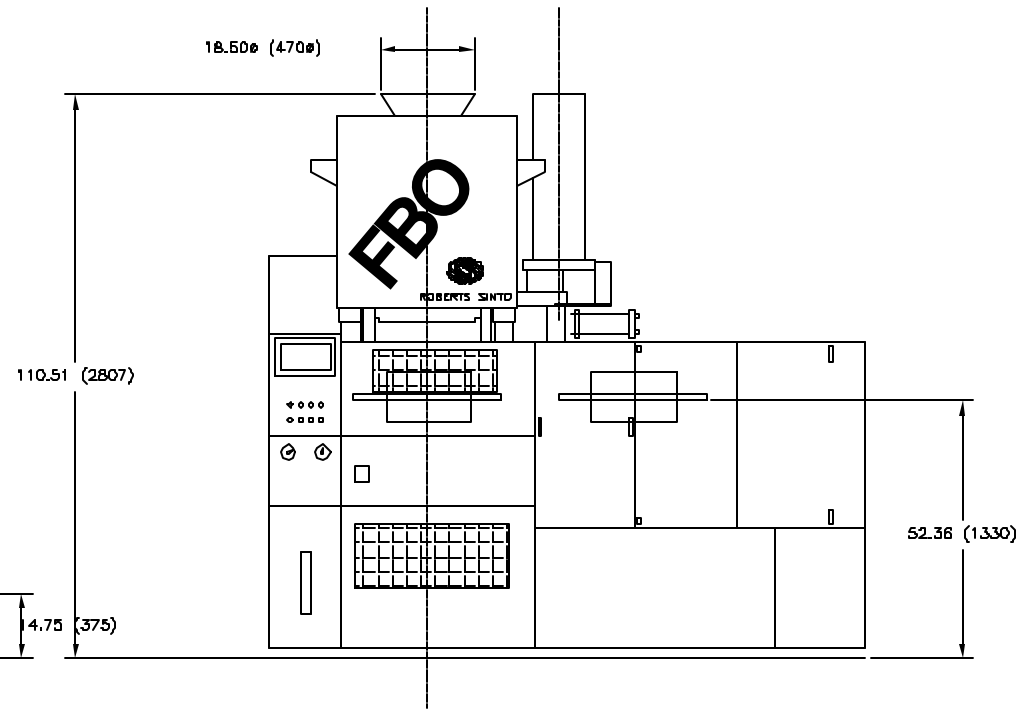
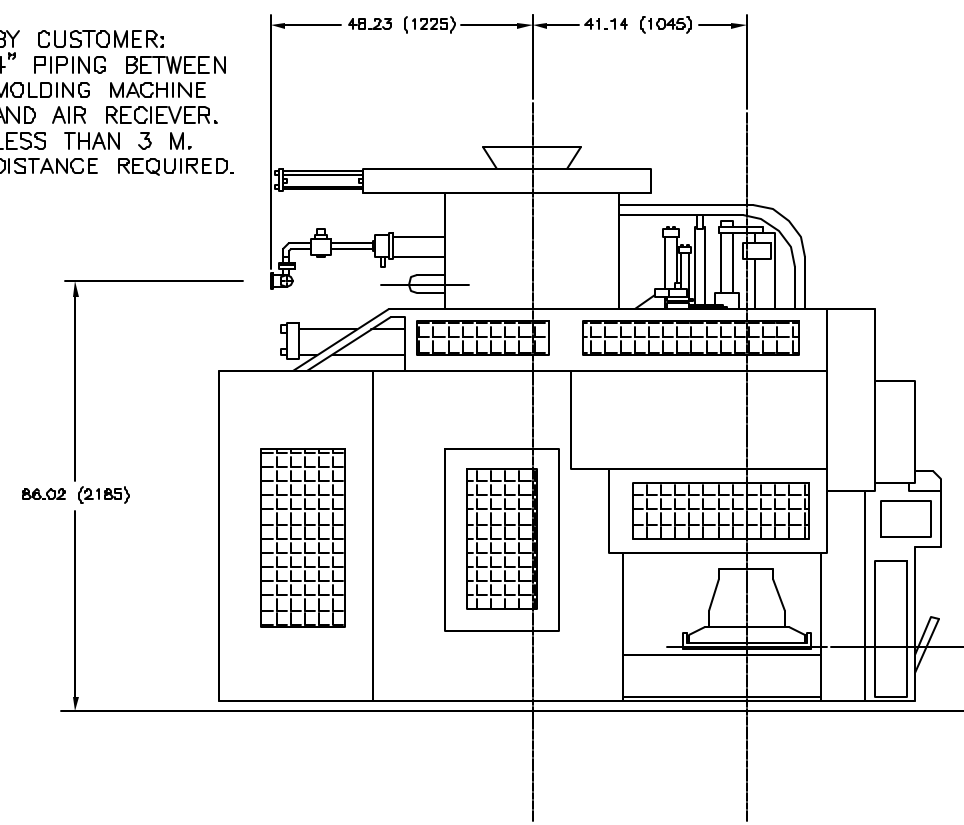


SPECIFICATIONS	
NAME	HORIZONTALLY PARTED FLASKLESS TYPE MOLDING MACHINE
TYPE	FBO-II R (LH EJECT)
MOLD SIZE	L X W 19" x 14" (483 X 356 mm)
	HT. COPE 5.1"- 7.9"(130-200mm) DRAG 5.1"- 7.9"(130-200mm) (INDEPENDENTLY ADJUSTABLE FROM OPERATORS PANEL)
MOLDING METHOD	TOP BLOW & SQUEEZE
MOLDING SPEED MAX.	24 SEC./MOLD (NOT INCLUDING CORE SETTING) 150 MOLDS/HR
SQUEEZE PRESSURE	142 PSI (37,772 LBS) (10Kg/cm <sup>2</sup> )
DRIVE METHOD	AIR & HYDRAULIC (25 HP HYD.)
AIR CONSUMPTION	35 CFM PER MOLD (1.0 Nm <sup>3</sup> PER MOLD)
WORKING AIR PRESSURE	80 ±6 PSIG = 5.6 ±0.4 KG/CM
CONTROL METHOD	PLC
POWER SUPPLY	480 V, 60Hz, 80 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 ROD #25 (1 SET)
	SQUEEZE BOARD HEATER 120V/375W (1 EACH: COPE/DRAG)
AVAILABLE OPTIONS	<input type="checkbox"/> PATTERN HEATER (100V/650W)
	<input type="checkbox"/> DRAG MOLD BLOW OFF
	<input type="checkbox"/> AIR RECEIVER TANK (35 CU.FT.)
	<input checked="" type="checkbox"/> MANUAL PATTERN CHANGE DEVICE
	<input type="checkbox"/> PATTERN VIBRATOR
	<input type="checkbox"/> WATER COOLED HYDRAULIC UNIT
	<input type="checkbox"/> AIR COOLED HYDRAULIC UNIT
	<input type="checkbox"/>

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

BY CUSTOMER:  
4" PIPING BETWEEN MOLDING MACHINE AND AIR RECIEVER. LESS THAN 3 M. DISTANCE REQUIRED.



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

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NO.	ADDED DOOR LOCATION & SIZE REVISIONS	DATE	BY

3001 FIRST MAIN STREET - P.O. BOX 6780  
 LAWRENCE, MISSOURI 64801-7880

DATE	APPROVED BY	CHECKED BY	DESIGN BY
UPDATE 8/99	MOTOMATSU		DRJ

GENERAL ARRANGEMENT & SPECIFICATIONS  
FBO-II R (19x14) MOLD MACHINE (LH EJECT)

DRAWING NUMBER: FBOII-00-001R