

FOR SALE:

Lovat Inc. – A Caterpillar Company

EPB TBM – Earth Pressure Balance Tunnel Boring Machine

MODEL: M-100 Series 1600 with Articulated Head

PRICE:

MACHINE DATA:

SIZE/DIAMETER – 2.74 METER

CUTTER HEAD RPM : 0-10 VARIABLE CLOCKWISE 7 COUNTER

CLOCKWISE CUTTER HEAD POWERED BY: 1-150 HP

ELECTRIC MOTOR 550 V. 60 HZ 1750 RPM

CUTTER HEAD DRIVEN BY: 2 HYDRAULIC MOTORS = TORQUE

6660 m/kg @ 27,560 kPa

HYDRAULIC PUMPS: 2, PISTON TYPE, VARIABLE

DISPLACEMENT, 34,450 kPa. MAXIMUM WORKING PRESSURE

ROTATION TORQUE: WITH 2 HYDRAULIC MOTORS; 133,211.13

m/kg. @ 27560 kPa MAXIMUM

PROPULSION CYLINDERS: 8 HYDRAULIC CYLINDER/MOTORS

167.64 STROKE

OPERATION THRUST: 907.2 kg. MAXIMUM @ 34,450 kPa

FRONT UNITIZED CONVEYOR: 45.72 cm Wide x 63.5 cm Long

CONVEYOR DRIVEN BY: 2 ea-15 HP HYDRAULIC MOTORS

TOTAL WEIGHT: 42.67 Mg.

ACCESSORIES

0.7 METER WIDE X 7 METER CONVEYOR

TEX-A-DRAULICS PUMP UNIT 7460