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spar **350 Ton**

Hydro Clamping
Injection Moulding Machine



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



Special Features

- Heavy duty & robust Direct Hydraulic clamping
- Large Mould platen area & daylight for producing large article.
- EN 201 Safety Valve for Clamping Unit Redundant Safety
- Screw for Homogeneous Plasticizing
- Longer Life of Mould with dual Nozzle Cylinder Design
- Under Voltage-Over Voltage Protection
- Digital Back Pressure
- Mould Platen With T-Slots as Per Euromap Standard
- Energy meter with RS485 communication protocol gives high accuracy report on screen
- Temperature Sensor for Feed throat
- Temperature Sensor for Panel Cabinet
- 10.4" High performance controller
- Pre-Heating Circuit for Hydraulic oil
- Hydraulic Core-Pulling and Unscrewing
- S.S. Water Manifold

Technical Specification

MODEL		350 Ton					
INJECTION UNIT	UNIT	1860			2090		
		A	B	C	A	B	C
SHOT WEIGHT (GPPS)	gm	1000	1160	1365	1310	1500	1710
INJECTION PRESSURE	bar	1763	1520	1325	1710	1490	1310
INJECTION RATE	cc/sec	408	473	543	526	603	687
INJECTION STROKE	mm	320			360		
SCREW DIAMETER	mm	65	70	75	70	75	80
SCREW L/D RATIO	-	22	20.5	22	22	20.5	22
SCREW SPEED	rpm	170	170	170	150	150	150
NO. OF PYROMETERS (BARREL + NOZZLE)	-	4 + 1N			4 + 1N		
HEATING CAPACITY	kw	27	27	31	32	32	37

CLAMP UNIT

CLAMPING FORCE	ton	350					
CLAMPING STROKE	mm	1100					
TIE-BAR DISTANCE	mm x mm	720 x 720					
PLATEN SIZE	mm x mm	1065 x 1065					
MIN. MOLD THICKNESS	mm	300					
MAXIMUM DAYLIGHT	mm	1400					
EJECTOR STROKE	mm	200					
EJECTOR FORCE	ton	10.8					
MOLD WEIGHT CAPACITY	kg	4000					

GENERAL

SERVO DRIVE	kw	35			40		
TOTAL CONNECTING LOAD	kw	62	62	66	72	72	77
OIL TANK CAPACITY	ltr	700 + 580			700 + 580		
MACHINE DIMENSION (LXWXH)	mt	8.6 x 2.1 x 2.8			9 x 2.1 x 2.8		
MACHINE WEIGHT	ton	15.8			17		

Optional Features

- Water Flow ON-OFF Valve on Heat Exchanger For Cooling Control
- Hopper Dryer
- Nozzle Shutoff Provision
- Bi-Metallic Screw Barrel
- Sensor for Part Drop Detect (for single cavity)
- Power Saver Heater Jacket
- Eject Retract Confirmation Through Proximity interface
- Plate Type Heat Exchanger
- Eject on Fly