

**MATHIS MODEL P-36 SA
6 DISC HYDRAULIC FIRELINE PLOW
SPECIFICATIONS**

PLOW LENGTH: 16' 10" OVERALL

PLOW LENGTH: FROM CENTER PULL PIN TO CENTER WHEELS 8' 5"

PLOW WIDTH: 11' 1" WING TO WING

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

PLOW CROSSMEMBER: 3/4" X 8" REINFORCED STEEL WITH CAST 3 1/2" I.D., (4) 3/4" BOLT, PIVOT BOXES FOR SWING AXLE TO PIVOT

PLOW AXLE: (2) C-1144 ALLOY STEEL ROUND 3 1/2" X 36" LONG WITH EXTENDED WHEEL HUB SPINDLE WELDED TO AXLE AT 90 DEGREE ANGLE

PLOW PIVOT SHAFT: C-1144 ROUND 3 1/2" X 44" LONG, CONNECTED TO AXLE AT PIVOT POINT

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 HOLD ON 9 1/2 P.C.D. DOUBLE BEVELED EDGE, HIGH TEST HEAT TREATED STEEL

PLOW MIDDLEBUSTER: 20" WIDE MANGANESE MOLY HEAT TREATED WEAR RESISTANT STEEL, FASTENED TO MIDDLEBUSTER HEEL WITH (2) 3/4" X 3 3/4", GRADE 8 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, P-8000C, 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 SPINDLE C-1144 ALLOY STEEL 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 ALLOY STEEL SPINDLE MACHINE PRESSED INTO FLANGE AND WELDED. HAS REMOVABLE FLANGE FOR REPLACING BLADE. BLADE AND REMOVABLE FLANGE IS 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: (2) DUAL ALL WELDED CONSTRUCTION PIN EYE RAM AND CYLINDER BASE, DOUBLE ACTION 5" DIA. BORE, 2 ½" DIA. RAM, 16" STROKE

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