HD

Side-Arm Ditchers

THE "ORIGINAL SIDE-ARM" DITCHER

The Hurricane Side-Arm Ditchers were designed to clean and maintain roadside ditches and other ditches that cannot be safely straddled with other ditching equipment. Using a Hurricane Side-Arm Ditcher could literally save you a $1,000/day over using other conventional ditching equipment.

Let us prove it!

Its unique working operation allows ditches containing sod, water, roots and other debris including hard, dry, dirt, to be cleaned, without damage to the machine. The wheel or impeller is ruggedly designed to take the punishment it will receive in roadside ditches. It does, however, have shear bolts if a large immovable object is struck.

HURRICANE DITCHER CO., INC.

Each Hurricane is built with the knowledge, precision, and dedication for a durable, long lasting, low maintenance, dependable, machine. This Side-Arm Ditcher is equipped with a 1000 R.P.M. P.T.O. with 2 shear bolts. It is designed for a cat. III hitch and requires 150-250 h.p. The 42" impeller (digging wheel) contains 2 shear bolts and has 9 hard surfaced paddles for maximum life. The soil is thrown away from the machine, spreading it evenly out in the field up to 65' away.

A round digging wheel allows the operator to remove soil from the bottom of the ditch without disturbing the sides. This procedure reduces erosion by leaving the banks of the ditch sodded.

Operating the Hurricane Side-Arm Ditcher with a 200 h.p. tractor, 1 mile of ditch can be cleaned every hour, removing 10-12 inches of soil from the bottom.

A counter balance is standard on each Hurricane Side-Arm Ditcher. This counter balance works in conjunction with the extension arm to keep the ditcher balanced in all working positions.

The machine can be operated at a distance of 5 feet to 14 feet from the center of the tractor and at a depth of 9 feet to 3 feet, respectively.

Three sets of hydraulic outlets are necessary to operate the machine. One cylinder operates each of the two arms to maintain the desired distance and depth of the ditch. The main arm contains a double 80 roller chain and the extension arm contains a triple 80 roller chain, necessary for speed reduction and machine efficiency. Each arm contains oil for chain lubrication and an idler for chain tension.

A cylinder to control the deflector is standard on each side-arm ditcher. This allows the throw of the soil to be controlled from the tractor cab instead of a manual adjustment. Also available is the deflector extension. This would allow the operator to berm or pile the extracted soil, instead of throwing it.

Also available is an electronic valve that allows the control box to be placed anywhere in the cab. This allows the operator easier control of the ditcher and uses only one hydraulic remote instead of using 3 remotes.

SPECIFICATIONS

The "Original Side-Arm"

P.TO. _____ Series 55, 1000 R.P.M.
Splined with 7/16 shear bolts
1 3/4" - 20 spline or
1 3/8" - 21 spline

Gearbox_____ 3/8" formed material w/double
80 and Triple 80 roller chain,
oil bath, idler tension.

Impeller Wheel_ 42" diameter w/9 hardened
replaceable cutting edges &
paddles.

Hitch _____ Category III quick hitch
adaptable.

Weight _____ Approx. 10,000 lbs.

Reach _____ 5'-14' from center.

Depth _____ 0-9' deep.

Depth of cut ___ 1"-18" per pass.

HP required ___ 150-250 Horsepower.

The "Baby Side-Arm"

P.TO. _____ Series 55, 1000 R.P.M.
Square with 3/8 shear bolts
1 3/4" - 20 spline or
1 3/8" - 21 spline

Gearbox_____ 5/16" material w/double 80
roller chain, oil bath, idler
tension.

Impeller Wheel_ 26" diameter w/5 hardened
replaceable cutting paddles.

Hitch _____ Category II or III quick hitch
adaptable.

Weight _____ Approx. 4,600 lbs.

Reach _____ 5'-10 1/2' from center.

Depth _____ 0-5' deep.

Depth of cut ___ 1"-12" per pass.

HP required ___ 90-150 Horsepower.

Our Side-Arm Ditchers are just a portion of the Hurricane line.
Check out our complete line of equipment.

Hurricane Ditcher Co., Inc.
Manufacturer of quality Ditching, Terracing and Waterway Equipment.