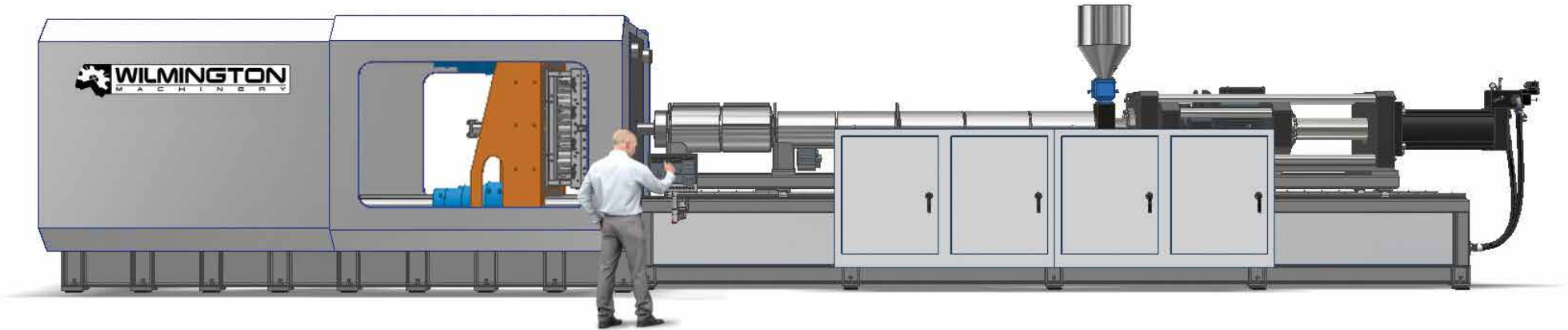


LUMINA MP800R Injection Molding

>Fast >Versatile >Efficient >Low-cost

MACHINERY
THAT FITS

*Shown: LUMINA MP800R with
in-line reciprocating injection unit.*



TWO-PLATEN PRESS

Unique proven “power grip” clamping provides fast press speeds with excellent force distribution. Variable speed press hydraulics provides smooth, precise press motion while minimizing power consumption.

MOLDS

Machine is designed to accept either hot runner or cold runner molds. Hydraulic ejection assures interface with robotics.

TWO-STAGE INJECTION

Superior melting of virgin or up to 100% recycled materials with gas injection into low-medium density thin-wall plastic parts. Intense mixing and fast mold fill produce superior parts at reduced cycle times.

PRODUCTS

The MP800R is a general purpose molding machine ideal for automotive, material handling, toy, industrial and many other mediums – large-size products where quality and cost are imperative.

Features and Advantages

- Large platen (mold) space to tonnage ratio
- 2-stage injection with compounding capabilities
- Hot or cold runner molds
- Hybrid design for energy savings
- Fast cycle times
- Unlimited applications – automotive, electronics, recreational, enclosures, material handling, and more



LUMINA **MP800R** Injection Molding

Specifications

US SPECIFICATIONS – UPDATED AUGUST 2019

Press	US	Metric
Clamp Force	800 tons	725 metric tons
Stripping Force	80 tons	70 metric tons
Tie Bar Clearance	60.6" V x 54.6" H	1539 x 1387 mm
Platen Size	90" V x 84" H x 14" Thick	2286 x 2134 mm
Tie Bar Diameter	7.9"	200 mm
Stroke	72"	1829 mm
Clamp Speed	800 inch/min	340 cm/min
Daylight – Maximum	102"	2591 mm
Moving Platen Mold Carrying Capacity	35,000 lbs	15,000 kg

Injection	US	Metric
Extruder Diameter @ 30:1 L/D	130 mm	130 mm
Extruder Drive	200 Hp	150 kW
Melting Capacity HDPE	1800 lbs/hr	818 kg/hr
Shot Size HDPE	50 lbs	22.7 kg
Injection Pressure	10,000 PSI	690 bar

Dimensions	US	Metric
Machine Length	52 ft	15.9 m
Machine Width	12.5 ft	3.8 m
Machine Height	9.25 ft	2.8 m
Machine Weight	190,000 lbs	86,500 kg

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. OTHER SPECIFICATIONS AVAILABLE ON REQUEST.