

Quality, Performance, Versatility:

- Designed and built in the USA with high-quality standards
- Over three decades of performance and customer satisfaction
- MS-H (Horizontal) Extruder offers a small footprint with great versatility for all extrusion needs
- Max Extruder design reflects advanced process technology
- PLC and PC Control Systems available for complete line control or extruder-only control

MAX
EXTRUDER



Mechanical & Electrical Features:

- Available in 1", 1 1/4", 1 1/2", and 1 3/4" Diameters with 24:1 L/D (Standard) and 30:1 L/D (Optional)
- Base is precision machined with stress-relieved steel, mounting plates for all mounting services, industrial casters, and floor jacks for leveling
- MS-H extruder is offered in Standard 0-600°F operation and also available with high-temperature (600° Plus) and corrosion-resistant applications
- Direct-drive motor sized for a wide range of commonly processed materials
- Cast and cored (water-cooled) feed section with a removable liner for wear resistance and precision pellet feeding (with E-Stop)
- Stainless steel hopper with slide gate, sight glass, dump chute, low-level sensors
- Barrel zones fitted with cast-finned aluminum heaters and separate blowers for each zone
- Stainless-steel hood guards for all applications
- Bimetallic-lined barrel offered with X102 (Standard) and X800 liners (Optional)
- Feed screw designed for your application – general purpose, barrier, and special screw designs offered
- Head flange is offered in a four-bolt flange (Standard) and a single-bolt heated clamp flange
- Control cabinet is mounted on the extruder base with full individual zone control, digital screw speed, digital motor load, speed potentiometer, start/stop push buttons, and E-Stop



Field Service Capabilities:

- Service/support by 18 field-service staffers with over 450-years collective experience in extrusion and blow molding processing, machine building, and repair/retrofit work (all makes and models)

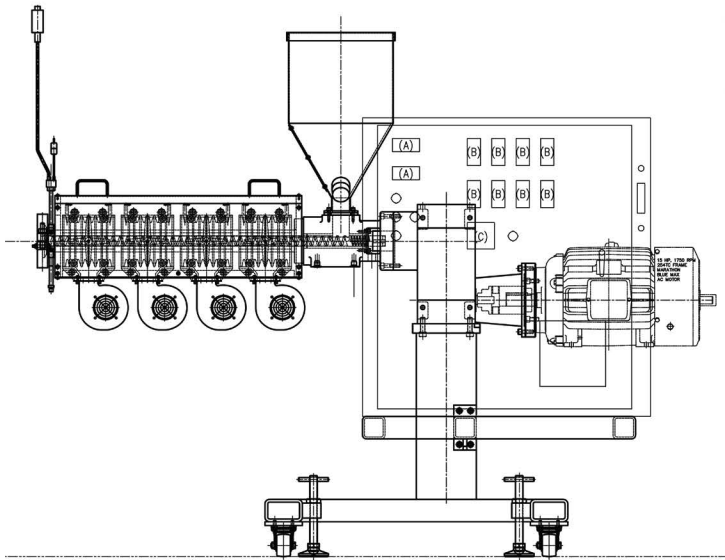
To learn more about the MAX Extruder,
contact R&B Plastics Machinery:
734-429-9421, or FAX: 734-429-1805.



www.rbplasticsmachinery.com

Specifications:

Model	MS-075	MS-10H	MS-125H	MS-15H	MS-175H
L/D Ratio	24:1	24:1	24:1	24:1	24:1
Screw Diameter	3/4" (19 mm)	1" (25 mm)	1 1/4" (30mm)	1 1/2" (40mm)	1 3/4" (45mm)
Standard Drive Size (hp)	3	5	7.5	15	20
AGMA HPE Rating@100 rpm with Unity (1.0) S.F.	6	6	21	33	42
Service Factor	1.25	1.25	2.8	2.8	2.1
Thrust Bearing L-10 Life (hrs.) @5000 psi and 100 Screw rpm	400,000	350,000	200,000	350,000	500,000
Max Internal Pressure	10,000	10,000	10,000	10,000	10,000
Machine Weight (lbs.)	800	800	1,000	1,600	1,700
Barrel Zones	3	3	3	4	4
Barrel Zone Wattage	1,000	1,200	1,600	2,000	2,600
Die/Adapter Zone Wattage	1,700	1,700	1,700	1,700	1,700
Standard Voltage	230/3/60	230/3/60	230/3/60	230/3/60	230/3/60
Custom Designs Available					



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