

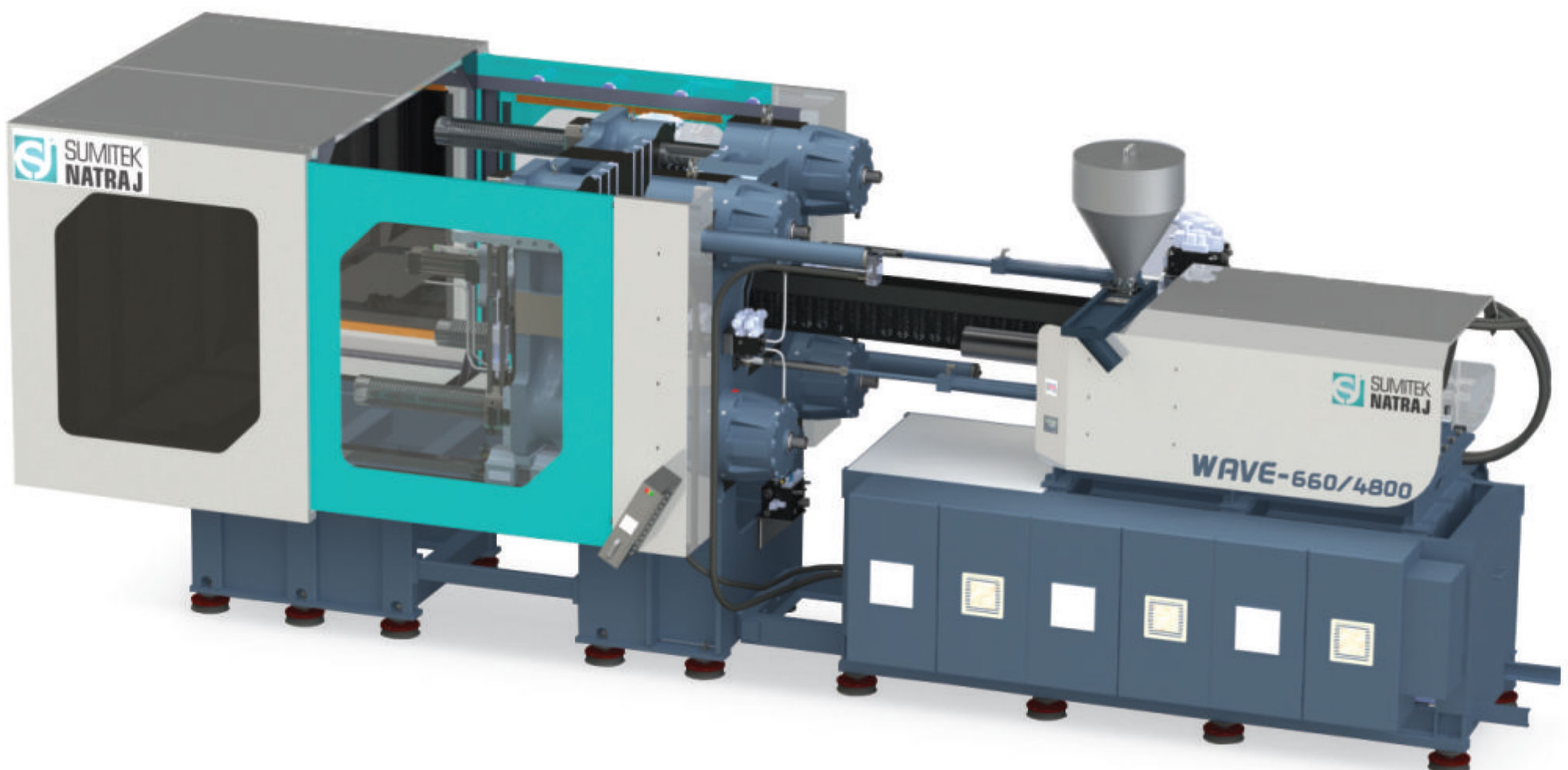
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wave 660 Ton

Two Platen Servo Injection Moulding Machine

We believe that *Excellence* is a journey not a *Destination*



Machine Features

- Platened Jaw Clamping System
- Identical Platen Design For Enhanced Mould Life
- Maximum Technology In Minimum Space
- Free Moving Platen To Adjust Perfect Parallelism
- Separate Cylinder Block For Tonnage Mechanism
- Injection Unit With Lm Guides
- Adequate Anti-vibration Pads for Low Vibration & Noise
- Low Maintenance Cost & Easy Serviceability
- Advanced Control System
- Larger Mould Weight Carrying Capacity
- Robot Interface Up To Input/output (euromap-67)
- Digital Back Pressure
- Hydraulic core pulling & unscrewing

Clamp Unit Features

- Robust, Reliable & Highly Repeatable 2 Platen Mechanism
- Opening & Closing Mould Speed & Force Controlled Through Proportional Valve
- Contactless Transducer For Mould Open/close And Tie-bar Position Measurement
- Auto Mould Height Adjustment
- Tonnage Display on Screen
- Electric & Hydraulic Safety Interlock For Operator Safety
- Adjustable Moving Platen Support
- Electrically Operated Safety Door For Open/close
- Mould Platen With T-slots As Per Euromap Standard
- Larger Mould Platen Area For Bigger Articles Production

Hydraulic Features

- Equal Tonnage For All Tie-bar With Sound Hydraulic Circuit Design and Superior Servo System
- Return Line Oil Filter With Clogging Alarm
- Hydraulic Manifold And Valves Are Closer To Actuators For Fast Response
- Proportional Valve For Mould Open/close Function
- Auto On-off Valve For Heat Exchanger Temperature Balance

Technical Specification

MODEL		660 Ton					
INJECTION UNIT	UNIT	3220			4800		
		A	B	C	A	B	C
INJECTION CAPACITY MAX. (GPPS)	gm	1900	2400	2965	3730	4510	5370
INJECTION PRESSURE	bar	1845	1455	1180	1940	1600	1350
INJECTION RATE	cc/sec	450	550	650	690	835	995
INJECTION SCREW STROKE	mm	400			500		
SCREW DIAMETER	mm	80	90	100	100	110	120
SCREW L / D RATIO	-	24	21.5	22	23	22	22
SCREW SPEED	rpm	150	150	150	160	160	160
NO. OF PYROMETERS (BARREL + NOZZLE)	-	4 + 1			4 + 1		
TOTAL HEAT CAPACITY	kw	40		46	54	57	62

CLAMP UNIT

CLAMP FORCE	ton	660					
CLAMP STROKE	mm	1800					
MAXIMUM DAYLIGHT	mm	2200					
MINIMUM MOULD HEIGHT	mm	400					
MAXIMUM MOULD HEIGHT	mm	1050					
PLATEN SIZE (H x V)	mm	1550 x 1550					
DISTANCE BETWEEN TIE ROD (H x V)	mm	1100 x 1100					
EJECTOR STROKE	mm	250					
EJECTOR FORCE	ton	13.3					
MOULD WEIGHT CAPACITY	kg	12000					

GENERAL

SERVO DRIVE	kw	60			70		
TOTAL OIL TANK CAPACITY	ltr	1500			1500		
CONNECTED LOAD	kw	100	106	124	127	132	
MACHINE DIMENSIONS (L x W x H)	m	9.8 x 2.9 x 3.1			9.8 x 2.9 x 3.1		
MACHINE WEIGHT (APPROX.)	ton	33			34		

Optional Features

- Smart Analytics Of Machines As Per Industry 4.0 Standard
- Bimetallic Barrel & Hardened / Coated Screw
- Hot Runner Temperature Controller