

DIMENSIONS IN (...) ARE METRIC IN mm.


**SPECIFICATIONS**

NAME	HORIZONTALLY PARTED FLASKLESS TYPE MOLDING MACHINE	
TYPE	FBO-II L (RH EJECT)	
MOLD SIZE	L X W	19" x 14" (483 X 356 mm)
	HT.	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 MAX.	24 SEC./MOLD (NOT INCLUDING CORE SETTING) 150 MOLDS/HR	
SQUEEZE PRESSURE	142 PSI (37,772 LBS) (10Kg/cm <sup>2</sup> )	
DRIVE METHOD	3 PRESSURE SELECTIONS	
AIR CONSUMPTION	AIR & HYDRAULIC (25 HP HYD.)	
WORKING AIR PRESSURE	35 CFPA PER MOLD (1.0 Nm <sup>3</sup> PER MOLD)	
	80 ±6 PSIG = 5.6 ±0.4 KG/CM	
CONTROL METHOD	PLC	
POWER SUPPLY	480 V, 60Hz, 60 AMPS (CONTROLS 120V)	
MOLD WEIGHT	215 lbs (103 Kg)	
PAINTING	MACHINE - MUNSELL N-8 WHITE	
	PANEL - MUNSELL N-8 WHITE	
MACHINE WEIGHT	28,000 Lbs.	
ACCESSORIES	STANDARD SPRUE CUP/SPRUE PIN #25 (1 SET)	
	SQUEEZE BOARD HEATER 120V/375W (1 EACH: COPE/DRAG)	
AVAILABLE OPTIONS	PATTERN HEATER (100V/650W)	(1 SET)
	DRAG MOLD BLOW OFF	(1 SET)
	AIR RECEIVER TANK(35 CU.FT.)	(1 SET)
	MANUAL PATTERN CHANGE DEVICE	(1 SET)

**ITEMS TO BE PREPARED BY CUSTOMER**

1. AIR RECEIVER TANK (FOR BLOWING)	35 CU. FT. RECEIVER, 3/4" BALL VALVE, 4" PIPING FROM RECEIVER TO M. MACH.
2. HYDRAULIC WORKING OIL	ISO VG 46 100 GAL. (WEAR RESISTANT HYDRAULIC OIL)
3. PRIMARY AIR PIPING	PIPE DIAMETER: 1", 3/4" 1 SET
4. PRIMARY ELECTRIC WIRING AND GROUND WIRE	AC 480V, 60Hz, 18kw AC 120V, 60Hz, (FOR PATTERN HEATER) 1 SET
5. MIXED SAND SUPPLY UNIT	1 SET
6. SERVICE DECK (FOR CORE SETTING)	1 SET
7. FOUNDATION FRAME FOR MOLDING MACHINE SUPPORTING UNIT (REFER TO THE REFERENCE DWG.)	1 SET
8. AUXILLARY PLATE (FOR EXISTING PATTERN PLATE)	1 SET

NO.	REVISIONS	DATE	BY
0	ADDED DOOR LOCATION & SIZE	4/99	CL


  
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SCALE	APPROVED BY	CHECKED BY	DRAWN BY
DATE	UPDATE 8/96	MOTOMATSU	DRJ

**GENERAL ARRANGEMENT & SPECIFICATIONS**  
**FBO-II L (19x14) MOLD MACHINE (RH EJECT)**

DRAWING NUMBER: **FBOII-00-001L**