

# VISHAVAKARMA

## LEGEND SERIES

Fully Automatic Direct Drive Machines  
60 to 1000 Ton



- Simple
- Versatile
- Accurate
- Profitable



VISHAVAKARMA HYDRAULIC PRIVATE LIMITED  
DELHI

# LEGEND SERIES

## Fully Automatic Direct Drive Machines

60 to 1000 Ton



Models	Unit	Legend 60	Legend 80	Legend 120	Legend 180	Legend 200	Legend 250	Legend 315	Legend 400	Legend 550	Legend 750	Legend 1000
<b>Injection Units</b>												
Screw Diameter	MM	38	40	45	50	60	65	70	80	90	100	110
Max. Shot Weight (PS)	GMS	85	150	250	425	630	850	1100	2225	3375	5325	7000
Plasticizing Capacity	KG/Hr.	20	25	35	40	50	60	80	100	120	140	160
Injection Stroke	MM	125	170	200	200	265	275	300	350	450	550	700
Injection Pressure	Kg/Cm <sup>2</sup>	1525	1535	1565	1500	1535	1550	1675	1650	1600	1575	1550
Screw Revolution	R.P.M.	210	250	250	225	180	180	150	150	140	125	100
<b>Clamping Units</b>												
Clamping Force	Ton	60	80	120	180	200	250	315	400	550	750	1000
Clamping Stroke	MM	240	300	400	425	475	535	590	650	810	965	1200
Mould Height Min./Max.	MM	150x275	150-350	200-425	250-475	250-500	300-600	350-700	350-750	375-800	450x965	600-1200
Distance between Tiebar ( HxW)	MM	225x325	275x400	325x450	365x495	450x550	475x610	550x650	650x750	700x940	860x1140	1175x1425
Daylight Min./Max.	MM	390x515	450 - 650	600x825	675x900	725x975	835x1135	940x1290	1000x1400	1185x1610	1415x1930	1800x2400
Die Plate (HxW)	MM	425x525	510x620	550x675	610x735	710x810	760x880	940x1050	1015x1115	1075x1350	1395x1675	2000x1800
Ejector Hy/Mech Force	Ton	4	4 - 5	5	7	7	9	11	11.5	12	15	20
<b>Electricals Units</b>												
Pump Motor Power	H.P.	7.5	10	20	25	25	30	30	40	50	40+40	50+50
Heater Load	K.W.	4.8	5.5	6.5	10	12	13	15	15	18	28	40
Elect. Connecting-power	H.P.	14	17.5	29.5	37	40	47	50	60	75	115	150
<b>Hydraulic Units</b>												
Oil Tank Capacity (without oil)	LTR	250	350	420	600	700	800	1000	1000	1200	1400	1800
<b>Instal &amp; Transport Units</b>												
Overall Dimensions ( LxWxH )	FT	14x3.5x6	15x4x6	17.5x5x7	19x5x7.5	21x5.25x7.5	23x5.5x8	26x6x8	28x6.25x8	30x7x8.5	42x8x9.5	52x9x11
Approx. weight (Kg)	TON	3.2	4.5	5.5	6.5	7.5	10	14	18	25	47	72

### LEGEND

#### Standard Features

- Compact power panel.
- Shot counter.
- Time control for recycle.
- Digital display timer & pyrometer.
- Larger opening stroke mould capacity & Tie bar distance to accommodate large moulds.
- Gas nitrated steels screw barrel and cavity.
- Large capacity external oil cooler
- Hard chrome plated and grinded tie bars.
- Manually Centralized lubrication systems.
- Suck back systems after charging.
- Direct hydraulic screw drive.
- Mechanical ejector.
- Cold start screw protection.
- Motorized mould height setting from 315 to 1000
- Optional Features  
Core pulling attachment.
- Hydraulic door safety.
- Motorized mould height setting from 60-250 ton.
- Hopper dryer.
- PLC Micro processor & proportional hydraulics systems.
- Hydraulic ejector.



### VISHAVAKARMA HYDRAULIC PRIVATE LIMITED

(Manufacturers of Plastic Injection Moulding Machines)

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