



AIR RECEIVER TANK 53 OUTLT. (SUPPLY BY CUSTOMER)
 CUSTOMER IS REQUESTED TO DECIDE THE LOCATION AND
 HEIGHT OF THE 4\"/>

CONNECTION POINT FOR PRIMARY
 AIR FITTING, 1\"/>

3/4\"/>

4\"/>

SPECIFICATIONS

NAME	HORIZONTALLY PARTED FLASHLESS TYPE MOLDING MACHINE
TYPE	FB0-III L (RH-ELECT)
MOLD SIZE	24" x 20" (610 X 508 mm)
H.T.	COPE 5.1" - 7.9" (130-200mm) DRAG 5.1" - 7.9" (130-200mm) (INDEPENDENTLY ADJUSTABLE FROM OPERATORS PANEL)
MOLDING METHOD	TOP BLOW & SQUEEZE
MOLDING SPEED MAXX	30 SEC./MOLD (NOT INCLUDING CORE SETTING) 120 MOLDS/HR
SQUEEZE PRESSURE	142 PSI (98.160 LBS) (10 Kg/cm ²)
DRIVE METHOD	3 PRESSURE SELECTIONS
AIR CONSUMPTION	AIR & HYDRAULIC (25 HP-HYD) <input type="checkbox"/> AIR <input type="checkbox"/> WATER COOLED 42 CFT/PER MOLD (1.2 NM ³ PER MOLD)
WORKING AIR PRESSURE	80 ±6 PSIG (5.6 ±0.4 KG/CM ²)
CONTROL METHOD	PLC
POWER SUPPLY	480 V, 3-PHASE, 60HZ (OPERATION 100V)
MOLD WEIGHT	410 Ibs (186Kg)
PAINTING	MACHINE - MUNSELL N-8 WHITE PANEL - MUNSELL N-8 WHITE
MACHINE WEIGHT	28,800 LBS. (12,973 Kg)
ACCESSORIES	STANDARD SPRUE CUP/SPRUE ROD 430 (1 SET) MASTER PLATE (FOR STD. PATTERN PLATE) (1 SET) SQUEEZE BOARD HEATER (COPE & DRAG) 100V/300W(2 SETS) DRAG MOLD BLOW OFF PATTERN HEATER 100V X 650W PATTERN VIBRATOR PATTERN ADAPTER/MASTER PLATES VARIOUS SPRUE PIN/CUP DIAMETERS AIR OR WATER COOLED HYDRAULIC UNIT FOUNDATION FRAME AIR RECEIVER TANK (53 CU FT) AUTOMATIC CORE SETTER
AVAILABLE OPTIONS	<input checked="" type="checkbox"/> INCLUDED

ITEMS TO BE PREPARED BY CUSTOMER

1. AIR RECEIVER TANK (FOR BLOWING)	53 CU FT. 1" BALL VALVE 3/4" REDUCING 1 SET
2. HYDRAULIC WORKING OIL	(WEAR RESISTANT HYDRAULIC OIL) ISO VG 46, 100 GAL.
3. PATTERN PLATE (REFER TO THE REF. DRAWING)	25mm(20-30) THICK ALUMINUM PLATE 1 SET
4. PRIMARY AIR PIPING	PIPE DIAMETER: 1", 3/4" 1 SET
5. PRIMARY ELECTRIC WIRING AND GROUND WIRE	AC 480V, 60HZ, 18KW AC 120V, 60HZ, (FOR PATTERN HEATER) 1 SET
6. MIXED SAND SUPPLY UNIT	1 SET
7. SERVICE DECK (FOR CORE SETTING)	1 SET
8. FOUNDATION FRAME FOR MOLDING MACHINE SUPPORTING UNIT	1 SET
9. AUXILIARY PLATE (FOR EXISTING PATTERN PLATE)	1 SET (REFER TO THE REFERENCE DWG.)
10. HOIST FOR REPLACING MASTER PLATE	1 SET (FOR APPROX. 440 LBS.)

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NO.	REVISIONS	DATE	BY
3	WAS 700 MM WIDE MOLD CAR	B/98	DJ
2	UPDATED	10/97	TC
1	UPDATED	4/98	DJ



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PROJECT NO.	11-30-95	DESIGN BY	FTC
WORKSHEET		CHECKED BY	
GENERAL ARRANGEMENT & SPECIFICATIONS FB0-III L MOLD MACHINE (RH-ELECT)			
ISSUED	RS	DESIGN REVISION	FB011-00-0011