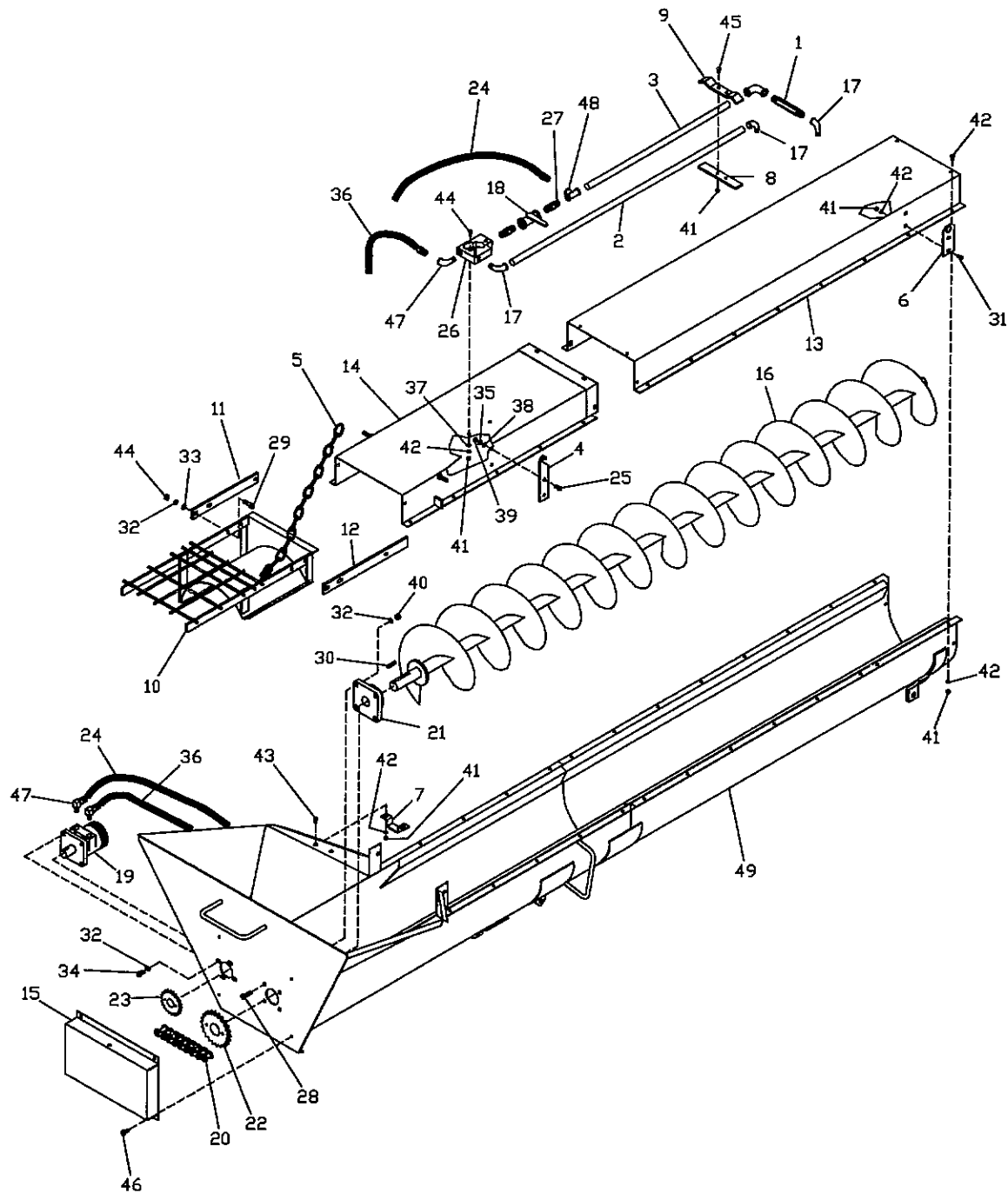
ITEM	PART NUMBER	QTY	DESCRIPTION
1	025670P	2	Nut, Lock 5/16"-18
2	160560P	1	Handle Assembly Brake
3	E180006P	3	Clip, Wire
4	I14994R1P	4	Bolt, Carriage 5/16"-18 x 3/4" Square Neck Gr2
5	I9413967P	7	Nut, Lock 1/2"-13 GrB CAD 2-way Plated
6	JN185041P	2	Clamp, Hose - Short
7	005200P	7	Washer, Flat 9/16" x 1-3/8" x 7/64" ZN
8	005900P	3	Bolt, HHCS 5/16"-18 x 1" Gr5 ZN
9	006240P	3	Elbow, 1/2" x 90 Degrees Street
10	006320P	1	Tee, 1/2" Pipe ZN
11	007080P	1	Bolt, HHCS 1/2"-13 x 2-1/2" Gr5 ZN
12	011530P	1	Key, SQ 1/4" x 1-1/4"
13	012260P	15	Bolt, HHCS 3/8"-16 x 1 Gr5 ZN
14	012270P	1	Washer, 13/32" x 1-3/4" x 9/64" Plain
15	012300P	1	Collar, Lock 1" Eccentric
16	012310P	1	Bearing, SOD 1" Adapter
17	012330P	2	Flangette, 7/8" x 1" Bearing, 3 Bolt Round
18	012420P	1	Bolt, Carriage 3/8"-16 x 1-1/2" Gr2 ZN
19	014130P	1	Support Weldment, Pipe Jack Top
20	014140P	1	Clamp Weldment, Drag Feed Only
21	393590P	1	Saddle Weldment
22	014280P	1	Motor, Hydraulic 12 Cu. In. Displ.
23	014770P	3	Bolt, HHCS 1/2"-13 x 1-1/2" Gr5 ZN
24	018920P	4	Pin, Roll 1/4" x 1-3/4" ZN Tension
25	020190P	16	Nut, Lock 5/16"-18 Gr5 ZN Hex Flange
26	021180P	20	Washer, Lock 3/8" ZN
27	021190P	12	Washer, Flat 7/16" x 1" x 5/64" ZN

AUGER FEEDER ASSEMBLY, 20" ROLLERMILL 2- HIGH

SHOWS ASSEBLY FOR PM20 & PM30 - 392560

ITEM	PART NUMBER	QTY	DESCRIPTION
28	022420P	4	Bolt, HHCS 3/8"-16 x 3/4" Gr5 ZN
29	023060P	9	Nut, Lock 3/8"-16 GrA Hex 2-way
30	-	-	-
31	023270P	2	Nut, Lock 1/4"-20 Gr5 ZN Hex Flange
32	027260P	11	Nut, Hex 3/8"-16 Gr5 ZN
33	031580P	1	Bolt, HHCS 1/2"-13 x 2-3/4" Gr5 ZN
34	032970P	3	Bolt, Carriage 5/16"-18 x 1" Gr2 ZN
35	033460P	12	Spacer, 3/8" x 9/32"
36	035290P	9	Bolt, Carriage 5/16"-18 x 5/8" Gr2 ZN
37	035830P	1	Pin, Cotter 3/16" x 3" Internal Hair ZN
38	041450P	1	Bolt, Carriage 3/8"-16 x 2" Gr5 ZN
39	046640P	2	Hose, Hydraulic 1/2" x 30' Male Swivel (2)
40	100750P	1	Spring, Extension 7/16" x 5-3/4"
41	113470P	1	Spring, 2" x 14"
42	113490P	1	Nut, Spring 1/2"-13 Retaining
43	-	-	-
44	129260P	2	Cable Clip, 1/8' Cable
45	133460P	2	Adapter, Coupler FM 1/2"-14NPTF
46	149670P	6	Tie, Cable 3/16" x 11"
47	160140P	1	Collar, Shaft Roll Feed
48	161510P	1	Valve Assembly, Hydraulic Flow Control
49	164560P	2	Hose, Hydraulic 1/2" x 120"
50	166250P	1	Fit, Hydraulic Nipple 1/2" NPT Hex Steel
51	170530P	10	Bolt, Carriage 3/8"-16 x 1" Gr5 ZN
52	211490P	1	Rope, Polypropylene 102" Long
53	214020P	1	Rope, Wire Assembly 124" Mechanical AF
54	349470P	3	Plate, Clamp
55	375680P00	1	Cover Weldment, Hopper 20"
56	388110P	1	Angle, Mount
57	371060P	1	Pipe, Lower
58	371070P	1	Support Weldment
59	371110P	1	Pivot Weldment
60	371130P	2	Bushing, 9/16" x 1" x 1-29/32"
61	392570P00	1	Auger, Grain Feeder
62	392590P	1	Auger Weldment, Grain
63	371320P	1	Panel, Hopper Bearing
64	372240P	1	Guard Weldment
65	372910P	1	Cap Weldment, Hopper
66	372970P	2	Strap, Spring Adjustment
67	372980P	1	Strap, Lower
68	372990P	1	Strap, Spring Extension
69	373000P	1	Flap, Rubber Grain
70	373010P	1	Rod, Auger Pivot
71	374100P	1	Band Weldment, Clamp
72	380270P	1	Bar, Declutcher
73	384270P	1	Bolt, HHCS 1/2"-13 x 7" Full Thread Gr5 ZN
74	990840P	1	Bolt, HHCS 1/2"-13 x 3" Gr5 ZN
75	E096029P	2	Bolt, Carriage 1/4"-20 x 3/4" Gr2 ZN
76	393620P	1	Mount Weldment, Pivot
77	E672405P	1	Bolt, HHCS 1/2"-13 x 11"
78	005370P	7	Washer, Lock 1/2"
79	005360P	7	Nut, Hex 1/2"-13
80	005390P	6	Bolt, Carriage 1/2"-13 x 1" ZN
81	272080P	1	Spacer, 1" x 9/16" x 1"

AUGER FEEDER ASSEMBLY, 20" EAR CORN SHOWS ASSEMBLY FOR PM20 & PM30 - 389430

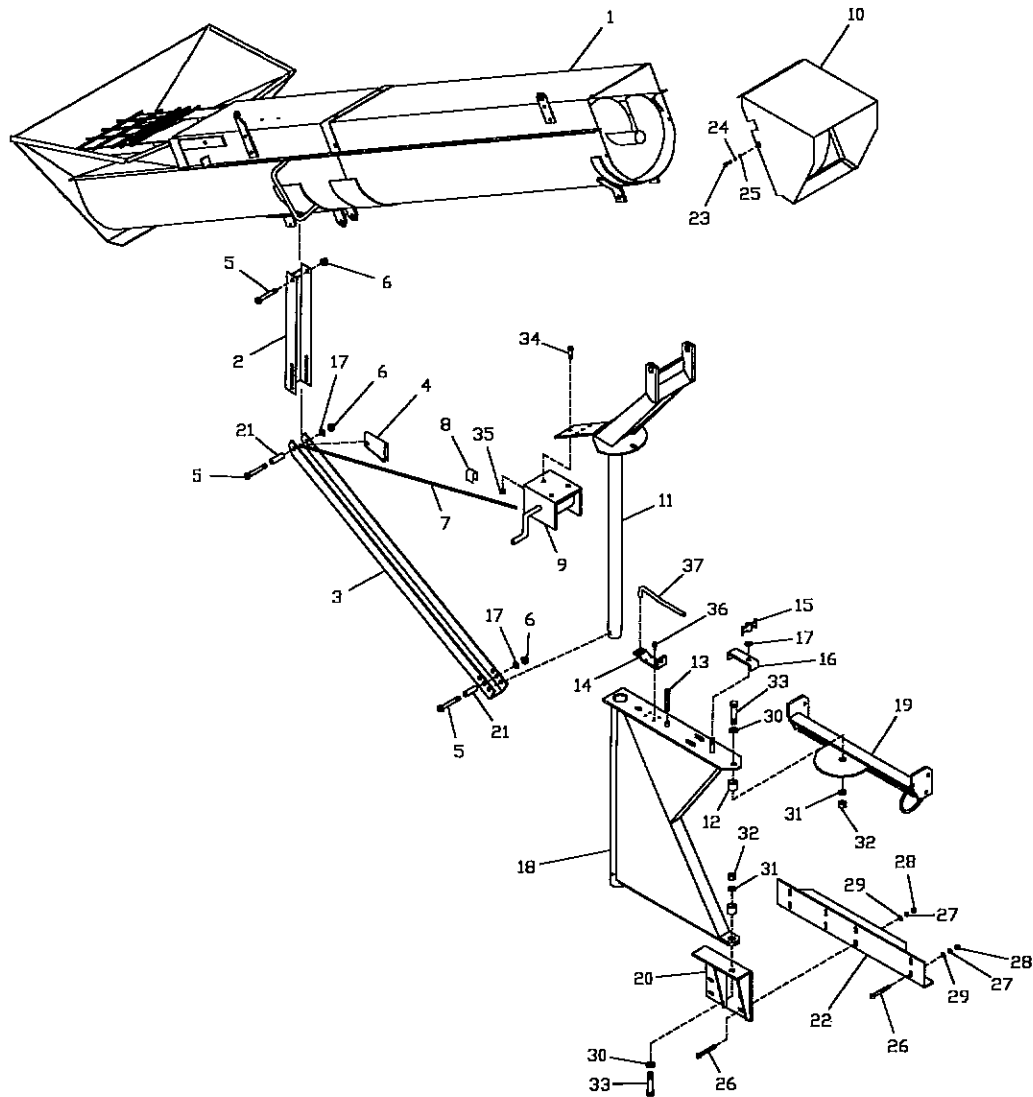


AUGER FEEDER ASSEMBLY, 20" EAR CORN

SHOWS ASSEMBLY FOR PM20 & PM30 - 389430

ITEM	PART NUMBER	QTY	DESCRIPTION
1	E276148P	1	Nipple, 1/2" x 6"
2	P85020P	1	Pressure Pipe 55-1/2"
3	P85021P	1	Return Pipe 53"
4	P85024P	1	Hook, Grill Chain
5	P85025P	1	Chain, Grill Retainer
6	P85026P	1	Bracket, Pipe Anchor
7	P85027P	1	Clamp, Hyd Hose
8	P85028P	1	Pipe Clamp, Bottom Strap
9	P85029P	1	Pipe Clamp, Top Strap
10	P85120P	1	Guard Weld, 85 Trash
11	P85128P	1	Short Pivot Bar
12	P85129P	1	Long Pivot Bar
13	P85130P00	1	Cover, Weldment Upper Trough
14	P85131P00	1	Cover Weld, Lower Trough
15	P85135P	1	Guard Weldment, 85 Chain
16	P85150P	1	Auger Weld
17	P96959P	3	Elbow, 1/2 Hyd 90 degrees fitting
18	P96961P	1	Valve, Shut Off
19	P96962P	1	Motor, Hydraulic
20	P87012P	1	Chain, Roller #50-49P
21	P99003P	1	Bearing, F1G1
22	P99625P	1	Sprocket, 50B30 1 bore
23	P99627P	1	Sprocket, 50B12 1 bore
24	005741P	1	Hose, Hyd 1/2" x 61"
25	005900P	2	Bolt, HHCS 5/16"-18 x 1" Gr5 ZN
26	006300P	1	Flow Control, Full Range
27	006310P	2	Nipple, 1/2" close
28	006690P	4	Bolt, HHCS 3/8"-16 x 1-1/4" Gr5 ZN
29	011370P	4	Bolt, HHCS 3/8"-16 x 1-1/2" Gr5 ZN
30	011530P	1	Key, SQ 1/4" x 1-1/4"
31	012051P	2	Bolt, HHCS 1/4" x 3/4" Gr5 ZN
32	021180P	16	Washer, Lock 3/8"
33	021190P	8	Washer, Flat 3/8" ZN
34	022420P	4	Bolt, HHCS 3/8"-16 x 3/4" Gr5 ZN
35	022920P	2	Washer, Flat 5/16" ZN
36	023180P	1	Hose, Hyd 1/2" x 48"
37	023260P	4	Washer, Flat 1/4" ZN
38	023620P	2	Washer, Lock 5/16 ZN
39	023630P	2	Nut, Hex 5/16-18 Gr5 ZN
40	027260P	16	Nut, Hex 3/8"-16 Gr5 ZN
41	027660P	38	Nut, Hex 1/4"-20 Gr5 ZN
42	029440P	38	Washer, Lock 1/4" ZN
43	029450P	53	Bolt, HHCS 1/4"-20 x 1/2" Gr5 ZN
44	031560P	2	Bolt, HHCS 1/4"-20 x 2-1/2" Gr5 ZN
45	047000P	2	Bolt, HHCS 1/4"-20 x 1-1/2" Gr5 ZN
46	1070046P	4	Screw, HHTS 5/16" x 3/4" Sheet metal
47	166230P	4	Elbow, Hyd Stl 1/2" NPTF x 90 degrees
48	166290P	1	Tee, Fitting
49	389390P00	1	Trough Wldt

SUPPORT ASSEMBLY, 20" EAR CORN ROLLERMILL SHOWS ASSEMBLY FOR PM20 & PM30 - 370270

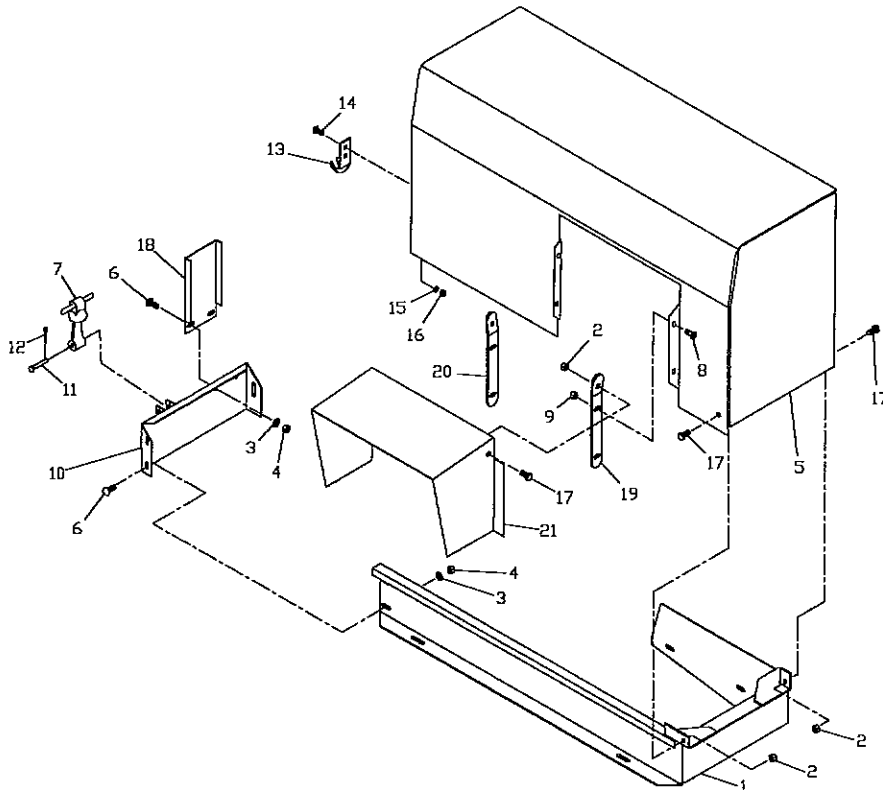


SUPPORT ASSEMBLY, 20" EAR CORN ROLLERMILL

SHOWS ASSEMBLY FOR PM20 & PM30 - 370270

ITEM	PART NUMBER	QTY	DESCRIPTION
1	389430P00	1	Auger Feeder Assy, Ear Corn
2	P85251P	1	Upper Channel
3	P85250P	1	Lower Channel
4	P85253P	1	Guide, Cable
5	038560P	3	Bolt, HHCS 1/2"-13 x 4" Gr5 ZN
6	JK40014P	3	Nut, Lock 1/2"-13 Gr8 ZN
7	P98518P	1	Cable, 3/16" Galv AC
8	P98519P	1	Clamp, 3/16" Cable
9	P98989P	1	Winch, Brake
10	P85285P00	1	Hood, Std.
11	P85240P	1	Swivel Weldment, 85 Secondary
12	P74358P	4	Bushing, Support Swivel
13	P98373P	1	Spring 3/4" x 1-1/4"
14	P85255P	1	Bracket Wldt, Locking Pin
15	P79628P	1	Nut, Wing 1/2-13 Door
16	P78598P	1	Lock, Swivel
17	005200P	3	Washer, Flat 1/2" Std ZN
18	P85220P	1	Swivel Weldment, 85 Loader
19	P85230P	1	Bracket Weldment, Swivel Attaching
20	388130P	1	Mount Weldment, Lower Pivot
21	P98460P	2	Spacer, 19/32" x 25/32" x 7/64"
22	388110P	1	Mount Weldment, Support
23	029450P	4	Bolt, HHCS 1/4"-20 x 1/2" Gr5 ZN
24	029440P	4	Washer, Lock 1/4" ZN
25	023260P	4	Washer, Flat 1/4" ZN
26	012260P	10	Bolt, HHCS 3/8-16 x 1 Gr5 ZN
27	021180P	10	Washer, Lock 3/8 x 11/16 x 3/32 ZN
28	027260P	10	Nut, Hex 3/8"-16 Gr5 ZN
29	021190P	10	Washer, Flat 3/8" STD ZN
30	020430P	2	Washer, Flat 5/8" Reg ZN
31	020440P	2	Washer, Lock 5/8" ZN
32	I124589P	2	Nut, Hex 5/8"-11 Gr5 ZN
33	025100P	2	Bolt, HHCS 5/8"-11 x 1-3/4" Gr5 ZN
34	012260P	3	Bolt, HHCS 3/8"-16 x 1" Gr5 ZN
35	020190P	3	Nut, Hex Flg. 3/8" ZN
36	392660P	4	Screw, HHTS 5/16"-18 x 3/4" ZN Type D
37	P85254P	1	Rod, Pivot

MAIN SHIELD ASSEMBLY - 365850

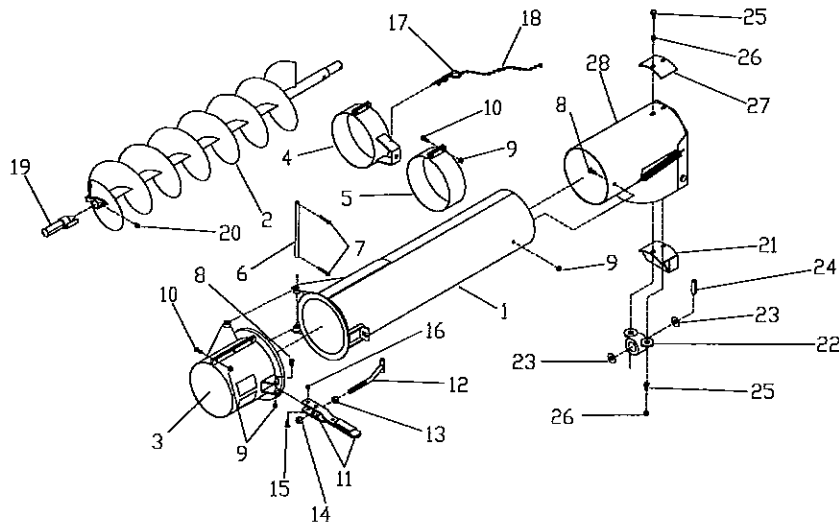


ITEM	PART NUMBER	QTY	DESCRIPTION
1	247920P00	1	Base Weldment, Main Shield
2	023060P	4	Nut, Lock 3/8"-16
3	022920P	4	Washer, Flat 5/16"
4	020190P	4	Nut, Lock 5/16"-18
5	365800P00	1	Shield Weldment, Main
6	012410P	4	Bolt, Carriage 5/16"-18 x 3/4"
7	205650P	1	Hook, Rubber
8	021240P	4	Screw, THMS 1/4"-20 x 1/2"
9	023270P	4	Nut, Lock 1/4"-20
10	247910P00	1	Base Weldment, Right
11	215800P	1	Pin, Clevis 1/4" x 1-5/8"
12	116820P	1	Pin, Cotter 1/16" x 3/4"
13	E104310P	1	Bracket, Hook
14	991120P	2	Screw, RHMS 10" x 3/4"
15	120600P	2	Washer, Lock 10"
16	120590P	2	Nut, Hex 10"
17	012260P	4	Bolt, HHCS 3/8"-16 x 1"
18	365280P00	1	Filler, Shield
19	387050P	1	Strap, Left
20	387060P	1	Strap, Right
21	387040P00	1	Eyebrow

FOLDING DISCHARGE AUGER EXTENSIONS 3' & 6'

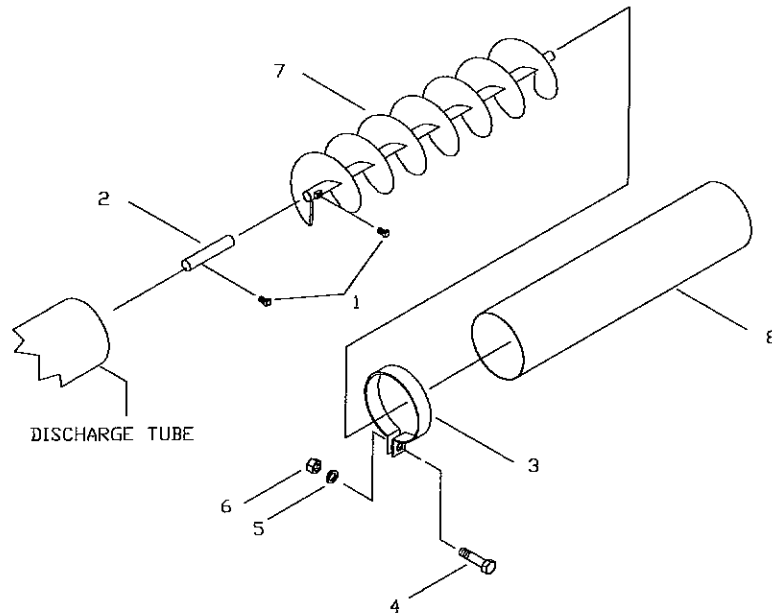
SHOWS ASSEMBLY FOR PM20 & PM30

3' - 134040 & 6' - 134050



ITEM	PART NUMBER	QTY	DESCRIPTION
1	152150P00	1	Tube, 3' Extension
1	152160P00	1	Tube, 6' Extension
2	171090P	1	Auger, 3' Extension
2	171130P	1	Auger, 6' Extension
3	162110P00	1	Pivot, Clamp-on with Decal
3	144650P	2	Decal, Auger Engagement
4	134240P	1	Clamp Band with Strap
5	134290P	1	Clamp, Band with Pin
6	144640P	-	Pin, Pivot 1/2" x 8-1/2"
7	034360P	-	Pin, Cotter 1/8" x 1"
8	028230P	-	Screw, Slot 5/16" x 3/4"
9	020190P	-	Nut, Lock 5/16"
10	012140P	-	Bolt, HHCS 5/16" x 3/4"
11	127830P	1	Handle, Locking with Pivot
12	144270P	1	Handle, T-Bar
13	005360P	-	Nut, Hex 1/2"
14	127890P	-	Nut, Lock 1/2"
15	012410P	-	Bolt, Carriage 5/16" x 3/4"
16	025670P	-	Nut, Lock 5/16"
17	035670P	-	Pin, Hair 3/16" x 3"
18	143700P	1	Chain, 8" Long
19	171160P	1	Shaft, Pivot Drive
20	008780P	-	Screw, Set 7/16" x 3/4"
21	134320P	1	Hanger Weldment, Bearing
22	134310P	1	Bearing, Wood Pillow Block 1-1/8"
23	020650P	-	Washer, Flat 1-1/8"
24	013600P	-	Pin, Expan 1/4" x 2"
25	022420P	-	Bolt, HHCS 3/8" x 3/4"
26	020180P	-	Nut, Lock 3/8"
27	152200P	1	Plate, Bering Mounting
28	152100P	1	Hood Assembly, Discharge (Not Included in Ext. Kit)

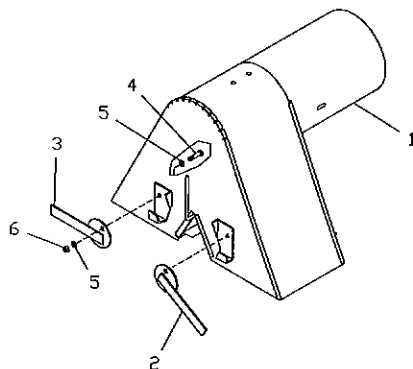
BOLT-ON DISCHARGE AUGER EXTENSIONS 3', 4', 5' & 6'
SHOWS ASSEMBLY FOR PM20 & PM30
3' - 147480, 4' - 147490, 5' - 147500 & 6' - 147510



ITEM	PART NUMBER	QTY	DESCRIPTION
1	008780P	2	Screw, Square 7/16"-14 x 3/4" Head Set
2	041130P	1	Shaft, 1-1/8" dia. x 8"
3	041140P	1	Band, 8" dia.
4	011370P	1	Bolt, HHCS 3/8"-16 x 1-1/2"
5	021180P	1	Washer, Lock 3/8" Spring Type
6	027260P	1	Nut, Hex 3/8"-16 Gr5 ZN
7	041090P	1	Auger, 3' Bolt-on Extension 7" dia.
7	041100P	1	Auger, 4' Bolt-on Extension 7" dia.
7	041110P	1	Auger, 5' Bolt-on Extension 7" dia.
7	041120P	1	Auger, 6' Bolt-on Extension 7" dia.
8	041040P00	1	Tube, 3' Bolt-on Extension 8" dia.
8	041050P00	1	Tube, 4' Bolt-on Extension 8" dia.
8	041060P00	1	Tube, 5' Bolt-on Extension 8" dia.
8	041070P00	1	Tube, 5' Bolt-on Extension 8" dia.

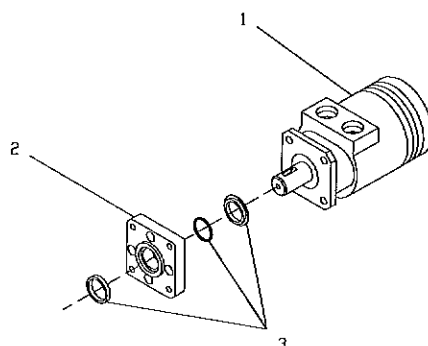
DOUBLE DISCHARGE TUBE SACKER ATTACHMENT

SHOWS ASSEMBLY FOR PM20 & PM30 - 108030



ITEM	PART NUMBER	QTY	DESCRIPTION
1	046650P	1	Housing, Two Way Bagger
2	034670P	1	Bag Lock, Left Hand
3	034660P	1	Bag Lock, Right Hand
4	005900P	-	Bolt, HHCS 5/16" x 1"
5	022920P	-	Washer, Flat 5/16"
6	025670P	-	Nut, Lock 5/16"

HYDRAULIC MOTOR KITS

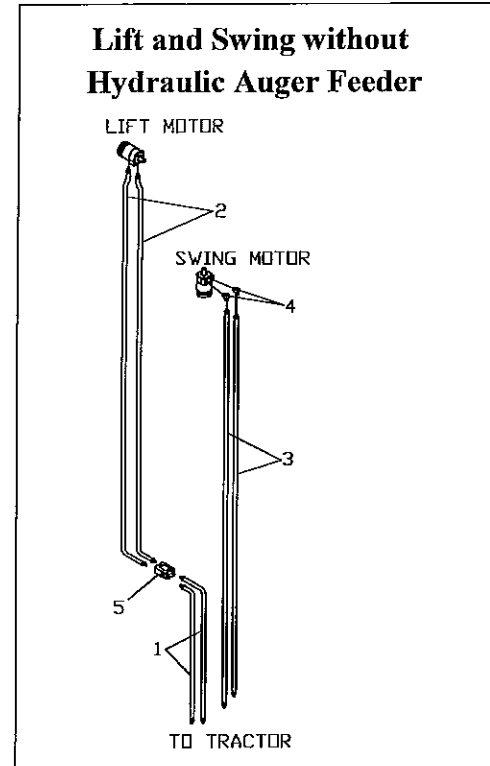
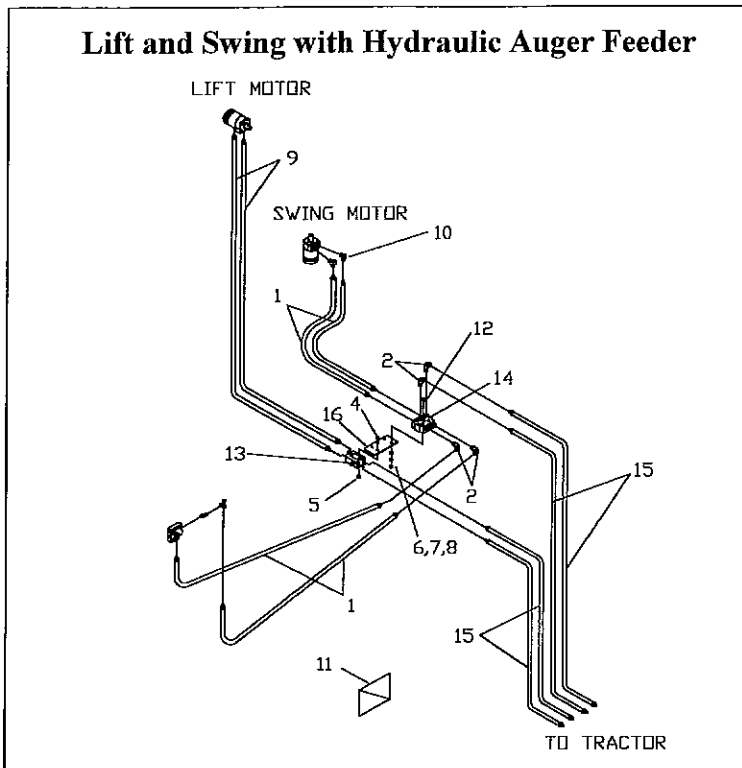


ITEM	PART NUMBER	QTY	DESCRIPTION
1	014280P	1	Motor, Hydraulic (Lift and Auger Feeder)
1	111090P	1	Motor, Hydraulic (Swing)
3	1780700P	1	Seal Kit, Ross TRW (014280 and 111090) - Series MAC #MAC500002*
3	242510P	1	Seal Kit, Ross TRW (014280 and 111090) - Series MAG #MAC500001*
3	243040P	1	Seal Kit, Ross TRW (014280 and 111090) - Series MG #SK000090*

**Note kind and series of motor used.*

HYDRAULIC PLUMBING

SHOWS ASSEMBLY FOR PM20 & PM30



Lift and Swing with Hydraulic Auger Feeder

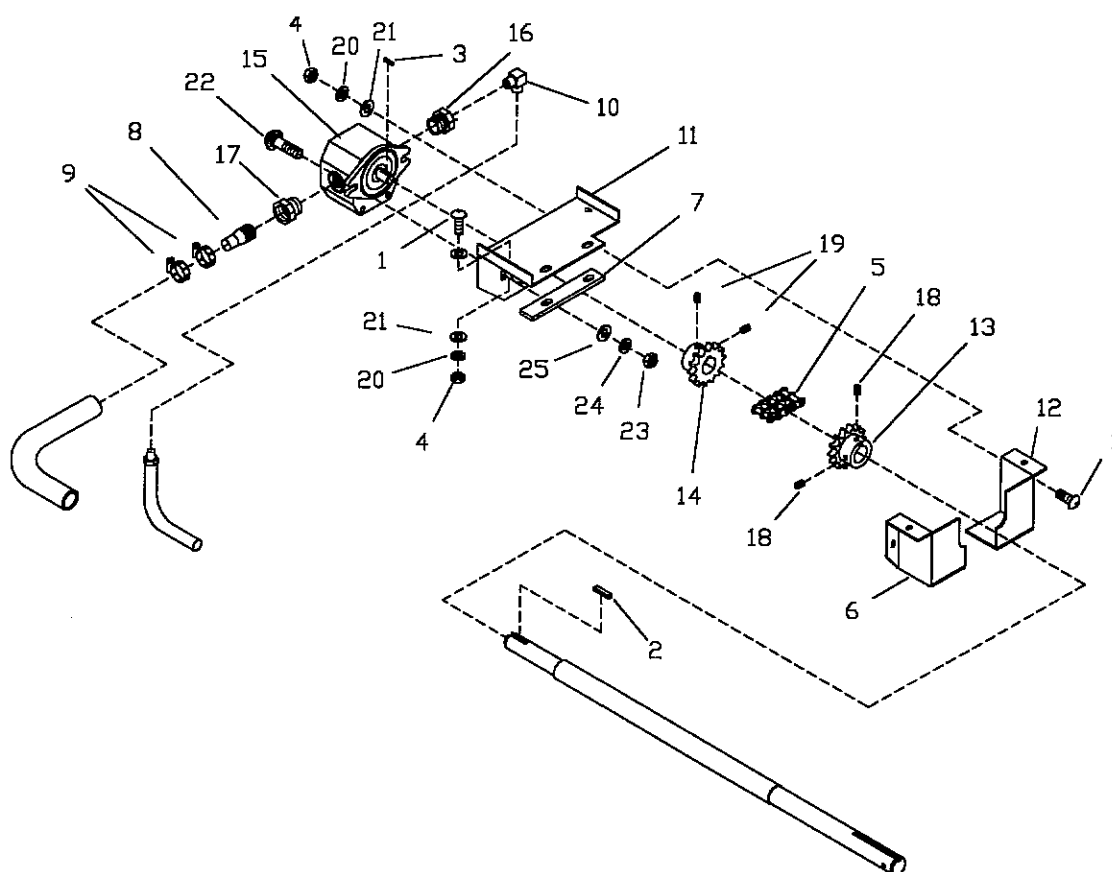
ITEM	PART NUMBER	QTY	DESCRIPTION
1	164550P	2	Hose, Hydraulic 1/2" x 10'
2	166230P	4	Elbow, Street 1/2" x 90°
3	-----	-	-
4	012260P	-	Bolt, HHCS 3/8" x 1"
5	020180P	-	Nut, Hex 3/8" Flange Lock
6	022920P	-	Washer, Flat 5/16"
7	023620P	-	Washer, Lock 5/16"
8	023630P	-	Nut, Hex 5/16"
9	166150P	2	Hose, Hydraulic 1/2" x 14'
10	252370P	2	Elbow, Special 1/2" x 90°
11	159460P	1	Decal, Valve Direction
12	160230P	-	Bolt, HHCs 5/16" x 3"
13	163280P	1	Valve, Dual Relief 800 psi
14	163290P	1	Valve, Double Selector
15	E356012P	4	Hose, Hydraulic 1/2" x 12'
16	160330P	1	Plate, Selector Valve

Lift and Swing without Hydraulic Auger Feeder

ITEM	PART NUMBER	QTY	DESCRIPTION
1	E356012P	2	Hose, Hydraulic 1/2" x 61"
2	166150P	2	Hose, Hydraulic 1/2" x 14'
3	046090P	4	Hose, Hydraulic 1/2" x 20'
4	252370P	2	Elbow, Special 1/2" x 90°
5	163280P	1	Valve, Dual Relief 800 psi

SELF-CONTAINED - HAMMERMILL PUMP DRIVE 540 OR 1000 RPM

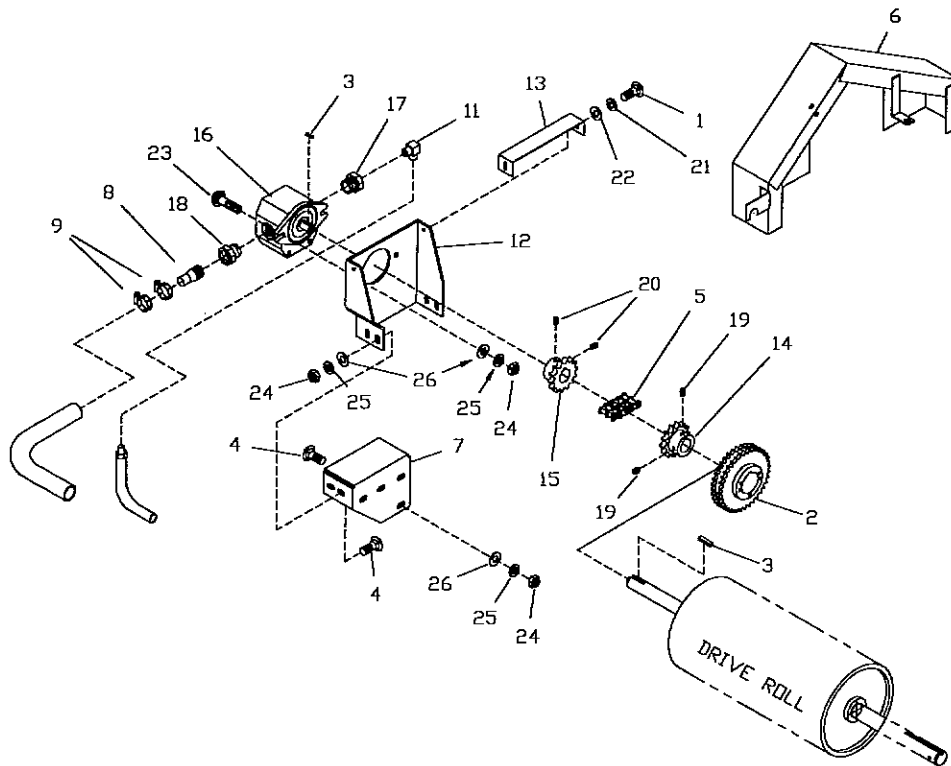
SHOWS ASSEMBLY FOR PM20 & PM30



ITEM	PART NUMBER	QTY	DESCRIPTION
1	254060P	4	Bolt, Carriage 5/16"-18 x 1"
2	006670P	1	Key, SQ 3/8" x 1-1/2"
3	011500P	1	Key, SQ 1/4" x 1-1/2"
4	023630P	8	Nut, Hex 5/16"-18
5	163770P	1	Coupling Chain
6	385430P	1	Shield Weldment
7	385470P	1	Spacer
8	166100P	2	Pipe, Fit 1 Barbed Nipple
9	166110P	4	Clamp, Hose
10	166230P	7	Elbow, Street 90 degrees 1/2" NPTF
11	385380P	1	Mount, Pump
12	385420P	1	Shield Weldment
13	271170P	1	Sprocket, 60B14 x 1-7/16" CPLG
14	271180P	1	Sprocket, 60B14 x 7/8" CPLG 1/2"
15	274380P	1	Pump, Hyd. 3.90 cu. in. 540 RPM
15	274370P	1	Pump, Hyd. 2.00 cu. in. 1000 RPM
16	274430P	1	Adapter, 1-5/16"
17	274440P	1	Adapter, 1-7/8"
18	218660P	2	Screw, Set 3/8"-16 x 3/8"
19	R61564P	2	Screw, Set 5/16"-18 x 1/2"
20	023620P	8	Washer, Lock 5/16"
21	I120393P	6	Washer, Flat 11/32" x 11/16" x 1/16"
22	E096046P	2	Bolt, Carriage 1/2"-13 x 1-1/2"
23	005360P	6	Nut, Hex 1/2"-13
24	005370P	6	Washer, Lock 1/2"
25	I120396P	10	Washer, 17/32" x 1-1/16" x 5/64"

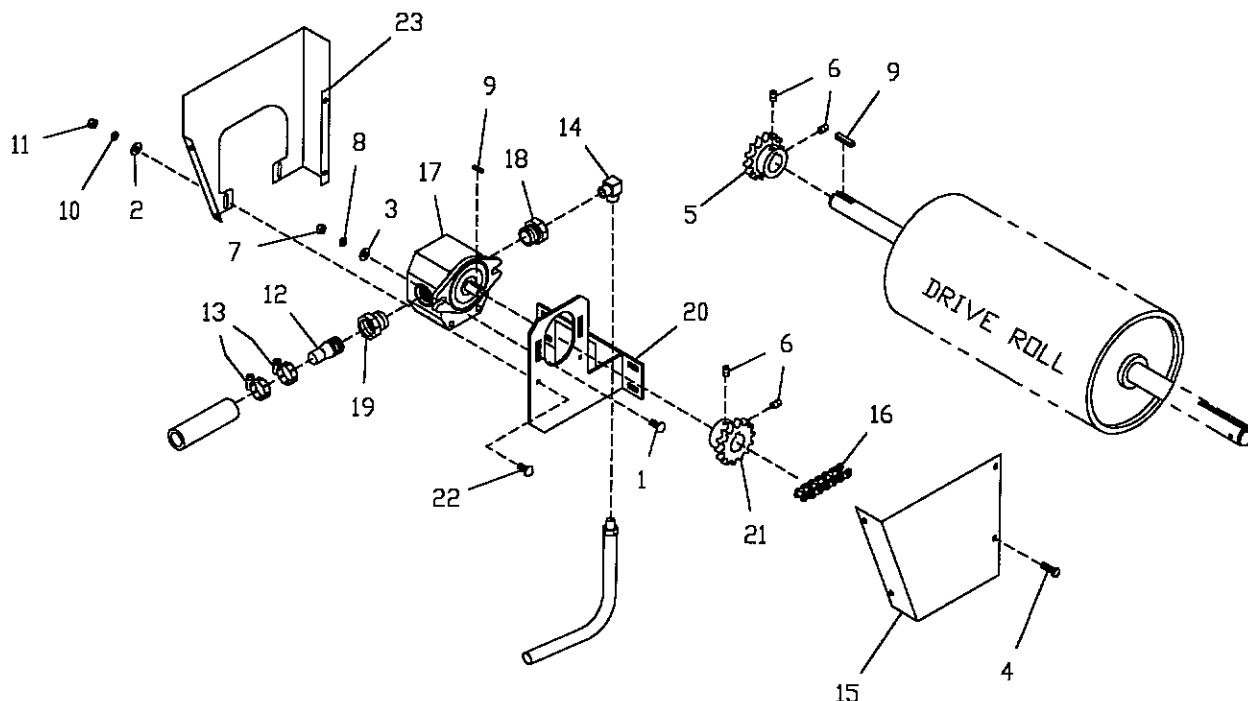
SELF CONTAINED - 20" ROLLERMILL PUMP DRIVE 540 RPM

SHOWS ASSEMBLY FOR PM 20 & PM30



ITEM	PART NUMBER	QTY	DESCRIPTION
1	012140P	2	Bolt, HHCS 5/16"-18 x 3/4"
2	402360P	1	Sprocket,
3	011500P	2	Key SQ 1/4" x 1-1/2"
4	005390P	5	Bolt, Carriage 1/2"-13 x 1'
5	163770P	1	Coupling Chain
6	388430P	1	Guard, Belt
7	388380P	1	Mount, Base
8	166100P	2	Pipe, Fit 1 Barbed Nipple
9	166110P	4	Clamp, Hose
10	166140P	2	Hose, Hyd 1/2" x 24"
11	166230P	7	Straight Elbow 90 degrees 1/2" NPTF
12	388390P	1	Mount Weldment, Pump
13	388420P	1	Shield
14	388370P	1	Sprocket, 60B14 x 40mm CPLG
15	271180P	1	Sprocket, 60B14 x 7/8" CPLG 1/2"
16	274380P	1	Pump, Hyd. 3.90
17	274430P	1	Adapter 1-15/16"
18	274440P	1	Adapter 1-7/8"
19	218660P	2	Screw, Set 3/8"-16 x 3/8"
20	R61564P	2	Screw, Set 5/16"-18 x 1/2"
21	023620P	4	Washer, Lock 5/16"
22	I120393P	4	Washer, Flat 11/32" x 11/16" x 1/16"
23	E096046P	2	Bolt, Carriage 1/2"-13 x 1-1/2"
24	005360P	9	Nut, Hex 1/2"-13
25	005370P	9	Washer, Lock 1/2"
26	I120396P	13	Washer, Flat 17/32" x 1-1/16" x 1/16"

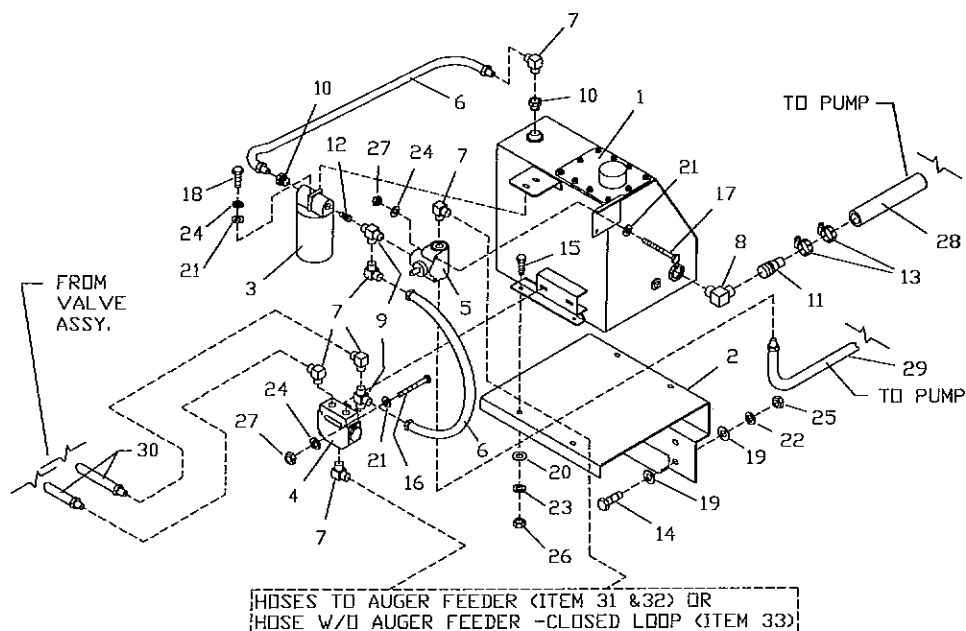
SELF CONTAINED - 30" ROLLERMILL PUMP DRIVE 540 RPM SHOWS ASSEMBLY FOR PM20 & PM30



ITEM	PART NUMBER	QTY	DESCRIPTION
1	E096046P	6	Bolt, Carriage 1/2"-13 x 1-1/2"
2	I120393P	2	Washer, Flat 11/32" x 25/32" x 1/16"
3	I120396P	14	Washer, Flat 17/32" x 1-1/16" x 1/16"
4	JN71292P	10	Bolt, Flange 5/16" x 1/2" Hex
5	P99637P	1	Sprocket, 60B22 40mm
6	R61564P	4	Screw, HSSS 5/16"-18 x 1/2"
7	005360P	10	Nut, Hex 1/2"-13
8	005370P	10	Washer, Lock 1/2"
9	011500P	2	Key, SQ 1/4" x 1-1/2"
10	023620P	6	Washer, Lock 5/16"
11	023630P	6	Nut, Hex 5/16"-18
12	166100P	2	Pipe Fit, Hose Barb
13	166110P	4	Clamp, Hose
14	166230P	7	Elbow, Hyd 1/2" NPTF x 90 degrees
15	395990P	1	Shield, Front
16	270080P	1	Chain, RC60-57 Pitch
17	274380P	1	Pump, Hyd 3.9
18	274430P	1	Adapter, 1-5/16"
19	274440P	1	Adapter, 1-7/8"
20	388630P	1	Mount Weldment, Pump 30"
21	388650P	1	Sprocket, 60B22 x 7/8" bore
22	012410P	2	Bolt, Carriage 5/16"-18 x 3/4"
23	395970P	1	Shield Weldment, Pump Drive

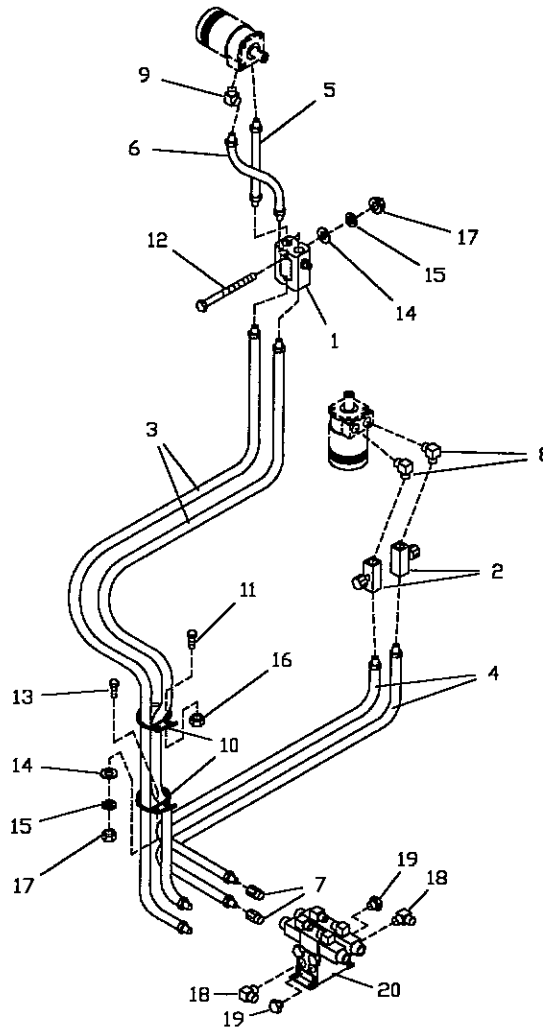
SELF-CONTAINED - TANK ASSEMBLY

SHOWS ASSEMBLY FOR PM20 & PM30



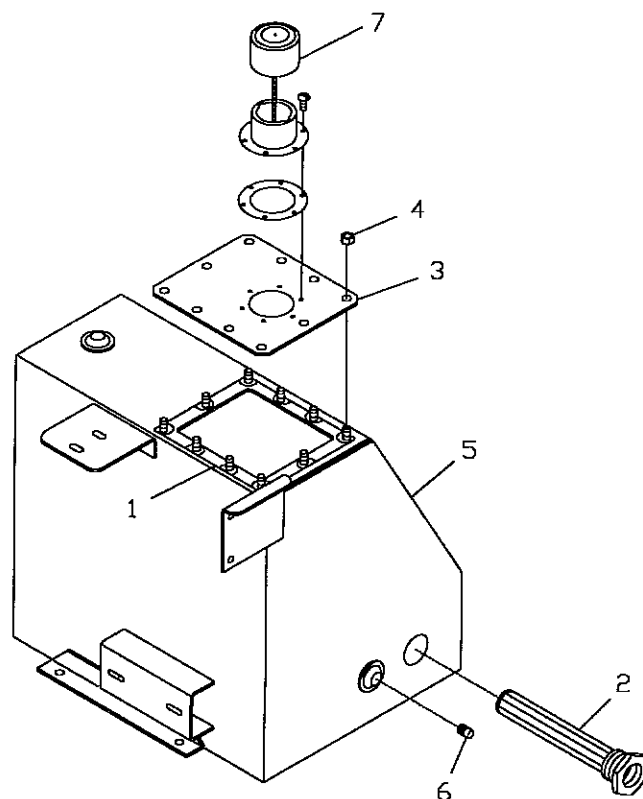
ITEM	PART NUMBER	QTY	DESCRIPTION
1	346500P	1	Tank, Hydraulic
2	274860P	1	Mount Weldment, Reservoir
3	165910P	1	Element, Replace Filter
3	165901P	1	Housing, Aluminum Filter
4	274400P	1	Valve, Flow Divider
5	274390P	1	Valve, Relief - RV-4H
6	166140P	2	Hose, Hyd 100R2 1/2" x 24" SAE
7	166230P	7	Elbow, Hyd Stl 1/2" NPTF 90° Street Elbow
8	274470P	1	Elbow, 90° x 1" ST. NPTF
9	274410P	2	Tee, 1/2"-14 ST. NPTF
10	007420P	2	Bushing, Hex 3/4" to 1/2" ZN
11	166100P	2	Pipe, Fit. Barbed Nipple 1"
12	112360P	1	Coupling, 1/2" to 3/4" M
13	166110P	4	Clamp, Hose - 20H
14	014770P	-	Bolt, HHCS 1/2"-13 x 1-1/2" Gr5 ZN
15	006690P	-	Bolt, HHCS 3/8"-16 x 1-1/4" Gr5 ZN
16	031560P	-	Bolt, HHCS 1/4"-20 x 2-1/2" Gr5 ZN
17	E672006P	-	Bolt, HHCS 1/4"-20 x 2" Gr5 ZN
18	012051P	-	Bolt, HHCS 1/4"-20 x 3/4" Gr5 ZN
19	I120396P	-	Washer, Flat 17/32" x 1-1/16" x 5/64" ZN
20	I120394P	-	Washer, Flat 13/32" x 13/16" x 3/64" ZN
21	I120392P	-	Washer, Flat 17/64" x 5/8" O.D.
22	005370P	-	Washer, Lock 1/2" ZN
23	021180P	-	Washer, Lock 3/8" x 11/16" x 3/32" ZN
24	029440P	-	Washer, Lock 1/4" SAE Med. x 1/2" x 5/8" ZN
25	005360P	-	Nut, Hex 1/2"-13 ZN
26	027260P	-	Nut, Hex 3/8"-16 Gr5 ZN
27	027660P	-	Nut, Hex 1/4"-20 Gr5 ZN
28	274500P	1	Hose, Hyd SAE 100R2 1" x 24"
29	005741P	1	Hose, Hyd SAE 100R2 1/2" x 61"
30	274480P	2	Hose, Hyd SAE 100R2 1/2" x 42"
31	E356015P	1	Hose, Hyd SAE100R2 1/2" x 96" with Auger Feeder
32	218170P	1	Hose, Hyd SAE 100R2 1/2" x 72" with Auger Feeder
33	046640P	1	Hose, Hyd 100R2 1/2" x 30" without Auger Feeder

SELF-CONTAINED - SWING & LIFT HOSE ASSEMBLY SHOWS ASSEMBLY FOR PM20 & PM30



ITEM	PART NUMBER	QTY	DESCRIPTION
1	163280P	1	Valve, Dual Relief 800 PSI
2	212490P	2	Valve, Flow Control
3	164560P	2	Hose, Hyd SAE 100R2 1/2" x 120"
4	274050P	2	Hose, Hyd SAE 100R2 3/8" x 72"
5	014000P	1	Hose, Hyd SAE 100R2 1/2" x 12"
6	347820P	1	Hose, Hyd SAE 100R2 1/2" x 11"
7	274450P	2	Adapter, 3/4" ORB M to 1/2" NPTF FM
8	274460P	2	Elbow, M. 90° 1/2" x 3/8" NPTF
9	270620P	1	Adapter, Elbow 45° ST. 1/2"
10	212610P	2	Holder Wldt, Swivel Ring Hose
11	005900P	-	Bolt, HHCS 5/16"-18 x 1" Gr5 ZN
12	E672006P	-	Bolt, HHCS 1/4"-20 x 2" Gr5 ZN
13	042960P	-	Bolt, HHCS 1/4"-20 x 1" Gr5 ZN
14	I120392P	-	Washer, Flat 17/64" x 5/8"
15	029440P	-	Washer, Lock 1/4" SAE Med ZN
16	020190P	-	Nut, Lock 5/16"-18 Gr5 ZN Flg Hex
17	027660P	-	Nut, Hex 1/4"-20 Gr5 ZN
18	273210P	2	Elbow, 7/8" ORB M to 1/2" NPTF FM
19	274420P	2	Plug, Hex Head 7/8" ORB
20	274850P	1	Valve Assembly, Hyd (2) 3-Way - 4 Position

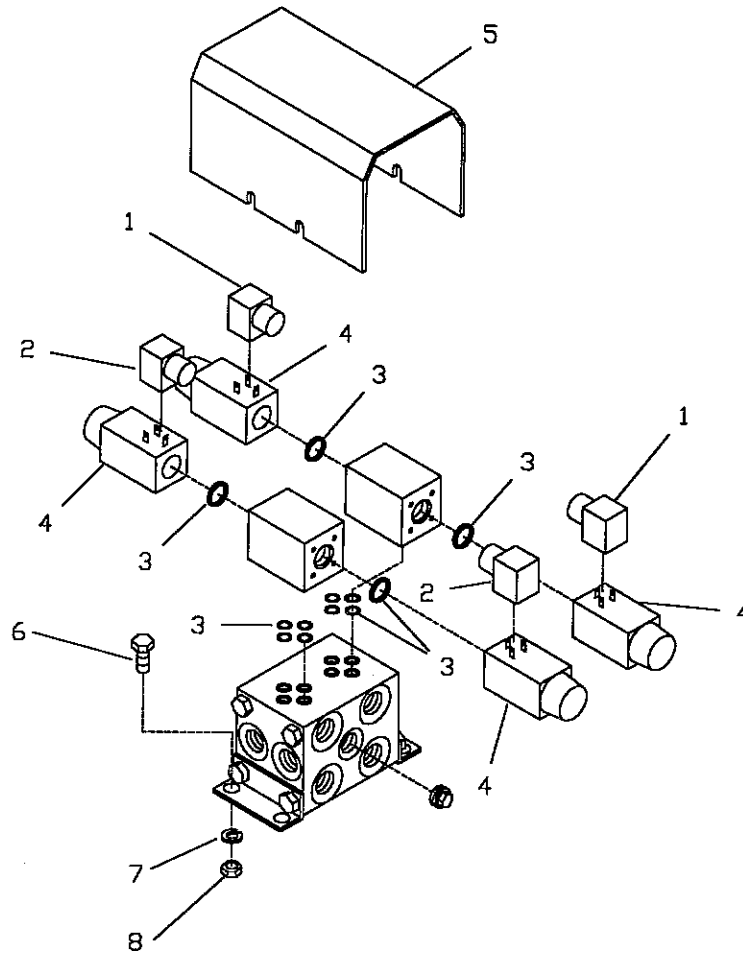
SELF-CONTAINED - RESERVOIR ASSEMBLY **SHOWS ASSEMBLY FOR PM20 & PM30**



ITEM	PART NUMBER	QTY	DESCRIPTION
1	961960P	1	Pernatex, Ultra Blue 13 oz Tube
2	165880P	1	Strainer, Tank Mount
3	166400P	1	Cover, Hydraulic Tank
4	020190P	-	Nut, Lock 5/16"-18 Gr5 ZN Hex FLG
5	271230P	1	Tank, Hydraulic
6	165960P	1	Plug, Magnetic
7	165890P	1	Filler, Breather Filter
-	165990P	.5 Gal.	Lubricant, Industrial

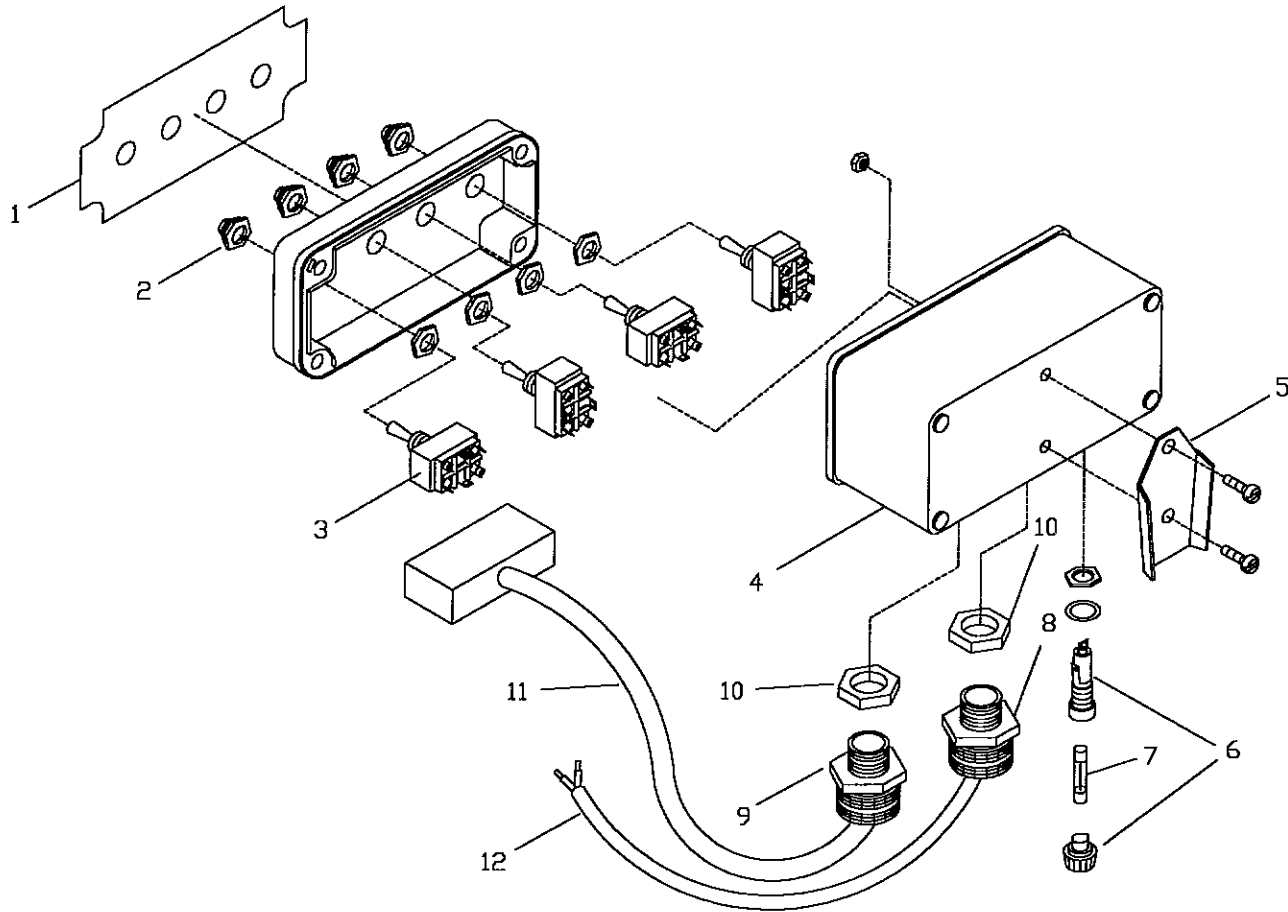
SELF-CONTAINED - VALVE ASSEMBLY

SHOWS ASSEMBLY FOR PM20 & PM30



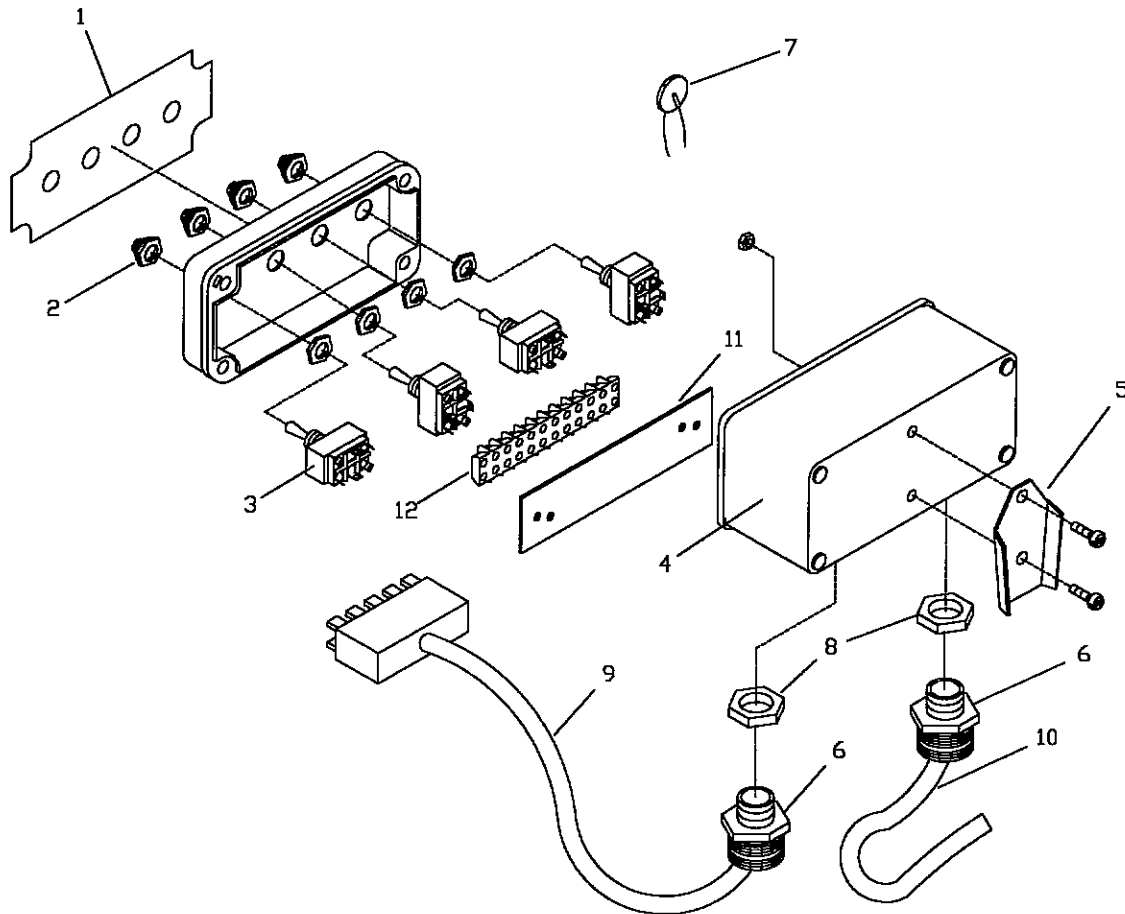
ITEM	PART NUMBER	QTY	DESCRIPTION
1	346420P	2	Connector, Plug-In Red
2	346430P	2	Connector, Plug-In Black
3	346440P	1	Seal Kit (1/2" Valve Assembly Only)
4	346450P	4	Solenoid, 12VDC
5	274360P	1	Shield, Valve
6	005900P	-	Bolt, HHCS 5/16"-18 x 1" Gr5 ZN
7	023620P	-	Washer, Lock 5/16" x 37/64" x 5/64" ZN
8	023630P	-	Nut, Hex 5/16"-18 Gr5 ZN

SELF-CONTAINED - TRACTOR REMOTE BOX SHOWS ASSEMBLY FOR PM20 & PM30



ITEM	PART NUMBER	QTY	DESCRIPTION
1	274090P	1	Decal, Face Plate
2	212470P	4	Switch, Seal
3	209590P	4	Switch, Toggle Momentary DPDT
4	274080P	1	Enclosure, Remote
5	346690P	1	Bracket, Mounting
6	W154550016P	1	Fuse Holder, Panel HKP
7	E292002P	1	Fuse, AGC 20A-30V
8	346750P	1	Cord, Connector 1/4"-5/16" (To Battery)
9	274060P	1	Cord, Connector 1/2"-9/16" (To Mixer)
10	209210P	2	Nut, Lock 1/2" Conduit
11	274070P	1	Control Cord, Remote Box
12	209390P	6	Wire, 14/2 SJO

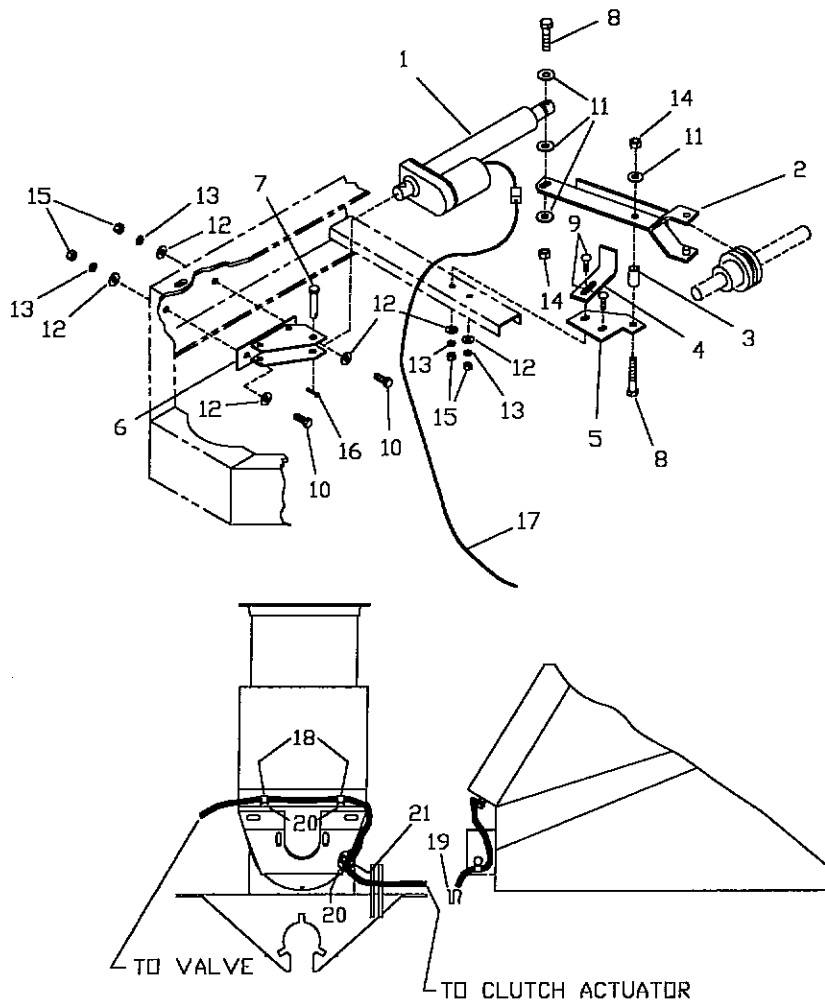
SELF-CONTAINED - MIXER-PROCESSOR REMOTE BOX SHOWS ASSEMBLY FOR PM20 & PM30



ITEM	PART NUMBER	QTY	DESCRIPTION
1	274090P	1	Decal, Face Plate
2	212470P	4	Switch, Seal
3	209590P	4	Switch, Toggle Momentary DPDT
4	274110P	1	Enclosure, Control Box
5	346690P	1	Bracket, Mounting
6	274060P	2	Cord, Connector 12" x 1/2"-9/16"
7	270260P	6	Varistor, Metal Oxide (ZA)
8	209210P	2	Nut, Lock 1/2" Conduit
9	274120P	1	Cord, Control Remote Box
10	274130P	1	Cord, Control
11	274100P	1	Plate, Back
12	187460P	1	Terminal Strip

SELF-CONTAINED - ELECTRIC CLUTCH ASSEMBLY

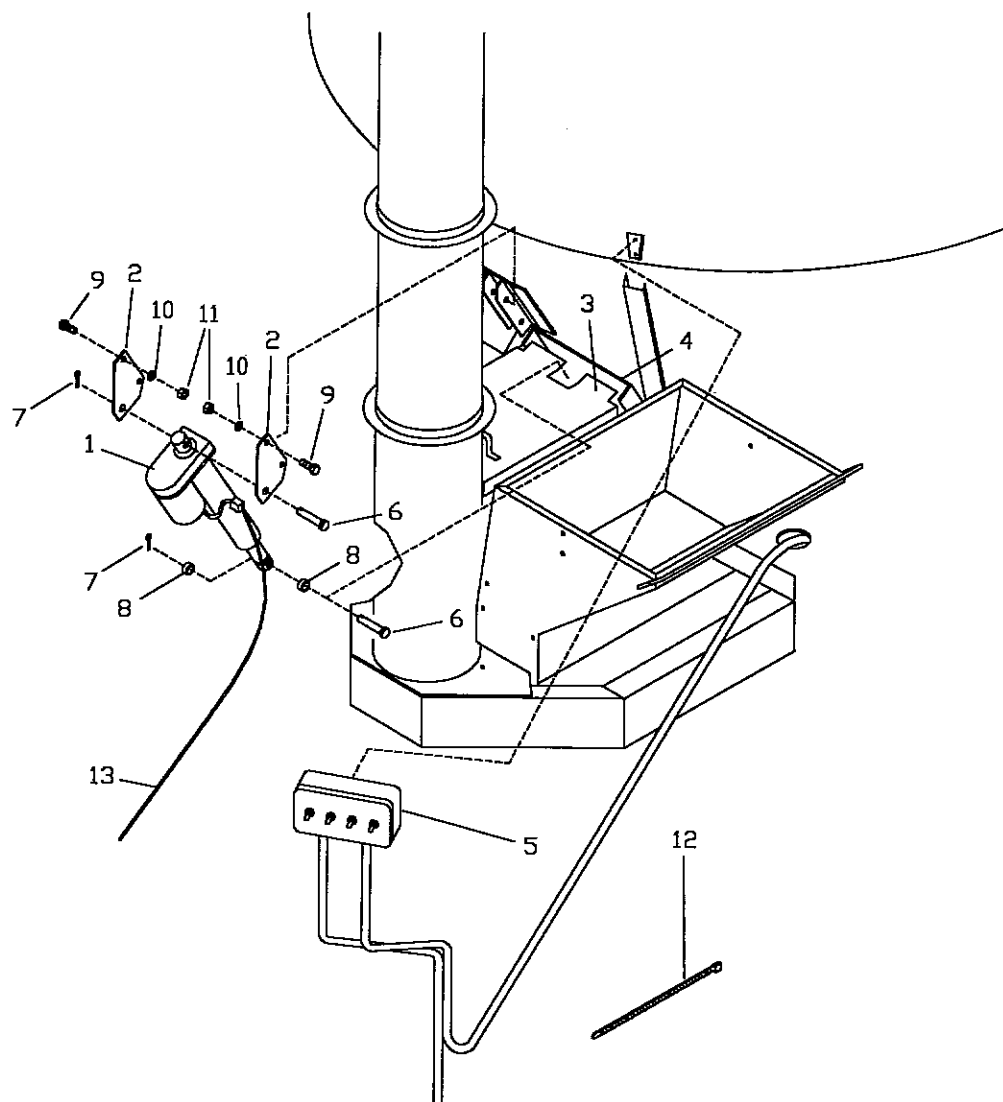
SHOWS ASSEMBLY FOR PM20 & PM30



ITEM	PART NUMBER	QTY	DESCRIPTION
1	208550P	1	Actuator, Electrimech Linear
2	274260P	1	Arm Assembly, clutch
3	271260P	1	Spacer, Clutch Arm
4	274250P	1	Stop, Clutch Actuator
5	271270P	1	Plate, Clutch Mounting
6	271210P	1	Bracket, Clutch Actuator Mounting
7	1030718P	1	Pin, Clevis 1/2" x 2-1/2" ZN
8	007080P	-	Bolt, HHCS 1/2"-13 x 2-1/2" Gr5 ZN
9	035180P	-	Bolt, Carriage 3/8"-16 x 1-1/4" SSN Gr5 ZN
10	012260P	-	Bolt, HHCS 3/8"-16 x 1" Gr5 ZN
11	005200P	-	Washer, Flat 9/16" x 1-3/8" x 7/64" ZN
12	I120394P	-	Washer, Flat 13/32" x 13/16" x 3/64" ZN
13	021180P	-	Washer, Lock 3/8" x 11/16 x 3/32 ZN
14	127890P	-	Nut, Lock 1/2"-13 Hex Gra CAD
15	027260P	-	Nut, Hex 3/8"-16 Gr5 ZN
16	124350P	1	Pin, Cotter 1/8" x 1-1/2" ZN
17	345800P	1	Wire Assembly, 18/2 SJO 3' w/connector
18	277540P	3	Clip, Wire - Rework
19	036890P	1	Clip, Spring
20	020190P	-	Nut, Lock 5/16" -18 Gr5 ZN Hex FLG
21	JN10212	-	Screw, HHTS 5/16"-18 x 3/4" FLG Gr5 ZN

SELF-CONTAINED - ELECTRIC DISCHARGE DOOR ASSEMBLY

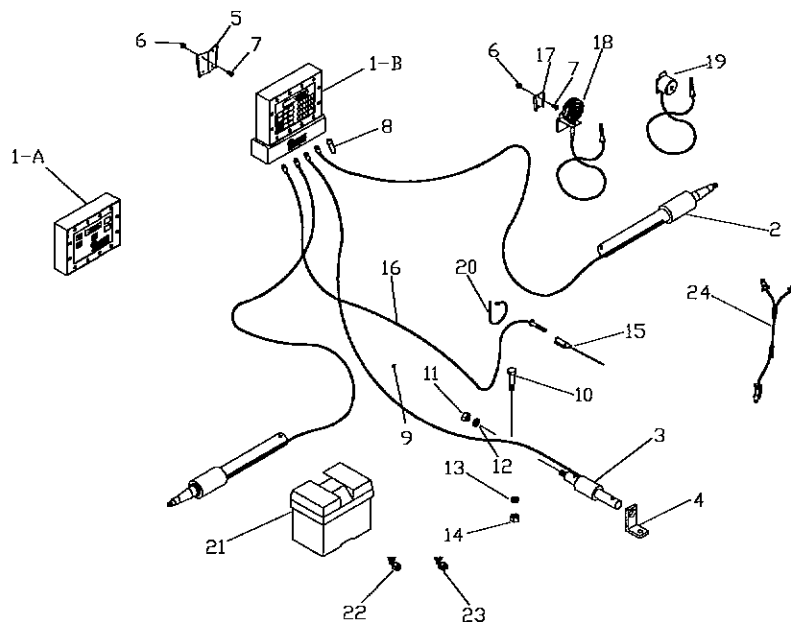
SHOWS ASSEMBLY FOR PM20 & PM30



ITEM	PART NUMBER	QTY	DESCRIPTION
1	208550P	1	Actuator, Elecromech
2	208520P	2	Plate
3	274560P	1	Cover Weldment Back Hopper
4	208530P	1	Door Weldment Discharge
5	274040P	1	Box, Control
6	1030718P	2	Pin, Clevis 1/2" x 2-1/2" ZN
7	124350P	2	Pin, Cotter 1/8" x 1-1/2" ZN
8	208560P	2	Bushing, Discharge Door Mounting
9	022420P	-	Bolt, HHCS 3/8"-16 x 3/4" Gr5 ZN
10	271210P	-	Washer, Lock 3/8"
11	027260P	-	Nut, Hex 3/8"-16 Gr5 ZN
12	149670P	10	Tie, 3/16 x 11 Cable
13	345800P	1	Wire Assembly, 18/2 SJO 3' w/connector

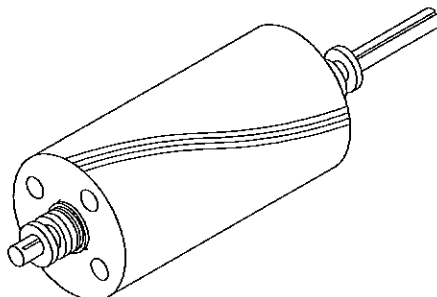
ELECTRONIC SCALE ASSEMBLY

SHOWS ASSEMBLY FOR PM20 & PM30



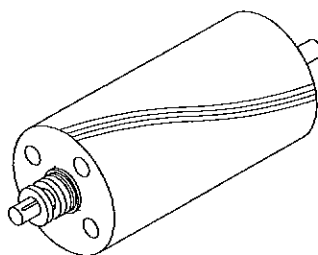
ITEM	PART NUMBER	QTY	DESCRIPTION
1A	351240P	-	Indicator, Model ASi 35 - 4 Connector/5Pin Plug (ASi 45 Shown)*
1A	351250P	-	Indicator, Model ASi 45 - 4 Connector/5Pin Plug (ASi 45 Shown)*
1B	351210P	-	Indicator, Model ASi 15 - 4 Connector/5Pin Plug (ASi 23 Shown)*
1B	351220P	-	Indicator, Model ASi 17 - 4 Connector/5Pin Plug w/Print Opt.(ASi 23 Shown)*
1B	359120P	-	Indicator, Model ASi 23 - 3 Connector/5Pin Plug (ASi 23 Shown)
1B	351230P	-	Indicator, Model ASi 25 - 4 Connector/5Pin Plug (ASi 23 Shown)*
2	040581P	2	Weigh Bar, Axle 5-Pin - PM20 Only (Serial No. ? - ?)
2	040611P	2	Weigh Bar, Axle 5-Pin - PM30 Only (Serial No. ? - ?)
3	219870P	1	Weigh Bar, Hitch 5-Pin - PM20 and PM30 (Serial No. ? - ?)
4	036740P	1	Clevis, Hitch
5	036670P	1	Bracket, Indicator
6	023270P	-	Nut, Flange 1/4" Lock
7	021240P	-	Screw, Truss Head 1/4" x 1/2"
8	219880P	1	Plug, 5-Pin Plug (for Four Connector Indicators Only)
9	036890P	3	Clip, Wire
10	990960P	-	Bolt, HHCs 3/4" x 4-1/2"
11	147310P	-	Nut, Hex 1"
12	003350P	-	Washer, Lock 1" Spring Type
13	036800P	-	Washer, Lock 1" Spring Type
14	036750P	-	Nut, Hex 3/4"
15	036780P	-	Connector, Female
16	147060P	-	Cord, Power Digital 23'
17	039261P	-	Bracket
18	111900P	-	Light, Warning Digital
19	111880P	-	Horn, Warning Digital
20	149670P	12	Tie, Plastic
21	039690P	-	Box, Battery
22	135440P	-	Clamp, Battery Positive
23	135450P	-	Clamp, Battery Negative
24	199090P	-	Dual Adapter

REGROOVED OR NEW 20" DRIVE ROLL ASSEMBLY



NEW	REGROOVED	DESCRIPTION
382220P	382221P	Roll Assembly 5 Groove Flat
396900P	396901P	Roll Assembly 5 Groove Sharp
382230P	382231P	Roll Assembly 7 Groove Flat
396920P	396921P	Roll Assembly 7 Groove Sharp
382240P	382241P	Roll Assembly 10 Groove Flat
388450P	388451P	Roll Assembly 10 Groove Sharp
388470P	388471P	Roll Assembly 12 Groove Sharp

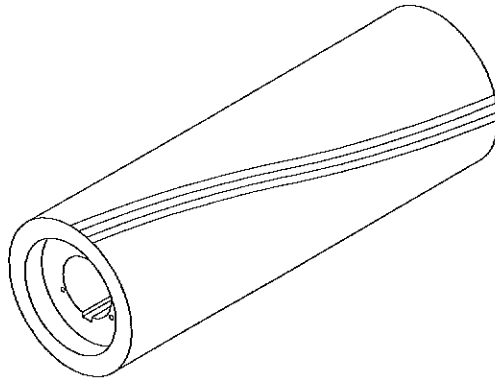
IDLER(ECCENTRIC) ROLL ASSEMBLY



NEW	REGROOVED	DESCRIPTION
382250P	382251P	Roll Assembly 5 Groove Flat
396910P	396910P	Roll Assembly 5 Groove Sharp
382260P	382261P	Roll Assembly 7 Groove Flat
396930P	396931P	Roll Assembly 7 Groove Sharp
382270P	382271P	Roll Assembly 10 Groove Flat
388480P	388481P	Roll Assembly 10 Groove Sharp
388500P	388501P	Roll Assembly 12 Groove Sharp

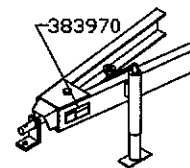
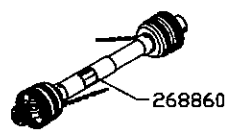
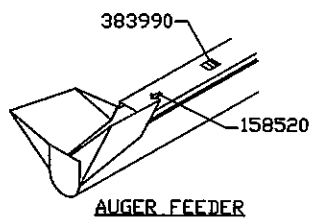
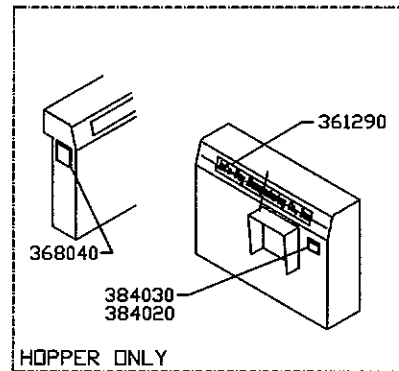
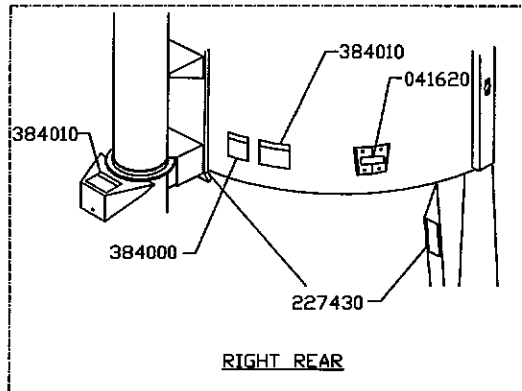
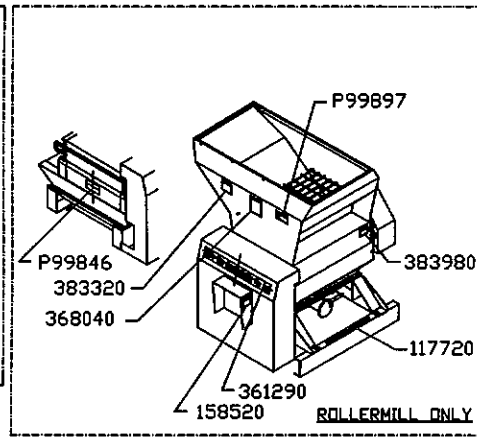
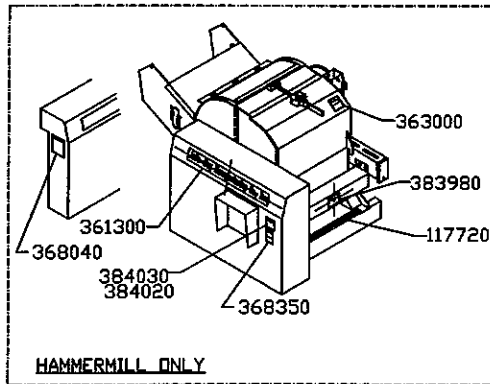
REGROOVED OR NEW 30"

ROLL REPLACEMENT



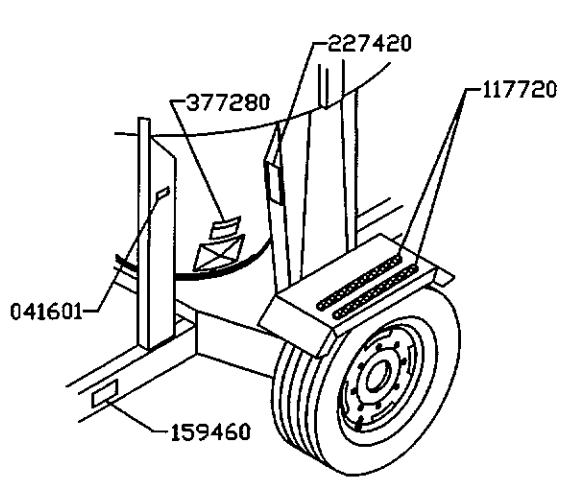
NEW	REGROOVED	DESCRIPTION
370080P	370081P	Roll 5 Groove Flat
396800P	396801P	Roll 5 Groove Sharp
370090P	370091P	Roll 7 Groove Flat
396840P	396841P	Roll 7 Groove Sharp
370100P	370101P	Roll 10 Groove Flat
390400P	390401P	Roll 10 Groove Sharp
389080P	389081P	Roll 12 Groove Sharp

PAINT & DECALS FOR PM20 & PM30

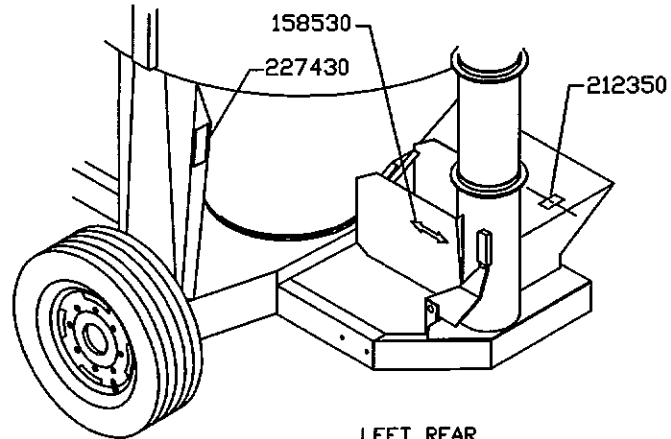
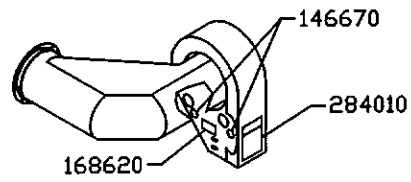


ITEM	PART NUMBER	QTY	DESCRIPTION
	043121P	-	Spray Can Art's-Way Green
	021990P	-	Quart Can Art's Way Green
	022010P	-	Gallon Can Art's-Way Green
	402990P	1	Kit, Decal-PM Series
	403000P	1	Kit, Decal-Safety (Portable Mixer-Processors)

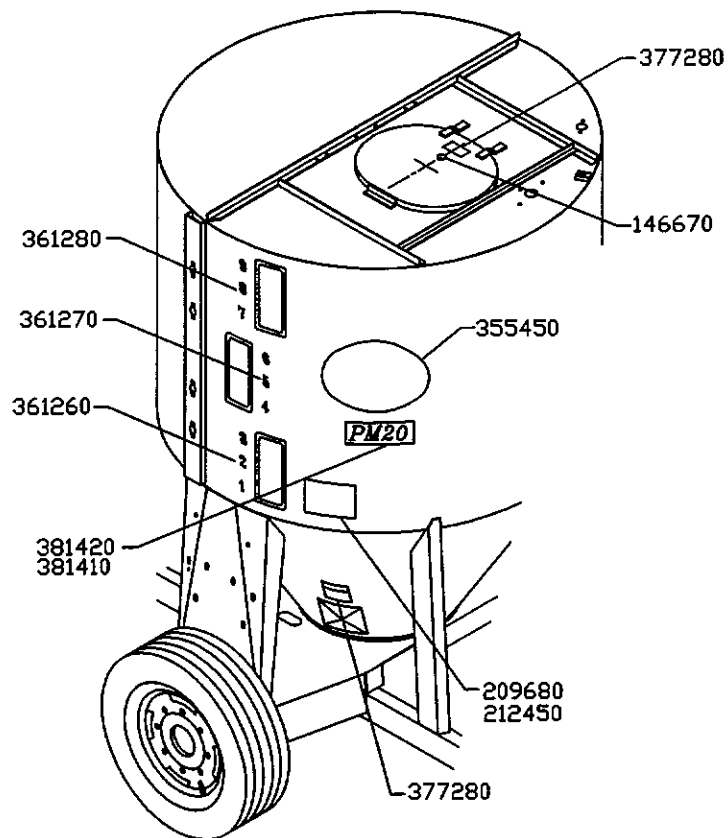
PAINT & DECALS FOR PM20 & PM30



BOTTOM LEFT FRONT



LEFT REAR



SPECIFICATIONS

MIXER-PROCESSOR

Tank and Frame

	PM20	PM30	PM30 (45" Discharge)
Capacity of mixing tank:	105 bu. (129 cu.ft.)	150 bu. (187 cu. ft.)	150 bu. (187 cu. ft.)
Height (variable with tire size):	106"	119"	119"
Width with auger feeder:	95"	111"	111"
Overall length:	170"	175"	175"
Weight			
Hopper only:	2,900 lbs.	3,680 lbs.	3,720 lbs.
20" HammerMill:	3,540 lbs.	4,320 lbs.	4,360 lbs.
26" HammerMill:	3,620 lbs.	4,400 lbs.	4,440 lbs.
20" RollerMill:	3,560 lbs.	4,340 lbs.	4,380 lbs.
30" RollerMill:	4,110 lbs.	4,890 lbs.	4,930 lbs.
20" 2-High RollerMill:	4,110 lbs.	4,890 lbs.	4,930 lbs.
20" Ear Corn RollerMill:	4,010 lbs.	4,790 lbs.	4,830 lbs.

Discharge Auger

Auger Diameter:	7"	7"	7"
Auger Tube Diameter:	8"	8"	8"
10' main auger at 60° angle:	16'7"	N/A	?
Horizontal operating arc:	324°	316°	316°
Vertical operating arc:	Infinite	Infinite	Infinite

Auger Feeder

Auger Length

20" HammerMill:	100"	100"	100"
26" HammerMill:	100"	100"	100"
20" RollerMill:	117"	117"	117"
30" RollerMill:	117"	117"	117"
20" 2-High RollerMill:	NA	NA	NA
20" Ear Corn RollerMill:	NA	NA	NA

Auger Diameter

20" HammerMill:	10"	10"	10"
26" HammerMill:	10"	10"	10"
20" RollerMill:	7"	7"	7"
30" RollerMill:	7"	7"	7"
20" 2-High RollerMill:	7"	7"	7"
20" Ear Corn RollerMill:	12"	12"	12"

Hopper width open

20" HammerMill:	20"	20"	20"
26" HammerMill:	26"	26"	26"
20" RollerMill:	23"	23"	23"
30" RollerMill:	23"	23"	23"
20" 2-High RollerMill:	23"	23"	23"
20" Ear Corn RollerMill:	20"	20"	20"

SPECIFICATIONS

Height of hopper from ground in down position

20" HammerMill:	16-1/2"
26" HammerMill:	16-1/2"
20" RollerMill:	17-1/2"
30" RollerMill:	17-1/2"

HAMMERMILL *

	20"	26"
Width of Mill:	Full 20"	Full 26"
Screen area:	600 sq. in.	780 sq. in.
Operating speed of PTO:	540 or 1000 rpm	540 or 1000 rpm
Operating speed of mill:	2800 - 3000 rpm	2800 - 3000 rpm
Screen Sizes available:	1/8", 5/32", 3/16", 1/4", 3/8", 1/2", 5/8" 3/4", 1", 1-1/4", 1-1/2" & 2"	1/8", 5/32", 3/16", 1/4", 3/8", 1/2", 5/8" 3/4", 1", 1-1/4", 1-1/2" & 2"
Type drive:	Six double banded 3V belts for 540 or 1000 rpm	Six double banded 3V belts for 540 or 1000 rpm
Power required:	40 to 100 hp	80 to 150 hp

*Mixer can be operated with HammerMill drive pin disengage from input drive pulley. Hardened swinging hammers reversible four times. Heavy duty 2-1/4" main shaft with 2" self-aligning dust sealed heavy-duty pillow block bearings. Swing open door with over center latch allows quick removal and installation of screen.

ROLLERMILLS * *

	20"	30"	20" 2-High	20" Ear Corn
Width of mill:	20"	30"	20"	20"
Roll diameter:	10"	10"	10"	10"
Screen area:	NA	NA	NA	NA
Operating speed of PTO:	540 rpm	540 rpm	540 rpm	540 rpm
Operating speed of mill:	540 rpm	540 rpm	540 rpm	540 rpm
Roll grooves available:	5, 7 & 10	5, 7 & 10	5, 7 & 10	5, 7 & 10
Type drive:	PTO Direct	PTO/Chain	PTO/Belt	PTO Direct
Power required:	50 hp	80 hp	80 hp	80 hp

** Rolls are regroovable.

SPECIFICATIONS, SELF-CONTAINED

PUMP (540 RPM)

Type: Gear Driven - Positive Displacement
Displacement: 3.87 cu. in. per revolution
Flow (GPM): 9.0 gallons per minute at 540 RPM
Input hp Required: 12.4 hp at 2000 psi
Pressure: 2500 psi

PUMP (1000 RPM)

Type: Gear Driven - Positive Displacement
Displacement: 2.00 cu. in. per revolution
Flow (GPM): 8.65 gallons per minute at 1000 RPM
Input hp Required: 11.9 hp at 2000 psi
Pressure: 3000 psi

HYDRAULIC RESERVOIR

Type: Fabricated pickled and oiled steel
Capacity: 12.5 Gallons
Ports: Suction: 1-1/2" NPT
Return: 3/4" NPT
Drain 3/4" NPT

FILTERS/STRAINERS/BREATHERS

Tank Mounted Suction Strainer

Flow Capacity: 15 GPM
Style: Suction Type
Screen Size: 100 Mesh
Thread Size: 1-1/2" NPT Male
1" NPT Female

Tank Mounted Filler Breather

Breather Filter: 40 Micron
Strainer Basket: 30 Mesh

Return Line Filter

Filtration: 10 Micron
Flow: 20 GPM
Internal Bypass: Relieves at 15 psi differentiation
Ports: 3/4" NPT

HYDRAULIC MOTORS

Auger Feeder and Lift

Type: Gear, low speed high torque
Displacement: 12.0 cu. in. per revolution
Flow: 9 gpm maximum
Pressure Rating: 1500 psi continuous, 2000 psi intermittent
Ports: 1/2" NPT

Swing

Type: Gear, low speed high torque
Displacement: 20 cu. in. per revolution
Flow Rating: 12 gpm continuous, 15 gpm maximum
Pressure Rating: 1000 psi continuous 1400 psi intermittent
Ports: 1/2" NPT

VALVES

Directional Valve Assembly: Consisting of (2) DO3 Solenoid operated 4 way 3-0position valves mounted on a common manifold.

Valves

Type: DO3 4-way 3 position
Solenoids: 12V Electric
Flow: System design 4 gpm, maximum 20 gpm
Pressure Drop: 25 psi @ 4 gpm, 150 psi @ 20 gpm
Misc: Manual overrides on each solenoid

Manifold

Type: Series
Material: Aluminum
Porting: P & T 7/8"-14 SAE "O" Ring
A & B 3/4"-16 SAE "O" Ring
Gauge 7/16"-20 SAE "O" Ring

Flow Control

Construction: Brass
Maximum
Working Pressure: 2000 psi
Flow (maximum): 8 gpm
Porting: 3/8" NPT

Flow Divider

Flow: 2-14 gpm
Controlled Flow: Preset at 4 gpm
Pressure: 3000 psi maximum
Ports: 1/2" NPT

System Relief

Relief Setting: 2000 psi
Flow: 30 gpm
Ports: 1/2" NPT

Dual Relief (Lift)

Maximum
Pressure: 3000 psi
Preset Pressure: 800 psi

SPECIFICATIONS, SELF-CONTAINED

Ports: 1/2" NPT

Adjustable Flow Control

Flow Range: 0-16

Maximum

Pressure: 3000 psi

Ports: 1/2" NPT

ELECTRICAL ACTUATORS

Type: 12 volt DC

Load Rating: 250 lbs.

Stroke: 8"

Overload

Protection: Ball detent overload clutch

Drive: Acme screw thread

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023060P	5	29	023620P	15	33	023950P	16	35	027260P	16	73
023060P	28	37	023620P	15	35	023950P	16	41	027260P	32	77
023060P	28	77	023620P	30	37	023950P	16	43	027260P	23	79
023060P	22	79	023620P	10	39	023950P	23	55	027260P	31	81
023060P	10	85	023620P	15	41	023950P	43	65	027260P	31	83
023060P	29	91	023620P	15	43	025100P	33	99	027260P	31	87
023060P	29	93	023620P	20	66	025390P	25	9	027260P	31	89
023060P	29	95	023620P	5	51	025670P	1	5	027260P	32	91
023060P	2	100	023620P	26	59	025670P	35	9	027260P	32	93
023090P	11	71	023620P	2	69	025670P	16	18	027260P	32	95
023110P	14	28	023620P	23	75	025670P	9	28	027260P	40	97
023110P	14	29	023620P	29	77	025670P	9	29	027260P	28	99
023110P	29	37	023620P	28	81	025670P	32	37	027260P	6	102
023170P	5	83	023620P	28	83	025670P	37	57	027260P	26	108
023170P	5	89	023620P	28	87	025670P	31	77	027260P	15	114
023180P	36	97	023620P	28	89	025670P	30	81	027260P	11	115
023260P	12	5	023620P	38	97	025670P	30	83	027660P	18	53
023260P	31	17	023620P	7	104	025670P	30	87	027660P	31	57
023260P	37	51	023620P	20	105	025670P	30	89	027660P	47	77
023260P	16	53	023620P	21	106	025670P	1	90	027660P	32	81
023260P	25	59	023620P	10	107	025670P	1	92	027660P	32	83
023260P	6	69	023620P	7	111	025670P	1	94	027660P	32	87
023260P	12	71	023630P	30	5	025670P	16	101	027660P	32	89
023260P	27	81	023630P	15	18	025670P	6	103	027660P	41	97
023260P	27	83	023630P	16	21	025760P	9	15	027660P	27	108
023260P	27	87	023630P	15	23	026630P	17	11	027660P	17	109
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023260P	25	99	023630P	23	29	026630P	11	85	028230P	33	77
023270P	32	17	023630P	31	37	027260P	10	6	028230P	8	101
023270P	10	26	023630P	11	39	027260P	31	9	029440P	38	51
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023270P	4	74	023630P	20	53	027260P	34	17	029440P	32	57
023270P	31	91	023630P	24	75	027260P	6	25	029440P	28	59
023270P	31	93	023630P	30	77	027260P	32	29	029440P	20	63
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030470P	10	14	034360P	17	35	035830P	37	91	040300P	2	5
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