

# MULTI-PURPOSE EXTRUSION BLOW MOLDER

## CLAMPING MECHANISM

Hydraulic Clamp, Force (tons)		20
Clamp Speed, Dry Operation (cycles/min)		15
Clamp Open Daylight	max. (in)	35
Clamp Closed Daylight	min. (in)	12
Maximum Mold Dimensions	Length (in)	30
	Width (in)	24
Mold Adjustment	Vertical (in)	6
	Horizontal (in)	6
Mold Fastening		Bolts
Air Operated Stripper, Stroke (in)		8 3/4

## WATER REQUIREMENTS (By Customer)

Machine Water Consumption (@ 60°F (gpm))	approx. 10
Refrigeration for Mold (ton)	approx. 10

## AIR REQUIREMENTS (By Customer)

Compressor (hp)	approx. 7 1/2 - 10
Air Pressure (psil)	approx. 60-150
Air Flow (cfm free air)	approx. 20

## LUBRICATION

Manual Grease System

## SAFETY

Electrical and Hydraulic Safeties on Operator's Gate

Machine Fully Guarded with Electrical Interlocks on Movable Guards

## DIMENSIONS

Length (ft)	18
Width (ft)	8
Height (ft)	9
Approximate Machine weight (lbs)	14,000

## RECIPROCATING SCREW

Melt Capacity (grams) (1)	1700
Plasticizing Capacity (lbs/hr) (2)	360
Screw Diameter (in)	3 1/4
Screw L/D Ratio	20/1
Screw Compression Ratio	3.1/1
Reciprocating Screw	RS
Parison Drop Rate (gr/sect)	500
Maximum Parison Tooling Diameter (in)	10 single-6 double
Feed Hopper Capacity (lbs)	110

## HYDRAULIC SYSTEM

Pump Capacity (gpm)	63
Oil Reservoir Capacity (gal)	120

Cleanable Oil Filter

## ELECTRICAL SYSTEM

<b>Motor</b> -Open Dripproof-220V/440V 60c 3ø	75
Maximum Surge (KVA)	85
RMS (KVA)	75
@ 220v Maximum (amps)	215
RMS (amps)	188
Maximum (amps)	108
@ 440v RMS (amps)	94

### Controls

110v 60c (wired to motor supply)

### Heater Zones (pyrometer controlled) 220v/440v 60c 3ø

Screw Barrel	3
Each Die Head	1
Maximum (amps)	175
@ 220v RMS (amps)	90
Maximum (amps)	90
@ 440v RMS (amps)	45
Heat Load (KVA)	40

- 1 Polyethylene .96 density
- 2 Continuous Screw Rotation (polyethylene .96 density)