



Art's-Way Manufacturing Co., Inc
PO Box 288
Armstrong, IA 50514
Ph: 712-864-3131

146 and 166 TWO-WAY MOLDBOARD PLOWS

ON-LAND OR IN-FURROW, WE'LL KEEP YOU GOING BOTH WAYS



Art's-Way two-way plows offer you a choice to match your preference. Both give you generous clearance for smooth residue flow.

In-Furrow 146. Plow up to 14 in. deep with this popular two-way. Leveling is simple with quick-set leveling pins. Plowing depth is controlled by the 3-pt. hitch and gauge wheel. Depending on the model, you can choose automatic hydraulic reset, spring-trip or rigid beams.

On-Land 166. This extra heavy-duty two-way is built for your high-horsepower tractor. Top and bottom reinforcing plates, pivot cylinder anchor bars and the plow carrier frame have all been strengthened with thicker steel construction. Joint integrity has been bolstered by implementing special welding procedures and increasing the size of existing weld.

The 166 has few adjustments, which makes it easy to prepare for the field and simple to operate. The plow levels easily with individual quick-set stops. A big rear landside(rear furrow wheel optional on 4 and 5 bottoms) adjusts to control side draft. A choice of rigid or spring-trip beams allows you to configure the 166 to match your individual tillage needs.

SPECIFICATIONS 146 IN-FURROW

Size.....3, 4 and 5 Bottoms
 Bottoms.....HSCX Super Chief, HSCU deep tillage Super Chief
 Depth of Cut.....14 in. (356 mm)
 Width of Cut.....16 or 18 in. (406 or 457 mm), depending on model
 Frame.....Heavy-duty tubular steel
 Beams.....Automatic hydraulic reset, Rigid or spring trip
 Hitch.....3-pt. Cat III (Should be equipped with front-end weights for stability)
 Clearance.....Vertical-32 in. (813 mm) with automatic beams, 30 in. (762 mm) with rigid and spring-trip beams.
Fore -and-aft-28 in. (711 mm) on 18 in. (457 mm) plows, 25 in (635 mm) on 16 in. (406 mm) plows.
 Coulters:.....Available as attachment for 3- and 4-furrow bottoms with spring-trip and rigid beams: rear bottom only on 5-furrow
 and hydraulic reset beam plows. Rippled blade 17 in.(432 mm) single-arm; Rippled cushion 20- or 22-in.(508, 559 mm) cast arm
 Leveling.....Quick-set leveling pins
 Rollover.....Hydraulic rollover mechanism with 3 x 8 in. (76 x 203 mm) double-acting cylinder with check valve and hoses
 Gauge Wheel.....Automatic two-way automotive, with 7.50-14 4PR tire on 3- and 4-furrow rigid and spring-trip:
9.5L-14 6PR on automatic plows and 5-furrow rigid



Rear gauge wheel automatically reverses its position as the bottoms rotate

Simple rear gauge wheel adjustment for constant plowing depth



3-pt. cat II and III on 3-,4- and 5-furrow
 3-pt. cat III and IV on 6 furrow



Heavy-duty frame and hydraulic rollover for dependable long life

The popular HSCX moldboard is ideal for most plowing conditions



The 166 on-land plow is available in 4-, 5- and 6-furrow sizes

SPECIFICATIONS 166 ON-LAND

Size.....4, 5 and 6 Bottoms
 Bottoms.....HSCX Super Chief, HSCU deep tillage Super Chief
 Depth of Cut.....14 in. (356 mm)
 Width of Cut.....16 or 18 in. (406 or 457 mm), depending on model
 Frame.....Heavy-duty rectangular steel box-type
 Beams.....Removable heat-treated alloy steel Rigid Beams or heavy spring trip
 Hitch.....3-pt. Cat II and III on 4 & 5 furrow.Cat III & IV on 6 furrow (Should be equipped with front-end weights for stability)
 Clearance...Vertical-30 in. (762 mm) Fore and Aft-27 in. (686 mm) on 18in. (457 mm) plows, 24 in. (610 mm) on 16 in. (406 mm) plows
 Coulters..Available as attachment for rear bottom only.Rippled blade 17 in.(432 mm) side arm: Rippled cushion 20 in.(508 mm) side arm
 Leveling.....Individual quick-set stops
 Rollover.....Hydraulic rollover mechanism with 3.5 x 12 in. (89 x 305 mm) double-acting cylinder with hoses
 Gauge Wheel.....14 in. (356 mm) automatic two-way automotive, with 9.6L-14 6PR tire
 Rear furrow wheel.....Optional, steel. Beam-stop attachment required for spring-trip plows when equipped with rear furrow wheel



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7501 SEMI-MOUNTED VARI-WIDTH PLOW

ADJUST CUTTING WIDTH TO MATCH YOUR SOIL, TILTH AND TRACTOR



Art's-Way 7501 plows offer flexibility. Your soil conservation plans may require more surface residue than a traditional plow leaves, yet still demands the action that only a moldboard gives.

The adjustable width-of-cut available on Art's-Way semi-mounted plows is the cutting width to best utilize your tractor and plow. Choose from either hydraulic or manual controls. Plus, you can narrow the cut to leave more residue exposed or, conversely, widen the cut to completely bury residue.

Vertical clearance is 34 in. for no-plug plowing. Fore-and-aft clearance ranges from 32.6 to 36.8 in., depending on your cutting width.

All 7501 plows feature massive main-frames that use heat-treated steel forgings on the trip-mounting pivots. These forgings overlay and project into the mainframe for added strength.

Choose an on-land or in-furrow hitch to meet your plowing preferences. In-furrow plows come with 4, 5 or 6 furrows: with factory or field-installed extensions, you can expand the 4- and 5-furrow, respectively. Likewise, on-land plows are available in 5- (expandable to 6) 6- (expandable to 7) and 7-furrow models.

SPECIFICATIONS 7501 Semi-Mounted Vari-Width

Size.....In-Furrow..4/5*; 5/6*; or 6 bottoms.....On-Land..5/6*; 6/7*; or 7 bottoms
 Bottoms.....HSCX Super Chief; HSES European-Style, or HSCU deep-tillage Super Chief
 Depth of Cut.....12 in. (305 mm)
 Width of Cut.....Manual turnbuckle (standard) or hydraulic cylinder. Infinitely variable...14-22 in.(356 to 559 mm)
 Line of draft.....Manual turnbuckle (standard) or hydraulic (optional; on land plows only)
 Frame size.....6 x 8 x 3/8 in. (152 x 203 x 9.5 mm) mainframe; 6 x 6 in. (152 x 152 mm) pull; tubular steel
 Beams.....AutoTrip II automatic reset or toggle-trip
 Hitch.....Cat III 3-pt. standard. (Cat III recommended for maximum width-of-cut adjustment.) In-furrow--tractor must also
 be equipped with two remote hydraulic outlets for rear lift cylinder and hydraulic width-of-cut or line-of -draft
 Clearance.....Vertical-34 in. (864 mm) Fore and Aft-32.6 in. to 36.8 in.(828 to 935 mm) depending on cutting width
 Coulters.....Rippled cushion 20 in. (508 mm) blade cast-arm standard; rippled cushion 22 in. (559 mm) cast-arm,
 or concave crimp-center 20 in. (508 mm) disk blade cushion optional
 Tires.....9.5L-14 6PR (gauge, front furrow)...11L-15 (rear furrow; on-land only.)
 * With optional frame extensions

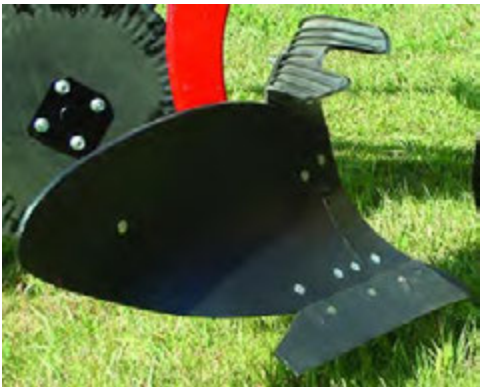


11L-15 load rating "F" PR
 steerable rear furrow wheel,
 9.5L-15 8 PR gauge wheel

Toggle trip beams keep working
 at the depths you preset, even
 under high draft loads



9.5L-15 12 PR tire
 castering front wheel



HSCXN-25 HD Super Cheif w/
 high speed moldboard and
 upset share with landside and
 optional trash plate

Choose from 20- or 22-in.
 rippled coulters
 or 20-in. dish coulters



TRIP PROTECTION THAT SETS THE STANDARD

You expect a moldboard plow to break ground...not the other way around. Rocks, stumps and hidden obstacles won't put you out of action when you have AutoTrip II automatic reset or toggle-trip beams, available on Art's-Way plows. Both feature independent action for handling trip loads up to 6,000 lbs.--tripping action that doesn't affect other bottoms.

AutoTrip II. For severe rocky conditions, choose AutoTrip II automatic reset beams. AutoTrip II beams react to rocks or obstructions in one of two ways. 1). When a bottom hits an obstruction it can slide over, AutoTrip II allows it to ride up and over without tripping. Once the point passes over the obstruction, it immediately returns to the preset plowing depth. 2). When a bottom hits an obstruction it can't ride over, it trips--as high as 13 in.--before springing back to work. In both situations, you simply keep on plowing, with nothing to shift, lift or adjust.

Toggle-Trip. Toggle-trip design allows the beams to hold firmly against high draft loads, maintaining their working positions. When a bottom hits a rock, the beam trips to the rear. To reset, simply stop and raise the plow, and gravity puts the bottom back into working position. Re-lower the plow, and your on your way...all without having to leave the tractor seat.