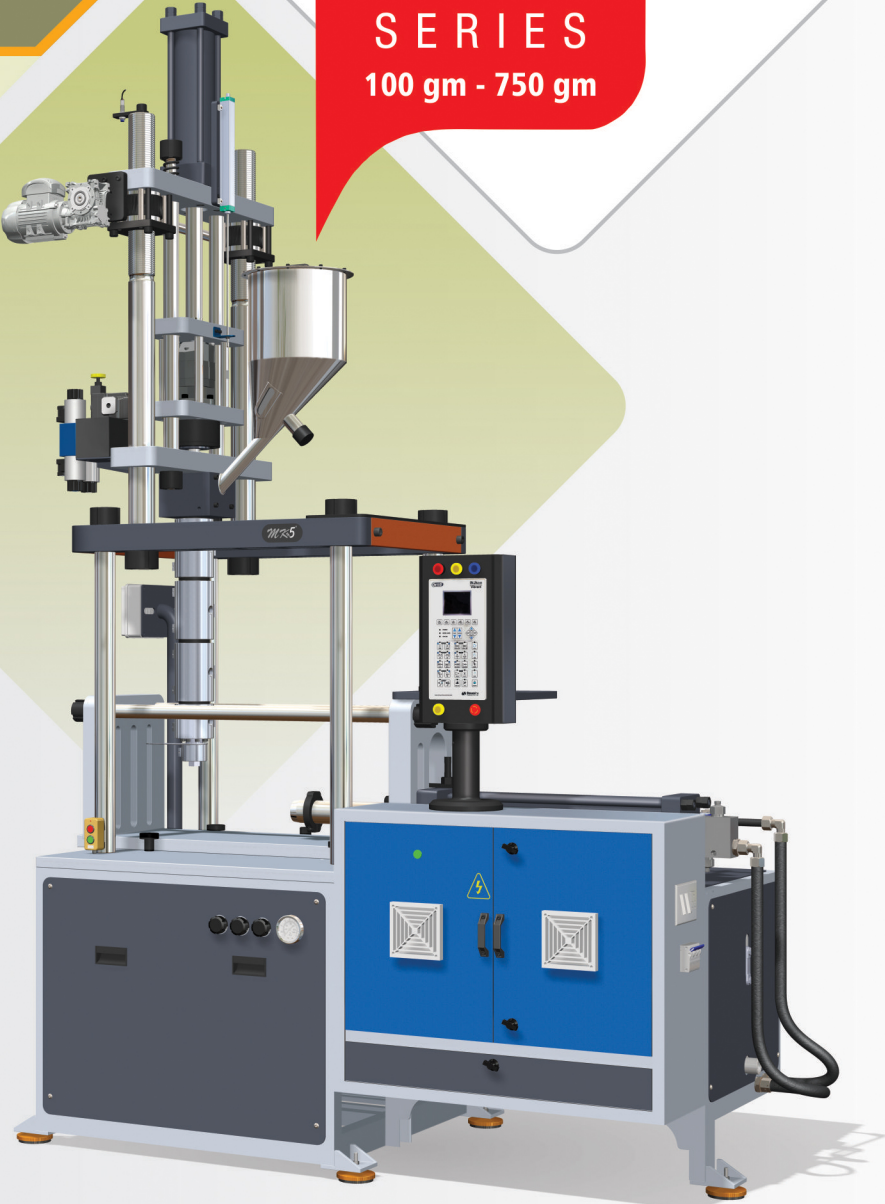




Excellence...
in technology and quality

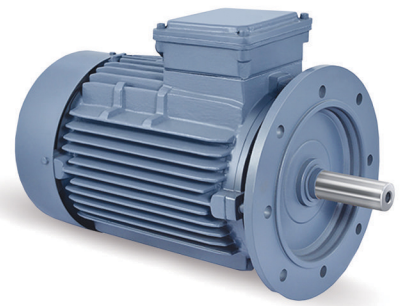
PVS
SERIES
100 gm - 750 gm

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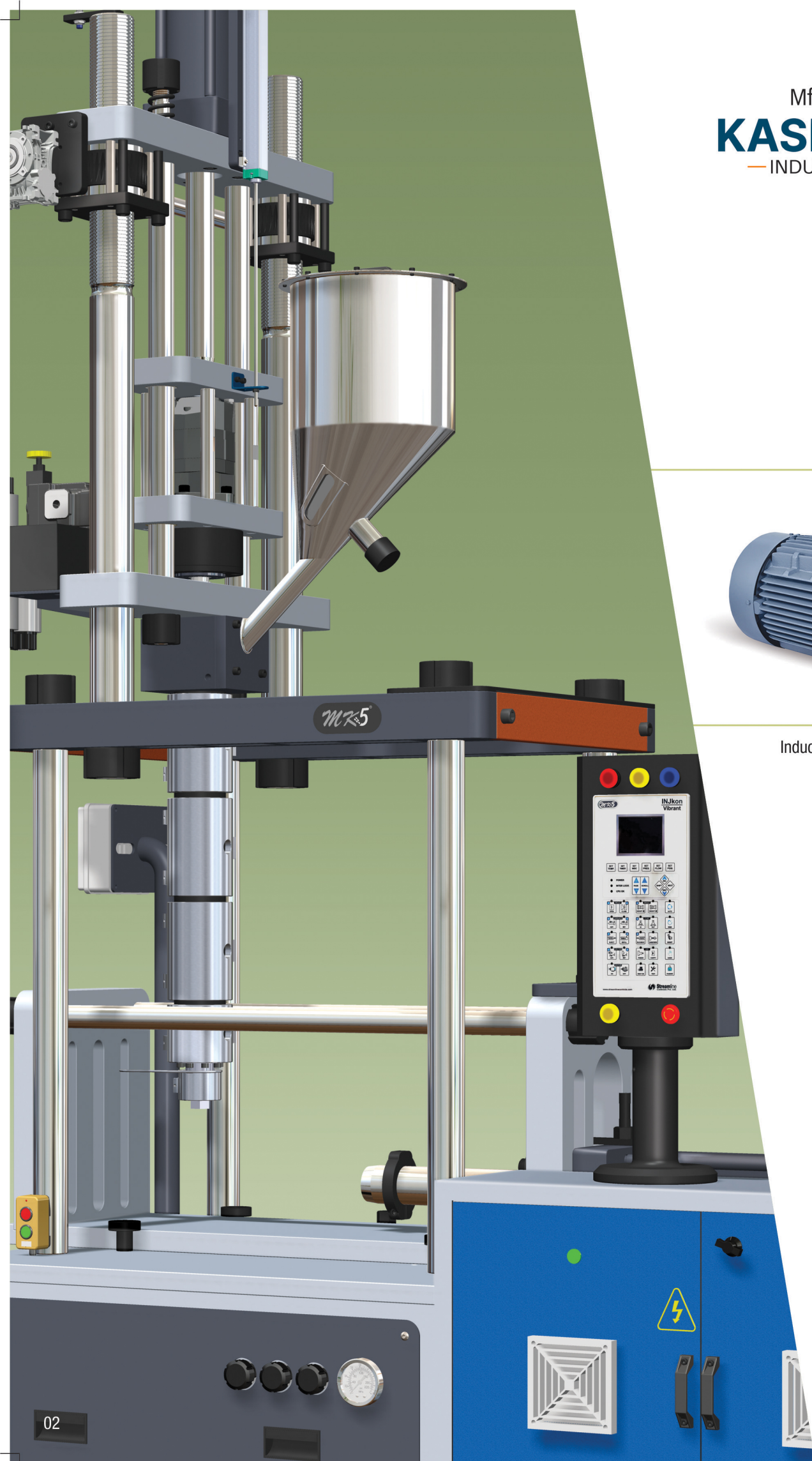


Vertical Semi Auto Plastic Injection Moulding Machine

Mfg. by:
KASHYAP
— INDUSTRIES —



Induction Motor System



MR5

INJkon
Vibrant



SINCE 2005

www.mk5.in



Company Profile

Kashyap Industries entered the Indian market in the year 2005. With our headquarters in Ahmedabad, Gujarat, we have spread our wings since we entered and become a trusted name in the Plastic Injection Moulding Machines industry.

Our state of the art facility is spread over a large area and fully equipped to manufacture a wide range of machines. These machines are sold under our Brand Name 'MK5'. Here we not only manufacture but also design, research and test the machines for various parameters like performance, safety, speed, energy consumptions and so on.

As the leading Plastic Injection Moulding Machine Manufacturer, we source the best materials to build highly efficient plastic moulding machines. Our machines are mainly used in automotive, mechanical, food and beverages, aerospace and other industries. Due to their application, these machines are built to be rugged, robust and durable even when used constantly.

We use the latest technology to operate our machines making them the most energy efficient and fully automatic high speed machines. A dedicated team of engineers and researchers are constantly working to improvise the machines and make them future ready. With optimum performance and unmatched durability, MK5 has created a space for itself in the Indian market. With a fair share of international clients, we envision to change the way how plastic parts are delivered and manufactured. We desire to make our unparalleled quality and pricing available to clients around the world becoming a global brand.



400+
CLIENT BASE



50+
STAFF



20+
PRODUCTS

TECHNICAL SPECIFICATION

INJECTION UNIT		PVS - 100	PVS - 150	PVS - 200	PVS - 300	PVS - 400	PVS - 750
INJECTION WEIGHT (GPPS)	GMS	155	215	281	423	560	1007
THEORETICAL DISPLACEMENT	CC	164	226	295	445	589	1060
SCREW L/D RATIO		18	18	19	19	19	14
SHOT SIZE (THERORETICAL)	MM	170	180	235	280	300	240
SCREW DIAMETER	MM	35	40	40	45	50	75
INJECTION PRESSURE	PSI	1500	1500	1500	1500	1500	2000
SCREW SPEED	RPM	190	190	190	140	140	105
NO.OF PYROMETERS (BARREL+NOZZLE)		4+1	4+1	4+1	4+1	4+1	4+1
TOTAL HEAT CAPACITY	KW	8	8	8	8	8	8.2

CLAMP UNIT		PVS - 100	PVS - 150	PVS - 200	PVS - 300	PVS - 400	PVS - 750
RAM STROKE	MM	430	430	475	700	700	775
CLAMP FORC	PSI	1800	1800	1800	1800	1800	2000
TABLE BETWEEN LENGTH	MM	790	790	910	1050	1050	1140
MAX MOLD HEIGHT	MM	275	275	335	425	425	470
MIN MOLD HEIGHT	MM	100	100	100	100	100	100
EJECTOR STROKE	MM	50	50	50	50	50	50
EJECTOR FORCE	PSI	1500	1500	1500	1500	1500	1500

GENERAL		PVS - 100	PVS - 150	PVS - 200	PVS - 300	PVS - 400	PVS - 750
MAX PUMP PRESSURE	BAR	150	150	150	150	150	150
TOTAL OIL CAPACITY	LTR	170	170	185	200	200	270
ELECTRIC MOTOR	KW	5.6	5.6	5.6	7.5	7.5	9.3
TOTAL CONNECTION LOAD	KW	13.6	13.6	13.6	15.5	15.5	17.5
MACHINE DIMENSION (L X W X H)	IN	83 X 50 X 133	83 X 50 X 133	89 X 50 X 134	99 X 60 X 145	99 X 60 X 150	87 X 56 X 157
MACHINE WEIGHT *	KG	1200	1300	1550	1825	1900	2600

STANDARD SCOPE AND SPECIFICATION

Injection Unit

- One drive cylinder for the screw injection
- Multi-stage injection speed, pressure and position
- Multi-stage holding pressure, time and position
- Controlled transfer position of injection to hold on
- Monitored starting and end injection position
- Suck back pre and post plasticizing
- Self-purging function
- Plasticizing by high torque hydro-motor
- Barrel temperature PID controlled
- Cold start protection

Clamping Unit

- Ram cylinder for mould closing system
- Multi-stage control of pressure, speed, and position of mould open/close & ejection"
- Cooling water manifold for mould cooling
- Hydraulic injector system
- Chrome Plated Ram & Tie Rods
- Mould clamping system in pressure switch with position
- Proportional speed control with 3 closing & 3 opening speed

MZ5[®]

Hydraulic Unit

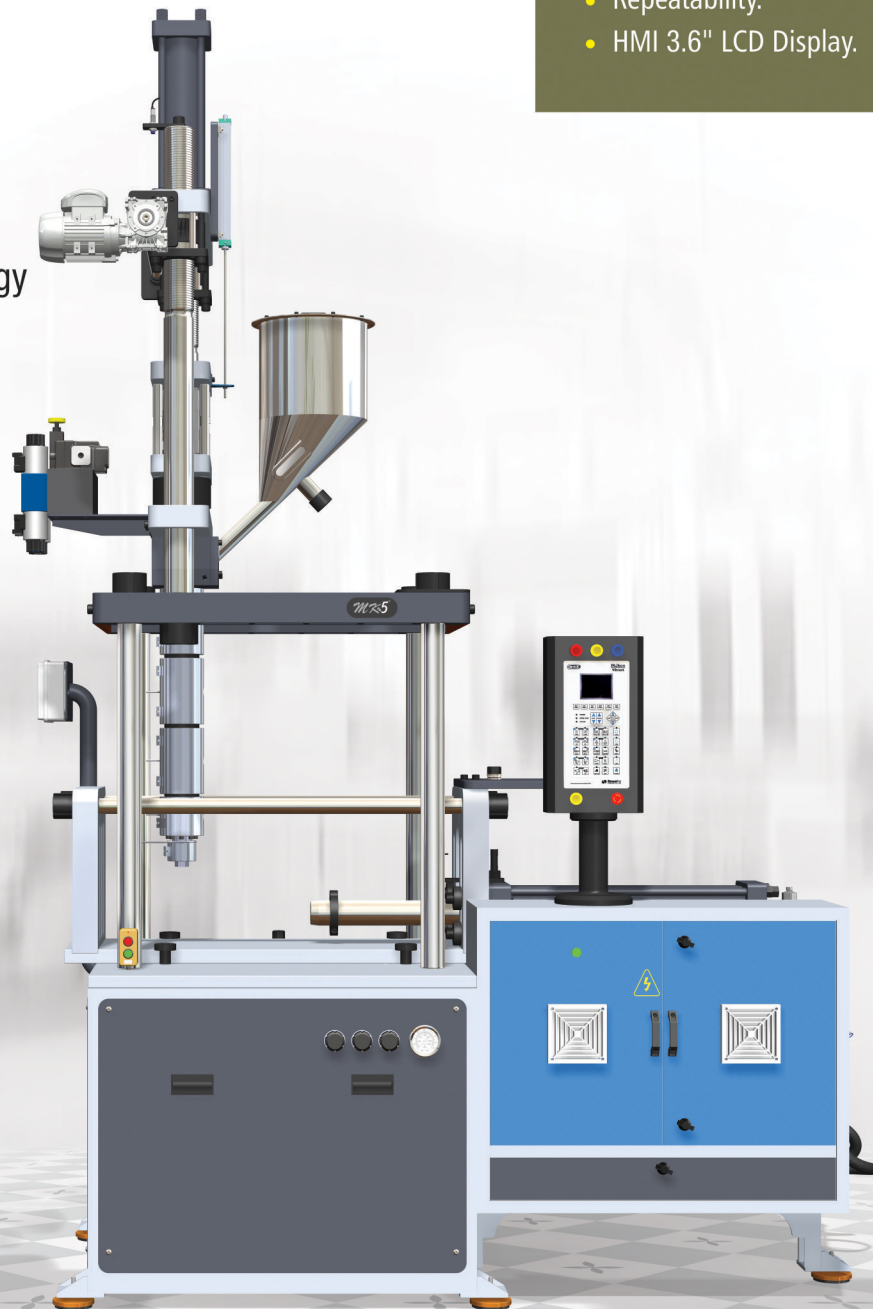
- Efficient electric motor
- Dynamic vane pump
- Oil temperature alarm
- Hydraulic oil cooler
- Hydraulic valve on / off indication with LED
- Continuous oil filtration with 10 micron filter

Controller

- Real-time Information - Understanding the product status or machine via smart phone, tablet and pc
- Data Analysis - Improving the quality and efficiency of production by state record and report analysis
- Authority Management - The use of different levels of management authority
- Chart Analysis - Simple chart analysis
- Language - English are available
- HMI - 3.6" LCD display

Modernization with
Smart Technology

Vertical Semi Auto Plastic Injection Moulding Machine



Features :

- Shot weight Consistency.
- Precision.
- Energy efficiency.
- Reliability of Operation.
- Productivity.
- Repeatability.
- HMI 3.6" LCD Display.



Application




PVS
SERIES
100 gm - 750 gm




Vertical Semi Auto
Plastic Injection Moulding Machine

Mfg. by:

KASHYAP
— INDUSTRIES —

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