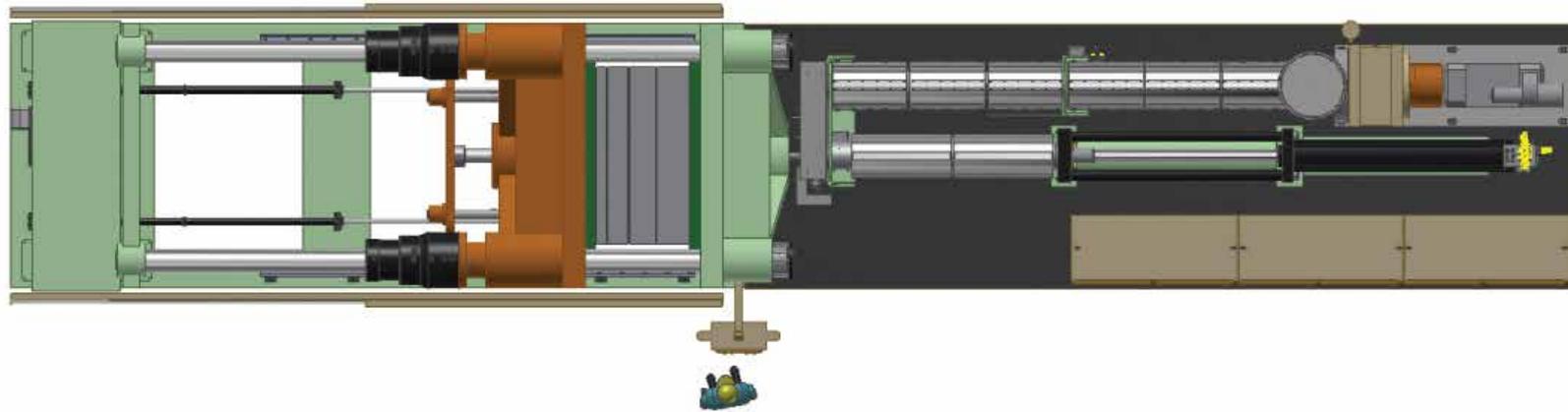


LUMINA MP800 Injection Molding

>Fast >Versatile >Efficient >Low-cost



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 LP800 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.

Specifications

PRESS	US	Metric
Clamp Force (tons)	800	720
Stripping Force (tons)	80	72
Tie Bar Clearance (VxH) (inches/mm)	68 x 68	1727 x 1727
Platen Size (VxH) (inches/mm)	98 x 98	2489 x 2489
Tie Bar Diameter (inches/mm)	7.9	200
Stroke (inches/mm)	108	2743
Clamp Speed (inches/min) (cm/min)	2000	5080
Daylight – Maximum (inches/mm)	120	305
Daylight – Minimum (inches/mm)	12	30.5
Moving Platen Mold Carrying Capacity (lbs/kg)	35,000	16,000

INJECTION	US	Metric
Extruder Diameter (inches/mm) @ 30:1 L/D	6	152
Extruder Drive (Hp/kW)	400	300
Melting Capacity HDPE (lbs/hr) (kg/hr)	2000	900
Shot Size HDPE (lbs/kg)	44	20
Injection Pressure (PSI/bar)	10,000	900
Hydraulic Ejection Stroke (inches/mm)	8	200

DIMENSIONS	US	Metric
Machine Length (feet/m)	47.5	14.5
Machine Width (feet/m)	9.2	2.8
Machine Height (feet/m)	10.3	3.1
Machine Weight (lbs/kg)	185,000	85,000

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



Producer of large-part low-pressure injection molding machinery
for structural foam and gas assist molding since 1972

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