PLOWS for FORD TRACTORS

make ground breaking jobs Easy, Economical

- 1, 2 and 3-Bottom Moldboard Plows
- 2 and 3-Disc Plows
- One Way Plows
- Disc Tillers
- Middlebusters
- Subsoilers
- Bush and Bog Harrows
An even-depth, clean-cut furrow and a well-turned furrow slice... these, above all else, are what every farmer wants from his plow. The picture on this page reflects what the Ford Moldboard Plow and the Ford Tractor are doing in these respects upon thousands and thousands of farms. Before you buy any plow you owe it to yourself to appraise, first hand, the job the Ford Plow will do right on your farm, in your own soil conditions.

Besides the job it will do, this plow has Ford's famous lift type design. You'll remember what this means... more operating economy because there are no carrying wheels, no axle, no tongue and no safety clutch or shear pins. Think what the elimination of all these parts will mean in maintenance costs alone on your farm over the years, not to mention trouble and delay!

But the elimination of needless parts means more than merely cutting upkeep costs. The machine is greatly simplified. Parts once thought vital to performance are found to be useless and can be discarded. New methods take their place. Performance and dependability are better than ever!
You get better plowing with

FORD TRACTOR POWER

because you have better control over:

- TRACTION
- DRAFT
- IMPLEMENT POSITION

The features described on this page are only some of the reasons for the outstanding performance of Ford Plows with Ford Tractors. Look them over and see how they contribute to good plowing... see how they can help you to do a better job of plowing at lower cost. Whether you're interested in 2-plow or 3-plow power... 4-wheel or tricycle models... there's a Ford Tractor that can supply your needs.

TAILORED TRACTION

Ford Tractors increase traction automatically in heavy plowing. Also liquid in the rear tires will increase traction. In tough, heavy soils, however, you may wish to add still more weight. This can be done with Ford Vari-Weights... and you don't have to break your back to do it. They are made in segments - 12 to a wheel, and are easy to put on or take off to suit the job.

CONSTANT DRAFT CONTROL

Selector lever "down"

The hydraulic system automatically keeps the plow at a depth where it exerts a uniform draft on the tractor. That means constant depth in uniform soils, even over ridges or uneven surfaces. Where soil conditions vary, desired depth can be maintained with Hydraulic Touch Control lever.

IMPLEMENT POSITION CONTROL

Selector lever "up"

No matter how much the soil varies you maintain a constant working depth in a smooth field with selector lever in this position. It's automatic - you don't have to move the Hydraulic Touch Control lever.

www.ntractorclub.com
FORD 3-BOTTOM PLOW
for fast, efficient, low-cost plowing

DESIGNED FOR FORD 800 AND 900 SERIES TRACTORS

You can take full advantage of the economical 3-plow power of a Ford 800 or 900 Tractor with this plow in most soils. In many soils you can even use it efficiently with other models of Ford Tractors. It covers the ground fast, does a good job in a variety of conditions. Available with 12", 14" or 16" Economy or 10", 12" or 14" conventional bottoms.

CONVERSION KIT FOR MAKING 3-BOTTOM PLOW OUT OF 2-BOTTOM

If you already own a Ford or Dearborn 2-bottom economy plow you can easily convert it to a 3-bottom size. You need buy only a front bottom and the proper size third beam conversion kit.

and here's the FMD 3-BOTTOM MOLDBOARD PLOW

for the powerful, rugged FORDSON MAJOR DIESEL TRACTOR

Made especially for the powerful, low-cost Fordson Major Diesel Tractor, this rugged 3-bottom plow has the strength and capacity for dependable plowing where the going is tough. Attaches to 3-point hitch similar to that on Ford Tractors, and is fully tractor mounted. Has rubber tired gauge wheel for depth adjustment and is available with either Economy bottoms in 12, 14 and 16-inch sizes, or regular bottoms in 10", 12" and 14" sizes.
It's the FORD 2-BOTTOM PLOW

for most plowing needs with FORD 600, 700 and earlier model tractors

Ford 2-Bottom Plows are available with your choice of 10, 12, 14 or 16-inch bottoms, and for most soils are just right to match the power of Ford 600, 700 and earlier model tractors. For top quality, low-cost plowing you can't beat the performance on one of these 2-bottom plows attached to a Ford 2-Plow Tractor.

These plows are low in first cost, low in operating costs and low in maintenance costs. Compact design and close-coupled construction make them easy to maneuver in corners and in irregular shaped fields. Little space is required for convenient storage when the plow is not in use.

Like other Ford Moldboard Plows, any Ford Moldboard bottom may be used on the frame. This feature means you buy only the type bottoms to meet your different plowing needs.

A demonstration on your farm, in your own soil conditions will give you convincing proof that a Ford Moldboard Plow attached to a Ford Tractor can give you top plowing performance with a minimum cost.

The SINGLE BOTTOM FORD PLOW takes tough jobs

TURNS DEEP, WIDE FURROWS ... DOES A GOOD JOB OF COVERING

With its deep throat and wide throw, the Ford Single Bottom Plow does a remarkable covering job in rank growth and heavy trash. Equipped with either 16" or 18" Economy bottom, this plow can go as deep as 12". It is well suited to the deep, clean plowing needed for corn borer control.
A farmer, an engineer and an artist would all readily agree that the Ford Plow is a beautifully designed machine just by looking at it. What's more, after these three had seen the even-depth, clean-cut, well-turned furrows it makes, they would also agree that it did beautiful work. Beyond this, the practical farmer will appreciate what good plowing with this remarkable implement can mean to his farming success.

**BEAMS**

Precision built of 1½" x 3" heat treated steel. Tremendous resistance to springing. Can be equipped with Economy Bottoms or any of the bottoms shown on page 10.

**ROLLING LANDSIDE**

A one-piece steel disc mounted on an induction hardened, accurately machined spindle. Rolling landside resists moldboard pressure and reduces power requirements for greater efficiency and operating economy.

**MOLDBOARDS**

Wide variety available. Shown in this illustration is the “Economy” bottom... For details on all bottoms see page 10.

**FROGS**

Shin, moldboard, landside and share all mount on an arc welded heat treated frog in the case of the Economy Bottom. Other Ford Steel Bottoms have heavy drop forged frogs and one piece moldboards.

**SHARES**

Wide variety of types, shapes and sizes for different bottoms. Shown here are Ford's famous "Razor Blade" shares, available with either polished or shot blast finish. For more information and details see pages 8 and 11.
"A" FRAME
Made of 5/16" high carbon steel plate! Here is an exceptionally strong frame, built to absorb severe shocks without damage.

CROSS-SHAFT
Sturdy 1½" x 2" heat-treated steel. It's shaped just right to make width of cut adjustments fast, easy and accurate.

LIFT AND HITCH
Attaches to the tractor at three points. A handy man can hook up in less than 60 seconds. The Ford Tractor's Hydraulic Touch Control lifts and lowers plow. No ropes, no springs, no tiring wrench work required!

COULTER ADJUSTMENT
Can be adjusted up, down or sideways to suit the job. Tapered bearing permits you to keep coulter snug for top performance and long endurance. Limit stop helps to keep coulter in alignment, even in rocky ground. Coulters sold separately.

BRACING
Tie rod and spacer correctly space front end of beams. Beam brace of 1" x 2½ flat hardened steel ties plow frame into stout, rigid unit.

SHINS
Replaceable shin available on Economy Bottoms. With these bottoms, when shin wears to point where plowing is affected, you don't lose the whole moldboard - just replace the shin for fraction of the cost!

JOINTERS
Jointer arm mounts directly on coulter fork. Jointer can be removed from coulter if desired. Jointer blade is made of carburized steel for long life. Jointers sold separately.
THE FORD ECO

...the only bottom that can use "RAZOR BLADE" SHARES!

The shape of this bottom is about midway between a general purpose and stubble bottom. It is shaped to give a sharp throw to the furrow slice. For these reasons, it breaks up the soil, covers trash, makes better seed beds!

This bottom has a number of outstanding features including its frog and replaceable shin as shown in the "exploded" view on the next page. Perhaps its most important feature is that it is the only bottom that can use "Razor Blade" shares—described in detail on this page.

Economy Bottoms are available in 12, 14, 16 and 18-inch sizes. Each size can be used with either regular or full cut shares to achieve the results you want under different conditions. This gives you a wide performance range. "Razor Blade" shares are also used on the Economy Sod and Clay Bottom and the Economy Combination Bottom... see page 10.

TWO TYPES OF "RAZOR BLADE" SHARES

...Polished and Shot Blast

Ford "Razor Blade" Shares are available with either polished or shot blast finish. Polished shares are recommended for plowing soils where scouring is a problem, but in most soils the shot blast shares perform equally as well. They are of the same quality, yet shot blast shares are lower in cost.

"RAZOR BLADE" SHARES ARE PRICED LOW
...SO LOW YOU NEVER SHARPEN 'EM

"Razor Blade" shares are formed of tough, high quality, long wearing steel. Their weight before they are used is only a third of the weight of a conventional share. What's more, the price is so low that you never sharpen "Razor Blade" shares, polished or shot blast—you just throw used ones away. Shot blast shares cost even less than polished shares.

Count the money you've spent for resharpaging shares that became less and less efficient with each resharpaging. No need for this waste with Ford "Razor Blade" Plow Shares.

What's more, "Razor Blade" shares are always the right shape. This means they do a better plowing job, lighten draft, cut costs.

SIZES AVAILABLE

"Razor Blade" shares are available for 12, 14, 16 and 18-inch bottoms. Different size shares can be used with various size bottoms as follows:

12" Bottom
12" short 12" regular
14" regular 14" regular 16" regular

16" Bottom
14" short 16" short 18" short
16" regular 18" regular 20" regular

18" Bottom
NOMY BOTTOM

Heat treated landside
2 Advanced design arc welded heat treated frog, accurately shaped
3 Replaceable shin
4 Moldboard has sharp throw to provide pulverization
5 "Razor Blade" shares, polished or shot blast
   — only the Economy bottom can use them!

SAVINGS LIKE THESE ON SHARES ALONE!

If conventional plow shares need resharpening after 30 acres of plowing, tests show that you can save $13.10 of share cost per 100 acres by using Ford polished "Razor Blade" shares (even more with shot blast shares) instead of conventional steel shares which require skillful sharpening.

If your new shares need resharpening after 10 acres of plowing, Ford "Razor Blade" shares can save you $39.20 or more per 100 acres.

Possible savings under other conditions with polished shares are shown in the table at right. Even greater savings are possible with the lower cost shot blast shares.

<table>
<thead>
<tr>
<th>ACRES PLOWED with new conventional steel shares BEFORE SHARPENING</th>
<th>POSSIBLE SAVINGS in share cost per 100 acres of plowing with Ford &quot;Razor Blade&quot; shares.</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>$ 7.90</td>
</tr>
<tr>
<td>40</td>
<td>9.80</td>
</tr>
<tr>
<td>20</td>
<td>19.60</td>
</tr>
</tbody>
</table>

These figures are based upon field tests throughout the country in varied soils and under different plowing conditions. Results in your locality will naturally depend upon conditions, including original share costs and the cost of sharpening conventional shares.
GENERAL PURPOSE STANDARD
Designed for average soil conditions, the general purpose bottom is used on more farms than any other type. It is designed for use in old land, stubble, and tame sod free of mat ted roots, excessive stalks, or trash. It is an outstanding high-speed bottom. This 14” bottom has a soft-center steel moldboard and soft-center carburized share.

STUBBLE STANDARD
The stubble bottom moldboard is shorter than the general purpose and is curved sharply to invert the furrow slice. Ability to pulverize stubble and scour well under adverse conditions are outstanding performance features of this 14” bottom. The stubble bottom is equipped with soft-center moldboard and soft-center type carburized share.

SOD AND CLAY STANDARD
This bottom (12”) resembles the general purpose bottom, only with a more curved and longer moldboard to turn the furrow slice slower. It is well suited for clay and stiff sod and turns sod cleanly without kinking or breaking the furrow slice. Has soft-center moldboard and soft-center carburized steel share.

SCOTCH STANDARD
The Ford Scotch Bottom has a very narrow share point which does not cut the full width of the furrow slice, thus keeps it almost intact as turned. This uncut portion anchors and pivots the furrow slice, in an up-ended position. The resulting “valleys” between slices hold rain or snow. The edged-up furrow slices speed drying of wet land. This bottom is equipped with a solid cast steel share. Scotch bottom is 10”.

ECONOMY COMBINATION with “Razor Blade” Shares
This bottom is designed for low-cost plowing in heavy stubble, stalks or trash. Its operating characteristics are similar to the stubble standard bottom, but it has all the advantages of the Economy Bottom. It is light in draft, pulverizes well and does good work in hard-to-scour soils. It has a 12” soft center, carburized steel moldboard with replaceable shin, and a 14” “Razor Blade” share.

ECONOMY SOD AND CLAY with “Razor Blade” Shares
Has about the same operating characteristics as the regular sod and clay bottom. However, it can be pulled at higher speeds than the regular Economy Bottom and still give you a good plowing job. In addition, you get all the advantages of low cost plowing that any Economy Bottom gives you, including “Razor Blade” share, replaceable shin and all the rest!
FORD HAS THE RIGHT COMBINATION OF SHARE SHAPES AND MATERIALS

MATERIALS

SOFTWARE TYPES OF STEEL
Soft-center steel is made by welding two layers of high carbon content steel over a layer of low carbon steel. Carburizing is the process of hardening the outside surfaces by increasing the carbon content, leaving the center soft. Both processes make a steel which is very hard on the outside for scouring purposes. The inside remains soft, providing toughness to resist shock.

SOLID STEEL
Solid steel has the same physical characteristics all-the-way-through. Tougher than the soft-center steel, it resists shock better. Well adapted for stony land and where scouring or abrasion is not a problem.

ATTACHMENTS AND ACCESSORIES

SHARES
Full cut or regular shares are adaptable to average soil conditions and are most widely used. They provide a clean cut furrow slice.

WEED HOOKS
Weed Hooks are useful in turning under high weeds, grass and stalks. They fold tall vegetation forward and downward into the furrow at the right time for the furrow slice to cover it. Ford Weed Hooks are made for heavy-duty service.

MOLDBOARD EXTENSIONS
Ford Moldboard Extensions, available for Standard General Purpose, Sod and Clay or Scotch Bottoms, and Economy Sod and Clay Bottoms, are used in certain types of soils to give the furrow slice an additional “roll” as it leaves the moldboard. Effective in turning old sod that has a tendency to “edge up” instead of breaking over.

COMBINATION COULTER-JOINTER
Adjustable to give you clean furrow walls, avoid clogging and provide thorough coverage. Adjusts sideways, up and down. Jointer has independent adjustment for height and clearance. Tapered coulter bearing for long life. Coulters available in 15½” or 18”, either notched or plain. Jointers available in standard or long blade sizes. Coulters-Jointers sold separately.

COVER BOARDS
Here is a convenient, effective attachment to aid in covering heavy trash without plugging... keeps trash from lodging in curve of beam. It does a good job of covering corn stalks, soybean residue, straw and trash. Fits 12”, 14” and 16” Economy Plows.
Disc plows are the answer to many soils that are too tough for practical moldboard plowing. Where these conditions exist, a Dearborn Disc Plow behind a Ford Tractor will do the job effectively and at low cost. They are especially suitable for sticky soils that are tough to scour, and for hard-to-penetrate or abrasive soils. They are also excellent for building terraces, plowing newly cleared land or making fire lanes.

Dearborn Disc Plows are adjustable for plowing 9" to 11" furrows with each 26-inch disc. Tail wheel is free floating, adjustable and steerable.

This is a heavy duty disc plow that’s made to take advantage of the rugged power of the Fordson Major Diesel Tractor. The heavy frame is extra strong, with plenty of weight for good penetration. Three long-wearing discs will see you through acre after acre of good plowing. It’s an easy-handling outfit with simple adjustments for width and depth of cut and for levelness of plow. A gauge wheel provides accurate depth control. Attaches to 3-point hitch in less than a minute.
ONE WAY PLOWS 4½ AND 5 FOOT CUTS

FOR A VARIETY OF JOBS

Eight big 22" shock resistant discs give this Dearborn Plow remarkable ability to chop trash and stubble. It leaves well-pulverized soil just right for planting, seeding, summer fallow or weed control. Instead of turning under trash or stubble, it leaves part at the surface for erosion control. Can be used to build terraces, irrigation ditches, beds, level fields and disc down forage crops.

It takes just 60 seconds to attach the Dearborn One Way Plow to a Ford Tractor. It lifts and lowers hydraulically and has a 13-inch clearance in the raised position for convenient transport.

FORD MIDDLEBUSTER

The Ford Middlebuster can be attached to a Ford Tractor in a minute or less. The Ford Tractor lifts the middlebuster for transport; lets you move quickly to the field, make short, fast turns on headlands, work point rows with new ease and accuracy. Through the Ford Tractor's Constant Draft Control and Implement Position Control, you can maintain uniform working depth under varying conditions. You can space the bottoms from 36 to 54-inch centers, as desired, or use only one bottom in the center for one-row work. Optional equipment, sold separately includes runners and brackets, coulters, planter attachment and fertilizer attachment.

THE TAYLOR DISC TILLER

...FAST, LOW COST TILLAGE

Here's tillage speed. Here's an earth mover that proves excellent for terrace building. Here's ease of employing mulch tillage—using after-harvest trash, stalks, stubble and weeds to "tie down" top soil, resist erosion. Here's a way to handle cover crops with ease. And here's a new means of profiting from Ford Tractor Power and ease of implement control.

The Taylor Disc Tiller has four vertical 26" discs, spaced 10 inches apart. High beam clearance to prevent trash ing up. By means of a steering link, the rear wheel functions as a rudder, assisting the Tiller to follow the tractor and give more uniform width of cut.
A REALLY VERSATILE HEAVY DUTY HARROW

Dearborn Bush & Bog Disc Harrow

This is the most versatile heavy duty harrow we have ever offered. With its reversing and tilting adjustments, you can use this harrow in many ways. With gangs level, it is fine for discing heavy soil; leveling old beds, rice levees and dykes; chopping heavy trash; clearing new land; building fire lanes; improving pastures; discing in cover crops. It has a full six-foot cut.

By tilting the gangs down in the middle, it makes or cleans ditches. By reversing and tilting gangs up in the middle, it can make beds.

Also available are three heavy duty non-reversible types. These models have a cutting width of 7½ feet, and like the reversible type, have your choice of three sizes of notched disc blades — 20, 22 or 24 inches.

NOW YOU CAN HAVE 2 HARROWS IN 1

Fold-Over Disc Harrow

A Bush and Bog Harrow — As a bush and bog harrow, the Dearborn Fold-Over Disc Harrow has approximately ninety pounds on each of its eight notched front discs. You'll find many uses for it such as chopping extremely tough surface trash, rank growth or heavy sod. It also works fine for breaking sod land, leveling ridges and working boggy lands.

Turns into a Tandem Disc Harrow — When used as a tandem disc harrow, the Fold-Over Disc Harrow levels plowed ground in a hurry...leaves smooth, well-pulverized soil that's just right for seeding or planting.

There are five models available — three for use with Ford Tractors and two for the Fordson Major Diesel. Cutting widths range from 6½ to 7½ feet.

NO NEED TO CONTRACT FOR SUBSOILING

If you have a Ford Subsoiler

This low-cost Ford subsoiler is easy to operate, simple to maintain. It's excellent for breaking plow pan to promote water absorption, for opening underground trenches to "bleed" wet or swampy spots and for promoting aeration for dense soils of all kinds. It also makes plowing easier by loosening hard-packed soils, and is handy for loosening gravel, dirt or other material for easy handling by loaders, scoops, blades, etc.

Don't let the low price of this tool mislead you. With the Ford Tractor it can work to a depth of 18 inches! In raised position you get a minimum 9" clearance. Lifts and lowers by Ford Tractor Hydraulic Touch Control. Both point and beam are reversible for longer life.
SPECIFICATIONS

PLOWS FOR FORD TRACTORS

BEAMS: Extra Heavy Duty, built of 1 1/2 x 3 inch heat-treated steel. BRACING: Beam brace of 1 x 2 3/4 inch hardened steel, ties the plow frame into a rigid unit. CROSS-SHAFT: Heavy 1 3/4 x 2 inch heat-treated steel. Shaped like an arc—provides mounting points for link pins used to attach plow and also an easy way to adjust width of cut of plow. ROLLING LANDSIDES: Induction hardened spindle, accurately machined. Wheel is 1-piece steel disc. BOTTOMS: Economy, general purpose, stubble, sod and clay, silt, scotch, Economy sod and clay. APPROXIMATE SHIPPING WEIGHTS: 450 and 650 lbs.


Working depth up to 12". 4 sizes of "Razor Blade" shares available for either the 16" or 18" bottoms. Sliding drawbar moves laterally through "A" frame for adjusting width of cut of the plow from 14" to 20". HEIGHT CLEARANCE: 12" APPROXIMATE SHIPPING WEIGHT: 285 pounds.

DISCS: 26" heat-treated Cross Rolled Steel. BEAMS: Cast Steel beams securely bolted to cast steel frame. SCRAPERS: Hoe Type or Adjustable Moldboard type. FURROW WHEEL: Steerable, adjustable and free floating. BEARINGS: Tapered Roller in Discs and Furrow Wheel. APPROXIMATE SHIPPING WEIGHTS: 690 and 860 lbs.

DISCS: 3-26" heat-treated Cross Rolled Steel. Choice of hoe type or adjustable moldboard type scrapers. FRAME AND BEAMS: Heavy duty cast steel. ATTACHMENT: To Fordson Major Diesel's 3-point hitch. APPROXIMATE SHIPPING WEIGHT: 1010 lbs.

FRAME: 4" x 4" x 1/2" angle iron. DISC BLADES: eight or nine, 22" alloy steel double radius blades. WIDTH OF CUT: 4 1/2" or 5" BEARING: ball type in disc gang. BEARING HANGERS: sturdy cast iron. SPACER SPOOL: 5 cast iron. COULTER DISC: 18" notched edge. LUBRICATION: pressure grease fittings. APPROXIMATE SHIPPING WEIGHT: 575 pounds.

BEAMS: Drop Forged Steel. BRACING: Flat steel cross brace. TOOL BAR: High Carbon Angle Steel, heat-treated. HITCH: Triple Quick-Attaching, Middlebuster can be attached or detached in 60 seconds or less. BOTTOMS: Two 14" General Purpose. Can be spaced from 36- to 54-inch centers. APPROXIMATE SHIPPING WEIGHT: 302 pounds.

DESIGN AND CONSTRUCTION: The Taylor Disc Tiller is a four blade vertical disc plow for use with the Ford Tractor. The four 26" discs of high carbon steel are spaced 10" apart; positioned on bearing tube by heavy cast spacers. Sealed, opposed tapered roller bearings working in oil bath, are main disc bearings. Steerable, floatable tail wheel aids control of width of cut. Each disc has hoe type scraper. Tiller is raised and lowered by Ford Tractor Live Action Hydraulic System. APPROXIMATE SHIPPING WEIGHT: 640 pounds.

FRAME: Arc welded structural angle and channel steel. DISC GANGS: front, four 20-inch cutout discs. Rear, five 18-inch cutout discs. BLADES: cross-rolled, high carbon steel. BEARINGS: white iron, PIVOT POINTS: allow rear gangs to be folded over front gangs. CUTTING WIDTHS: 6 1/4 feet and 7 1/2 feet. APPROXIMATE SHIPPING WEIGHT: 730 pounds.

CONSTRUCTION: (Reversible) All Steel Welded Frame. BLADES: Four per gang, specially heat-treated high carbon steel, serrated. BEARINGS: Two per gang, spacing 9". ADJUSTABLE GANGS: Two, Angle adjustable to throw in or out, 6" cut. APPROXIMATE SHIPPING WEIGHT: 600 to 700 pounds. Also available in non-reversible type with 7 1/2" cut.

DESIGN AND CONSTRUCTION: All steel, heavily reinforced, braced, bolted, welded. Triple Quick-Attaching. BEAM: 3/4" carbon steel plate, completely reversible. POINT: 2" wide, 12" long; two sharpened ends; easily removed; quickly reversed. MAXIMUM WORKING DEPTH: Approx. 18". TRANSPORT CLEARANCE: Approx. 9" APPROXIMATE SHIPPING WEIGHT: 100 pounds.

Design, Materials and/or Specifications Are Subject To Change Without Notice and Without Liability Therefor.