

**MATHIS MODEL P-32 R2  
FIRELINE PLOW  
SPECIFICATIONS**

PLOW LENGTH: 12' 0" OVERALL

PLOW LENGTH: CENTER PULL PIN TO CENTER WHEELS 5' 6"

PLOW LENGTH: FRAME 9' 6" LONG 4" X 8" X ½" TUBING

PLOW WIDTH: DISC TO DISC 6'

PLOW CROSSMEMBER: 4" X 8" ½" TUBING 42" LONG WITH TWO SOCKETS  
4 ¼" O.D. X 3 5/8" I.D. X 5/16" WALL C.D.S.M. TUBING 18" LONG

PLOW AXLES: 50" LONG 3 ½" C-1144 ALLOY STEEL WITH 12" LONG SPINDLE WELDED 90  
DEGREE ANGLE TO AXLES

PLOW DRAWBAR COUPLING: SWIVEL TYPE P-74, 3-POSITION ADJUSTABLE

PLOW DISC: (2)30" DIA. X 3/8" THICK 5 ½ CONCAVITY, (2) 28" DIA. X 3/8" THICK 4"  
CONCAVITY LABELLE HEAT TREATED STEEL

PLOW COULTER BLADE: 30" DIA. X 3/8" THICK, (5) 11/16 BOLT HOLE ON 9 ½" 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 (2) ¾" X 3 ¾" BOLTS

PLOW WHEEL HUB: FIVE HOLE BUDD TYPE STEEL FABRICATED, INSIDE CUP 4.4375 O.D.,  
INSIDE BEARING BORE 2.265", OUTSIDE CUP 4.125" O.D., OUTSIDE BEARING BORE 2.250"

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

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

PLOW DISC BOXES: TWO HEAVY DUTY 4 BOLT TO FRAME, TAPER ROLLER BEARING  
EQUIPPED WITH GREASE SEAL. INSIDE CUP 4.625" O.D., INSIDE BEARING BORE 2.815",  
OUTSIDE BEARING 2.250, OUTSIDE CUP 4.125" O.D. TWO STANDARD DUTY 4 BOLT TO  
FRAME WITH BOXES MOUNTED IN REVERSE POSITION. INSIDE CUP 4.4375" O.D., INSIDE  
BEARING BORE 2.625" I.D., OUTSIDE BORE 4.125" O.D., OUTSIDE BORE 2.250 I.D.

PLOW COULTER HUB AND SPINDLE: CAST STEEL FLANGE 15" DIA. WITH C-1144 ALLOY  
STEEL SPINDLE MACHINED AND PRESSED INTO FLANGE AND WELDED. HAS REMOVABLE  
FLANGE FOR REPLACING BLADE. BLADE AND REMOVABLE IS BOLTED TO SOLID FLANGE  
WITH (5) 5/8" X 2 ½" CAP SCREWS ON 9 ½" P.C.D. CIRCLE

PLOW HYDRAULIC CYLINDER: ALL WELDED CONSTRUCTION PIN EYE RAM AND  
CYLINDER BASE DOUBLE ACTION 5" DIA. BORE, 2 ½" DIA. RAM, 16" STROKE

**APPROXIMATE SHIPPING WEIGHT: 3000#**