

# DELTA

# DT300



## HIGH PRODUCTION TRACK MOUNTED CABLE PLOW

### ENGINE

MAKE AND MODEL	PSS 6090 D.I.T.A.
TYPE OF FUEL	NO. 2 DIESEL
NO. OF CYLINDERS	6 CYLINDER INLINE
BORE AND STROKE	4.75" x 6.0"
DISPLACEMENT	9.0 LITERS (549 CU. IN.)
FUEL SUPPLY	DIRECT INJECTION
AIR CLEANER	DRY TYPE, REPLACEABLE DUAL ELEMENTS
OIL FILTER	FULL FLOW, SPIN ON TYPE
LUBRICATION	PRESSURE LUBRICATION
COOLING SYSTEM, HYD.	HEAVY DUTY OIL TO OIL COOLER
HORSEPOWER	225 HP @ 1700 RPM
MAX. TORQUE	831 FT.-LBS. @ 1500 RPM

### Powertrain

AUTOMATIC, DUAL-PATH (HST) DRIVE LOAD-SENSING FEATURE AUTOMATICALLY ADJUST SPEED AND POWER TO MATCH CHANGING LOAD CONDITIONS, EACH INDIVIDUALLY CONTROLLED TRACK IS POWERED BY A VARIABLE-DISPLACEMENT PISTON AND MOTOR COMBINATION, GROUND SPEED IS COMPLETELY VARIABLE TO MATCH PLOWING CONDITIONS. EASY OPERATOR CONTROLLED.

### HYDRAULIC PLOW CONTROL

CONTROL OF THE BOOM AND BLADE ANGLE (ATTITUDE) IS MADE FROM THE OPERATOR'S COMPARTMENT THROUGH A FIVE VALVE CONTROL CLUSTER LOCATED AT THE FINGERTIPS. THE OPERATOR CONTROLS THE PLOW RAISE AND LOWER, RIGHT AND LEFT SWING (OFFSET), SHAKER BOX RIGHT AND LEFT STEER AND BLADE ANGLE (ATTITUDE). THE CONTROL VALVES FOR PLOW SWING AND BLADE ANGLE CAN BE PLACED IN FLOAT POSITION WHICH ALLOWS PRECISE POSITIONING OF BLADE FOR CORRECT CABLE OR PIPE DEPTH IN CONTOURED GROUND. THE CONTROL FOR THE SHAKER BOX IS ALSO LOCATED IN EASY REACH OF THE OPERATOR. THE OPERATOR CAN CONTROL SHAKER SPEED FROM 0 TO 1400 RPM TO MATCH VIBRATORY FREQUENCY TO SOIL CONDITIONS FOR MAXIMUM PRODUCTIVITY.

### STEERING AND BRAKING

HYDRAULICALLY RELEASED, MULTIPLE DISC CLUTCHES AND SELF ENERGIZING BRAKE BAND. HAND OPERATED CONTROLS ARE STANDARD. MECHANICALLY OPERATED PARKING BRAKE LOCKS ONE TRACK. A PARKING BRAKE LEVER, IN CONJUNCTION WITH THE DEPRESSED FOOT PEDAL, ACTIVATES THE BRAKE.

### CYLINDER SPECIFICATION

LIFT	TWO 5"	BORE 2-1/2" RODS
SWING	FOUR 5"	BORE 2-1/2" RODS
STEERING	TWO 5"	BORE 2-1/2" RODS
ATTITUDE CYLINDER	ONE 11"	BORE 5-1/2" ROD

### VIBRATION PLOW

PLOW BLADE SIZE	2" THICK x 14" WIDE T-1
CHUTE SIZE	1-3/4" THROUGH 6" ID
MATERIAL	T-1 STEEL
PLOWING DEPTH	48" THROUGH 90"
OFFSET	56" RIGHT OR LEFT OF CENTER
LIFT	72" SKID LEVEL ABOVE GROUND
BELOW GROUND	39" SKID LEVEL BELOW GROUND

### REEL WINDER

REEL CARRIER IS DESIGNED TO OPERATE WITH SINGLE OR DUAL REELS. REEL SHAFT ROTATE ON BEARINGS FOR MINIMUM CABLE TENTION FROM DRAG.

MAX. LIFT CAPACITY	10,000 LBS.
MAX. REEL WIDTH	51" (EACH DUAL REELS) 89" (SINGLE REEL)
MAX. REEL DIAMETER	96"
REEL SHAFT DIAMETER	2.5"

OPTION: HYDRAULIC POWERED REEL WINDER

THESE UNITS ARE SERVICED BY THE JOHN DEERE DEALER NETWORK AND CARRY A 12-MONTH POWERTRAIN WARRANTY.

FOR LOCAL DEALER PLEASE CONTACT:

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FOR MORE INFORMATION VISIT OUR WEB PAGE AT [WWW.DELTAMP.COM](http://WWW.DELTAMP.COM)