

MATHIS MODEL P-36H
FIRELINE PLOW
SPECIFICATIONS

PLOW LENGTH: 16' 4" OVERALL

PLOW LENGTH: FROM CENTER PULL PIN TO CENTER WHEELS 6' 9"

PLOW WIDTH: 13' WING TO WING

PLOW FRAME: 12" X 4" X 1/2" RECT. TUBING

PLOW CROSSMEMBER: 12" X 4" X 1/2" RECT. TUBING 48" LONG, AXLE SOCKETS
4 1/2" O.D. X 3 5/8" I.D. X 5/16" WALL C.D.S.M. TUBING 18" LONG

PLOW AXLE: 58" LONG 3 1/2" RD. C-1144 ALLOY STUD WITH 12" LONG SPINDLE WELDED AT
90 DEGREE ANGLE TO AXLE

PLOW DRAWBAR COUPLING: P-74 SWIVEL TYPE, 4-POSITION ADJUSTABLE

PLOW DISC: 30" DIA. X 3/8" THICK WITH 1 13/16" ROUND CENTER HOLE LABELLE HIGH
TEST STEEL

PLOW COULTER BLADE: 30" DIA. X 3/8" THICK, (5) 11/16" BOLT HOLE ON 9 1/2 P.C.D.
DOUBLE BEVELED EDGE, HIGH TEST HEAT TREATED STEEL

PLOW MIDDLEBUSTER: 20" WIDE MANGANESE MOLY HEAT TREATED WEAR RESISTING
STEEL. FASTENED TO MIDDLEBUSTER HEEL WITH (4) 5/8" X 3" #3 PLOW BOLTS

PLOW WHEEL HUB: 5 HOLE BUDD TYPE, STEEL FABRICATED, INSIDE CUP 4.4375 O.D.,
INSIDE BEARING BORE 2.625", OUTSIDE CUP 4.125 O.D., OUTSIDE BEARING BORE 2.250"

PLOW WHEELS: 5 HOLE BUDD TYPE HEAVY DUTY 16" DIA. X 11" WIDE, 2-PIECE LOCKRING

PLOW TIRES: AIRPLANE TUBE TYPE SIZE 40 X 14, 20-26 PLY

PLOW DISC BOXES: EXTRA HEAVY DUTY 4 BOLT TO FRAME TYPE BOX, INSIDE LARGE
BEARING BORE 3.25", INSIDE LARGE CUP 5.25" O.D., OUTSIDE SMALL BEARING BORE 2.25",
OUTSIDE SMALL CUP 4.125" O.D., 15" DIA. HUB WITH C-1144 ALLOY STEEL SPINDLE
PRESSED IN HUB AND WELDED

PLOW DISC HUB & SPINDLE: CAST STEEL HUB 15" DIA. WITH C-1144 ALLOY STEEL SPINDLE
MACHINED AND PRESSED INTO HUB AND WELDED

PLOW COULTER BOXES: CAST WITH TAPER ROLLER EQUIPPED WITH GREASE SEAL AND 4
BOLT CAP. EACH BOX BOLTED TO FRAME WITH (4) 5/8" X 2 1/4" CAP SCREWS. INSIDE CUP
3.346" O.D., INSIDE BEARING BORE 1.750", OUTSIDE BEARING BORE 2.250", OUTSIDE CUP
4.125" O.D.

PLOW COULTER HUB & SPINDLE: CAST STEEL FLANGE 15" DIA. WITH C-1144 STEEL SPINDLE
MACHINED, PRESSED AND WELDED WITH REMOVABLE FLANGE FOR REPLACING BLADE.
BLADE AND REMOVABLE FLANGE ARE BOLTED TO SOLID FLANGE WITH (5) 5/8" X 2 1/2" CAP
SCREWS ON 9 1/2" P.C.D. CIRCLE

PLOW WINGS: MOULDBOARD TYPE ROLLED OF 1/2" A-36 STEEL PLATE TO KEEP PLOWED TURF
CUT AND ROLLED OUT IN ORDER TO PREVENT ROLL BACK OF TURF

PLOW HYDRAULIC CYLINDER: ALL WELDED CONSTRUCTION PIN EYE RAM AND CYLINDER
BASE, DOUBLE ACTION 5" DIA. BORE, 2 1/2" DIA. RAM, 24" STROKE

APPROXIMATE SHIPPING WEIGHT: 4700#