

KAMAL ENGINEERING



Create tomorrow together

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COMPANY INTRODUCTION

We Are One Of The Most Established Injection Moulding Machine Manufacturers In India. Having A Large Production Facility In Ahmedabad, We Design And Manufacture Highly Durable And Precision Machines To Ensure The Maximum Satisfaction Of Our Clients. Owing To Years Of Experience And Rich Industry Expertise, We Are Engaged In Offering A Comprehensive Array Of Injection Moulding Machines To Our Clients In India And Worldwide.



Vision

Our Vision Is To Provide Complete Vertical And Horizontal Injection Moulding Machine Solutions And Best In Class Service Experience To Our Customers



Mission

We Are Continuously Setting High Technology And Quality Performance, and Service Support. Our Team Professional Has All The Requisite Expertise Related To Injection Moulding machines.

Safety First | Customer Driven | Best - In - Class Quality

Our Certificates



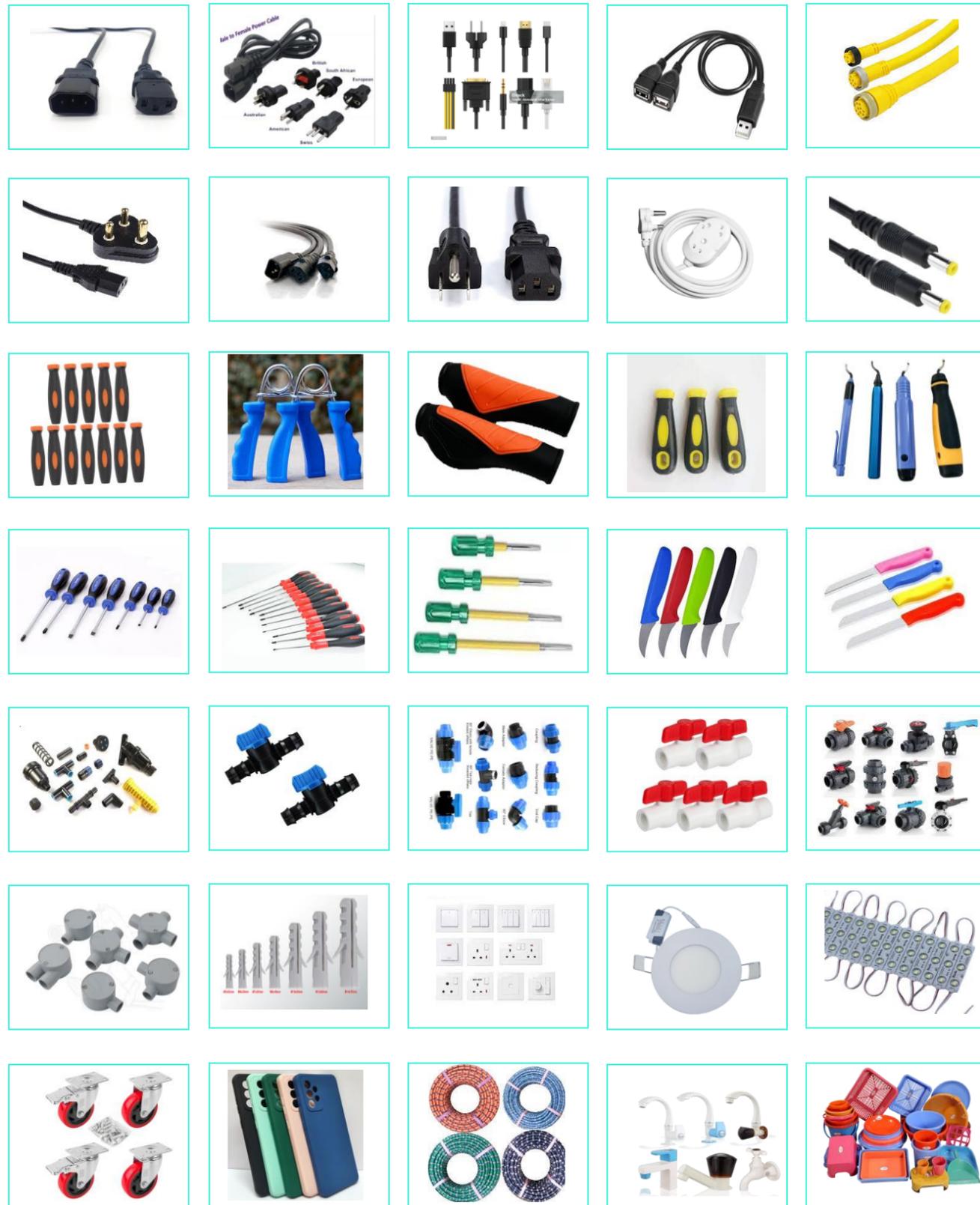
Our company



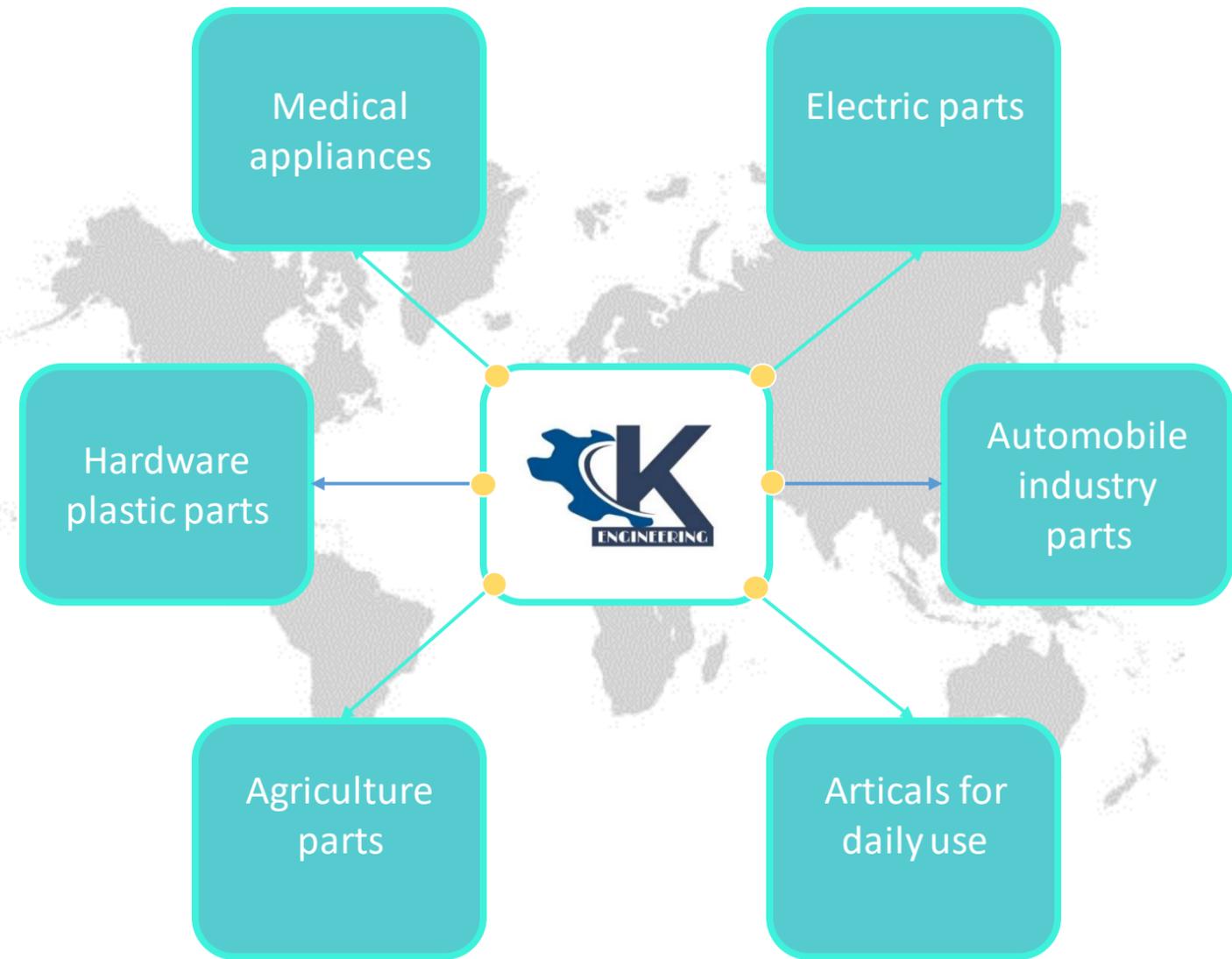
Workshop



Sample display



Application Industry

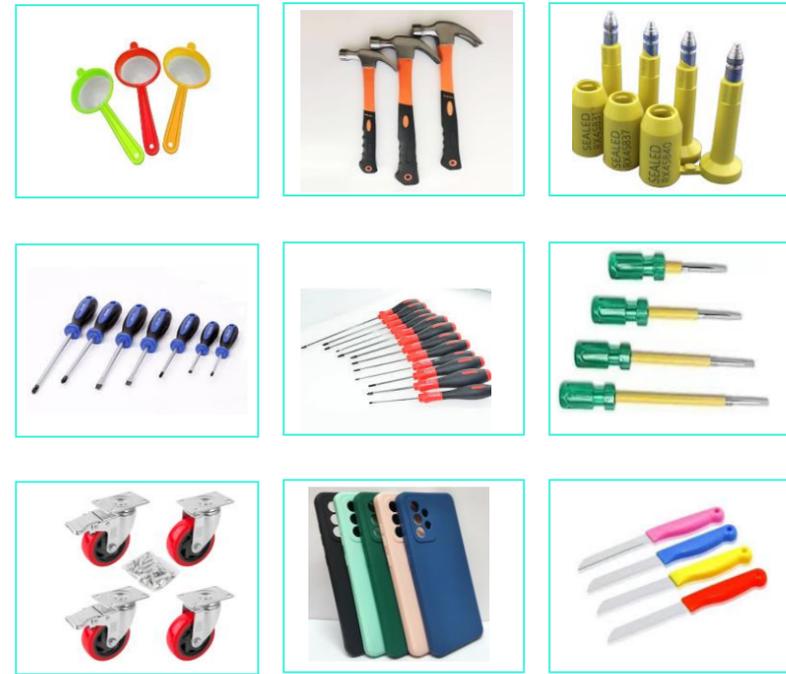


- High energy efficient
- Larger platen area fast cycle time
- Reliable operation
- Economic cost
- Faster response time

Rotary Table Series

PRODUCT FEATURES

- 1.VERTICAL INJECTION ,VERTICAL CLAMPING
- 2.DOUBLE TURNTABLE, SMOOTH ROTATION ,
- 3.MULTI MODE INSERT PROCESSING CAN GREATLY IMPROVE EFFICIENCY AND SAVE MANPOWER
- 4.SAFE PRODUCT AND SAFE MOULD
- 5.THE PROPORTION OF DUAL CONTROL, TH MACHINE RUNNING LOW NOISE, HIGH SPEED LOW PRESSURE
- 6. CLAMPING FORCE 25 TON TO 200 TON
- 7,INJECTION WEIGHT 40 GRAM TO 700 GRAM



Technical Parameters

Item		Unit	KE-35R			KE-45R			KE-60R			KE-80R			KE-100R			KE-120R			KE-160R			KE-200R		
Injection unit	Screw dia.	mm	25	28	30	25	30	35	30	35	40	35	40	45	40	45	50	45	50	55	50	55	60	55	60	65
	Injection pressure	Kg/cm ²	2150	1715	1495	2510	1740	1280	2645	1945	1485	2170	1660	1313	2200	1738	1408	2200	1800	1492	2150	1777	1493	2203	1851	1252
	Injection volume	cm ³	49	62	70	60	85	115	99	135	175	144	188	238	200	254	314	286	353	427	392	475	565	594	707	830
	Injection weight(PS)	g	44	55	62	53	76	101	87	119	155	128	166	210	176	224	277	255	312	377	350	420	500	558	664	780
		oz	1.5	1.9	2.2	1.9	2.7	3.6	3.1	4.2	5.5	4.5	5.9	7.4	6.2	7.9	9.8	8.9	11	13.3	12.2	14.8	17.6	19.7	23.4	27.5
Clamping unit	Injection stroke	mm	100			120			140			150			160			180			200			240		
	Clamping force	tons	35			45			60			80			100			120			160			200		
	Opening force	tons	3.8			4.3			9.2			14			17			20			20			25		
	Rotary table size	mm	700			800			900			1000			1100			1300			1600			1800		
	Tie bar	mm	350*200			390*240			490*330			550*330			590*380			660*500			760*500			1120*455		
	Min.mold thickness	mm	140			160			200			250			250			300			350			400		
	Opening stroke	mm	180			200			200 / 250			250			250			300			350			400		
	Max.opening stroke	mm	320+(50+50)			360+(50+50)			400+(50+50)			500+(50+50)			500+(50+50)			600+(50+50)			700+(50+50)			800		
Ejector unit	Ejector stroke	mm	37/100			37/100			37/100			50/100			50/100			50/100			50/100			100		
	Ejector force	Tons	1.5			1.5			1.5			3			3			5			6			6		
	Ejector Dia.	mm	20			20			20			20			30			25			25			25		
	Ejector pcs.	pcs	1			1			1			1			3			5			5			5		
Hybrid unit	Oil tank volume	liters	160			160			250			280			310			380			480			510		
	Cool water volume	Liters/min	50			50			60			80			80			80			80			80		
	Motor	kw	5.5/10.5			5.5/12.5			7.5/15			11/18.5			22			30			37			47		
	Heating	kw	4.5			5.8			6.6			8.8			11			13			16			17		
	Total wattage	kw	10kw			11.3kw			14.1kw			19.8kw			33kw			43kw			53kw			64kw		
Other	Model	type	Rotary table																							
	Machine size	m	2.15*1.4*2.8			2.3*1.4*3.2			2.7*1.75*3.5			2.8*1.7*3.9			2.74*1.7*3.7			3.1*2.3*4.4			3.4*2.4*4.9			4*3*4.4		
	Machine weight	tons	2			3.2			3.9			4.7			7.5			8.5			11			21		

Standard Series



PRODUCT FEATURES

- 1.VERTICAL INJECTION ,VERTICAL CLAMPING
2. SUITABLE FOR INSERT MOULDING PROCESS
- 3.MULTI MODE INSERT PROCESSING CAN GREATLY IMPROVE EFFICIENCY AND SAVE MANPOWER
- 4.SAFE PRODUCT AND SAFE MOULD
- 5.THE PROPORTION OF DUAL CONTROL, THE MACHINE RUNNING LOW NOISE, HIGH SPEED LOW PRESSURE
6. CLAMPING FORCE 25 TON TO 200 TON
- 7,INJECTION WEIGHT 40 GRAM TO 700 GRAM

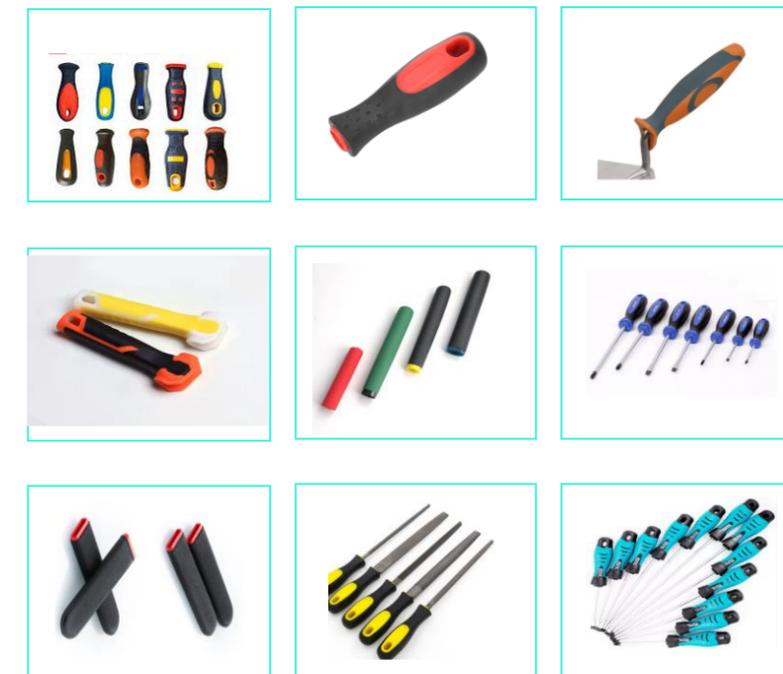
Technical Parameters

Item		Unit	KE-35ST			KE-45ST			KE-60ST			KE-80ST			KE-100ST			KE-120ST			KE-160ST			KE-200ST					
Injection unit	Screw dia.	mm	25	28	30	25	30	35	30	35	40	35	40	45	40	45	50	45	50	55	50	55	60	55	60	65			
	Injection pressure	Kg/cm ²	2150	1715	1495	2510	1740	1280	2645	1945	1485	2170	1660	1313	2200	1738	1408	2200	1800	1492	2150	1777	1493	2203	1851	1252			
	Injection volume	cm ³	49	62	70	60	85	115	99	135	175	144	188	238	200	254	314	286	353	427	392	475	565	594	707	830			
	Injection weight(PS)	g	44	55	62	53	76	101	87	119	155	128	166	210	176	224	277	255	312	377	350	420	500	558	664	780			
		oz	1.5	1.9	2.2	1.9	2.7	3.6	3.1	4.2	5.5	4.5	5.9	7.4	6.2	7.9	9.8	8.9	11	13.3	12.2	14.8	17.6	19.7	23.4	27.5			
Clamping unit	Injection stroke	mm	100			120			140			150			160			180			200			240					
	Clamping force	tons	35			45			60			80			100			120			160			200					
	Opening force	tons	3.8			4.3			9.2			14			17			20			20			25					
	Platen size	mm	480*330			530*380			650*490			750*520			820*600			920*760			1060*800			1730*765					
	Tie bar	mm	350*200			390*240			490*330			550*330			590*380			660*500			760*500			1120*455					
	Min.mold thickness	mm	140			160			200			250			250			300			350			400					
	Opening stroke	mm	180			200			200 / 250			250			250			300			350			400					
	Max.opening stroke	mm	320+(50+50)			360+(50+50)			400+(50+50)			500+(50+50)			500+(50+50)			600+(50+50)			700+(50+50)			800					
Ejector unit	Ejector stroke	mm	37/100			37/100			37/100			50/100			50/100			50/100			50/100			50/100			100		
	Ejector force	Tons	1.5			1.5			1.5			3			3			5			6			6					
	Ejector Dia.	mm	20			20			20			20			30			25			25			25					
	Ejector pcs.	pcs	1			1			1			1			3			5			5			5					
Hybrid unit	Oil tank volume	liters	100			120			165			200			310			350			480			510					
	Cool water volume	Liters/min	50			50			60			80			80			80			80			80					
	Motor	kw	5.5/10.5			5.5/12.5			7.5/15			11/18.5			22			30			37			47					
	Heating	kw	4.5			5.8			6.6			8.8			11			13			16			17					
Other	Total wattage	kw	10kw			11.3kw			14.1kw			19.8kw			33kw			43kw			53kw			64kw					
	Model	type	Standard			Standard			Standard			Standard			Standard			Standard			Standard			Standard					
	Machine size	m	1.76*0.95*2.7			1.9*1.1*3.0			2.2*1.2*3.5			2.1*1.2*3.8			2.3*1.4*3.8			2.6*1.6*4.4			2.9*1.8*4.8								
	Machine weight	tons	1.2			1.5			2.7			2.8			3.7			5.7			7.9			11					

Multi Colours Series

PRODUCT FEATURES

- 1.VERTICAL INJECTION ,VERTICAL CLAMPING
- 2.A MACHINE SUITABLE FOR SINGLE COLOR DOUBLE COLOR MULTI COLOR
- 3.SAFE PRODUCT AND SAFE MOULD
- 4.THE PROPORTION OF DUAL CONTROL, THE MACHINE RUNNING LOW NOISE, HIGH SPEED LOW PRESSURE .
- CLAMPING FORCE 25 TON TO 200 TON
- 7,INJECTION WEIGHT 40 GRAM TO 700 GRAM



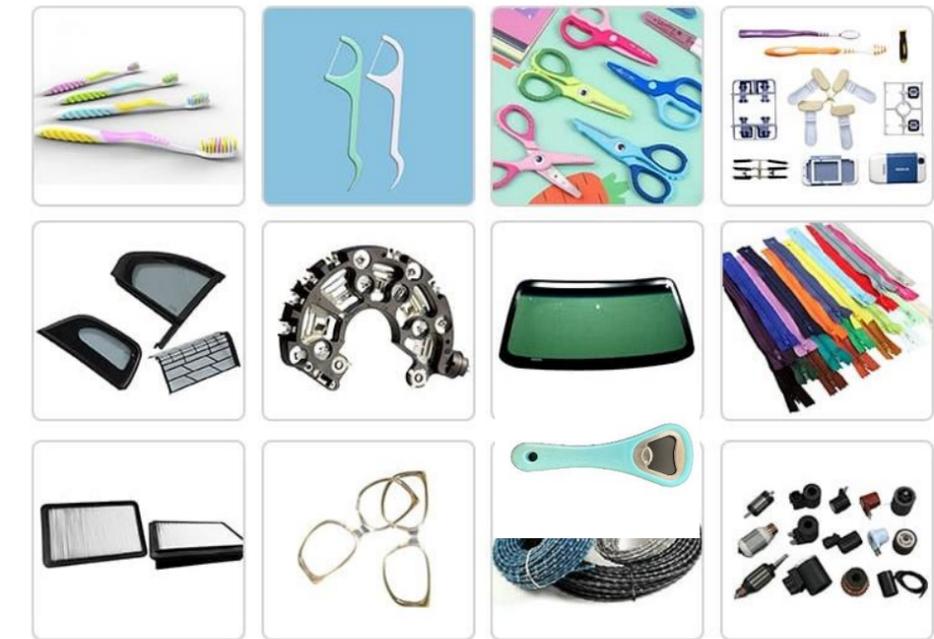
Technical Parameters

Item		Unit	KE-35 2RC			KE-45 2RC			KE-60 2RC			KE-80 2RC			KE-100 2RC			KE-120 2RC			KE-160 2RC			KE-200 2RC		
Injection unit	Screw dia.	mm	25	28	30	25	30	35	30	35	40	35	40	45	40	45	50	45	50	55	50	55	60	55	60	65
	Injection pressure	Kg/cm ²	2150	1715	1495	2510	1740	1280	2645	1945	1485	2170	1660	1313	2200	1738	1408	2200	1800	1492	2150	1777	1493	2203	1851	1252
	Injection volume	cm ³	49	62	70	60	85	115	99	135	175	144	188	238	200	254	314	286	353	427	392	475	565	594	707	830
	Injection weight(PS)	g	44	55	62	53	76	101	87	119	155	128	166	210	176	224	277	255	312	377	350	420	500	558	664	780
		oz	1.5	1.9	2.2	1.9	2.7	3.6	3.1	4.2	5.5	4.5	5.9	7.4	6.2	7.9	9.8	8.9	11	13.3	12.2	14.8	17.6	19.7	23.4	27.5
Clamping unit	Injection stroke	mm	100			120			140			150			160			180			200			240		
	Clamping force	tons	35			45			60			80			100			120			160			200		
	Opening force	tons	3.8			4.3			9.2			14			17			20			20			25		
	Rotary table size	mm	700			800			900			1000			1100			1300			1600			1800		
	Tie bar	mm	350*200			390*240			490*330			550*330			590*380			660*500			760*500			1120*455		
	Min.mold thickness	mm	140			160			200			250			250			300			350			400		
	Opening stroke	mm	180			200			200 / 250			250			250			300			350			400		
	Max.opening stroke	mm	320+(50+50)			360+(50+50)			400+(50+50)			500+(50+50)			500+(50+50)			600+(50+50)			700+(50+50)			800		
Ejector unit	Ejector stroke	mm	37/100			37/100			37/100			50/100			50/100			50/100			50/100			100		
	Ejector force	Tons	1.5			1.5			1.5			3			3			5			6			6		
	Ejector Dia.	mm	20			20			20			20			30			25			25			25		
	Ejector pcs.	pcs	1			1			1			1			3			5			5			5		
Hybrid unit	Oil tank volume	liters	160			160			250			280			310			380			480			510		
	Cool water volume	Liters/min	50			50			60			80			80			80			80			80		
	Motor	kw	5.5/10.5			5.5/12.5			7.5/15			11/18.5			22			30			37			47		
	Heating	kw	4.5			5.8			6.6			8.8			11			13			16			17		
	Total wattage	kw	10kw			11.3kw			14.1kw			19.8kw			33kw			43kw			53kw			64kw		
Other	Model	type	Rotary table																							
	Machine size	m	2.15*1.4*2.8			2.3*1.4*3.2			2.7*1.75*3.5			2.8*1.7*3.9			2.74*1.7*3.7			3.1*2.3*4.4			3.4*2.4*4.9			4*3*4.4		
	Machine weight	tons	2			3.2			3.9			4.7			7.5			8.5			11			21		

S, DS Series

PRODUCT FEATURES

- 1.VERTICAL INJECTION ,VERTICAL CLAMPING
2. SINGLE SILDE , DOUBLE SILDING
- 3.MULTI MODE INSERT PROCESSING CAN GREATLY IMPROVE EFFICIENCY AND SAVE MANPOWER
- 4.SAFE PRODUCT AND SAFE MOULD
- 5.THE PROPORTION OF DUAL CONTROL, THE MACHINE RUNNING LOW NOISE, HIGH SPEED LOW PRESSURE
6. CLAMPING FORCE 25 TON TO 200 TON
- 7,INJECTION WEIGHT 40 GRAM TO 700 GRAM



Item		Unit	KE-35 S,DS			KE-45 S,DS			KE-60S,DS			KE-80S,DS			KE-100 S,DS			KE-120 S,DS			KE-160 S,DS			KE-200 S,DS					
Injection unit	Screw dia.	mm	25	28	30	25	30	35	30	35	40	35	40	45	40	45	50	45	50	55	50	55	60	55	60	65			
	Injection pressure	Kg/cm ²	2150	1715	1495	2510	1740	1280	2645	1945	1485	2170	1660	1313	2200	1738	1408	2200	1800	1492	2150	1777	1493	2203	1851	1252			
	Injection volume	cm ³	49	62	70	60	85	115	99	135	175	144	188	238	200	254	314	286	353	427	392	475	565	594	707	830			
	Injection weight(PS)	g	44	55	62	53	76	101	87	119	155	128	166	210	176	224	277	255	312	377	350	420	500	558	664	780			
		oz	1.5	1.9	2.2	1.9	2.7	3.6	3.1	4.2	5.5	4.5	5.9	7.4	6.2	7.9	9.8	8.9	11	13.3	12.2	14.8	17.6	19.7	23.4	27.5			
Clamping unit	Injection stroke	mm	100			120			140			150			160			180			200			240					
	Clamping force	tons	35			45			60			80			100			120			160			200					
	Opening force	tons	3.8			4.3			9.2			14			17			20			20			25					
	Platen size	mm	480*330			530*380			650*490			750*520			820*600			920*760			1060*800			1730*765					
	Double sliding size	mm	345*700			386*840			485*1000			545*1100			625*1270			620*1500			*****			*****					
	Tie bar	mm	350*200			390*240			490*330			550*330			590*380			660*500			760*500			1120*455					
	Min.mold thickness	mm	140			160			200			250			250			300			350			400					
	Opening stroke	mm	180			200			200 / 250			250			250			300			350			400					
	Max.opening stroke	mm	320+(50+50)			360+(50+50)			400+(50+50)			500+(50+50)			500+(50+50)			600+(50+50)			700+(50+50)			800					
	Position tolerance	mm	±0.02			±0.02			±0.02			±0.02			±0.02			±0.02			±0.02			±0.02					
Ejector unit	Ejector stroke	mm	37/100			37/100			37/100			50/100			50/100			50/100			50/100			50/100			100		
	Ejector force	Tons	1.5			1.5			1.5			3			3			5			6			6					
	Ejector Dia.	mm	20			20			20			20			30			25			25			25					
	Ejector pcs.	pcs	1			1			1			1			3			5			5			5					
Hybrid unit	Oil tank volume	liters	120			150			165			250			280			330			380			550					
	Motor	kw	5.5/10.5 (servo)			5.5/12.5(servo)			7.5/15(servo)			11/18.5(servo)			22			30			37			47					
	Heating	kw	4.5			5.8			6.6			8.8			11			13			16			17					
	Total wattage	kw	10kw			11.3kw			14.1kw			19.8kw			33kw			43kw			53kw			64kw					
Other	Model	type	S,Double sliding																										
	Machine size	m	2.1*1.47*2.8			2.2*1.46*3.1			2.5*1.6*3.6			2.8*1.2*3.9			3.3*1.4*3.9			3.4*1.9*4.5											
	Machine weight	tons	1.6			2			3.5			4			4.7			7						12					

V Toggle Type series

PRODUCT FEATURES

1. VERTICAL INJECTION ,HORIZONTAL CLAMPING
2. SCREW TYPE , V TOGGLE TYPE FULLY AUTO
3. CENTER EJECTOR ,AUTO DROP PRODUCT
IMPROVE EFFICIENCY AND SAVE MANPOWER
4. SAFE PRODUCT AND SAFE MOULD
5. PLC CONTROL, THE MACHINE
RUNNING LOW NOISE, HIGH SPEED LOW PRESSURE



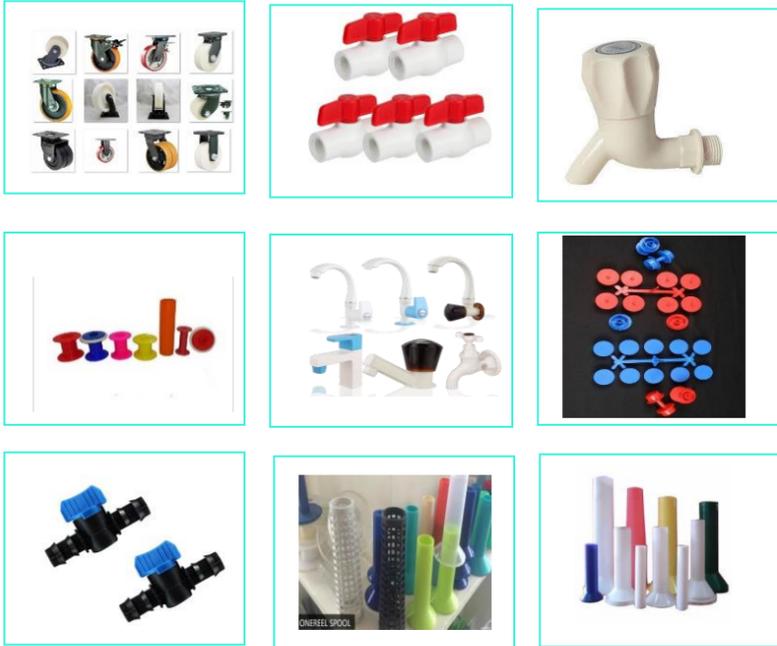
Technical Parameters

Specification	UNIT	KE-60VT	KE-100VT	KE-150VT	KE-200VT	KE-300VT	KE-500VT
Screw Diameter	mm	30	35	40	45	45	55
Injection Pressure	kg/cm2	1700	1600	1500	1500	1500	1400
Theoretical Shot Volume	cm3	71	130	207	251	251	275
Max. Shot Weight	g	50	100	150	200	300	500
Injection Rate	cm3 / sec	57	83	90	114	114	167
Screw Stroke	mm	100	140	170	200	250	350
Screw Speed Max.	rpm	0-250	0-250	0-250	0-250	0-250	0-250
Nozzal Reaction Stroke	mm						
Number Of Temperature		4	4	4	4	4	5
Matrial Hopper Capacity	l	10	10	15	20	20	20
Clamping Force	tons	35	35	50	75	75	90
Opening Force	tons	1.5	2.6	3.1	4	4	6.1
Distance Between Tie Bar	mm	200x200	260x260	310x310	340x340	360x360	400x400
Min. Mould Hight	mm	100	100	100	100	100	125
Opening Stroke	mm	150	180	275	310	310	400
Max. Open Daylight	mm	420	460	590	680	680	900
Ejector Force	tons	1.3	1.3	1.3	2	2	2
Ejector Stroke	mm	50	70	70	70	70	70
Slide Stroke	mm	120	150	150	150	200	250
Max. Hydraulic Pressure	kg/cm2	120	120	120	120	120	120
Pump Output	litter/min	20	26	26	40	40	60
Oil Capacity	liter	100	120	120	150	150	200
Pump Motor	kw	2.2	3.5	3.5	5.5	5.5	10
Barrel Heating Power	kw	3.2	4.1	4.1	4.1	6	6.5
Total Wattage	kw	5.4	7.6	7.6	9.6	11.5	16.5
Machine Weight Approx	tons	0.7	0.9	1	1.5	1.5	2.5
Machine Size Approx	m	1.8x1x2.48	2.1x1.1x2.8	2.2x1.2x3	2.2x1.3x3.1	2.4x1.2x3.4	2.7x1.5x3.4

RAM Type series

PRODUCT FEATURES

- 1. VERTICAL INJECTION , HORIZONTAL CLAMPING
- 2. SCREW TYPE , RAM TYPE SEMI AUTO
- 3. DIRECT HYDRAULIC CYLINDER TYPE
- 4. SAFE PRODUCT AND SAFE MOULD
- 5. PLC CONTROL, THE MACHINE RUNNING LOW NOISE, HIGH SPEED LOW PRESSURE



Technical Parameters

Specification	UNIT	KE-60R	KE-100R	KE-150R	KE-200R	KE-300R	KE-500R
Screw Diameter	mm	30	35	40	45	45	55
Injection Pressure	kg/cm2	1700	1600	1500	1500	1500	1400
Theoretical Shot Volume	cm3	71	130	207	251	251	275
Max. Shot Weight	g	50	100	150	200	300	500
Injection Rate	cm3 / sec	57	83	90	114	114	167
Screw Stroke	mm	100	140	170	200	250	350
Screw Speed Max.	rpm	0-250	0-250	0-250	0-250	0-250	0-250
Nozzal Reaction Stroke	mm						
Number Of Temperature		4	4	4	4	4	5
Matrial Hopper Capacity	l	10	10	15	20	20	20
Clamping Force	tons	8	15	20	25	25	35
Opening Force	tons	1.5	2.6	3.1	4	4	6.1
Distance Between Tie Bar	mm	200x200	260x260	310x310	340x340	360x360	400x400
Min. Mould Hight	mm	100	100	100	100	100	125
Opening Stroke	mm	340	395	450	490	500	630
Max. Open Daylight	mm	440	505	605	675	700	835
Ejector Force	tons	1.3	1.3	1.3	2	2	2
Ejector Stroke	mm	50	70	70	70	70	70
Slide Stroke	mm	120	150	150	150	200	250
Max. Hydraulic Pressure	kg/cm2	120	120	120	120	120	120
Pump Output	litter/min	20	26	26	40	40	60
Oil Capacity	liter	100	120	120	150	150	200
Pump Motor	kw	2.2	3.5	3.5	5.5	5.5	10
Barrel Heating Power	kw	3.2	4.1	4.1	4.1	6	6.5
Total Wattage	kw	5.4	7.6	7.6	9.6	11.5	16.5
Machine Weight Approx	tons	0.7	0.9	1	1.5	1.5	2.5
Machine Size Approx	m	1.8x1x2.48	2.1x1.1x2.8	2.2x1.2x3	2.2x1.3x3.1	2.4x1.2x3.4	2.7x1.5x3.4

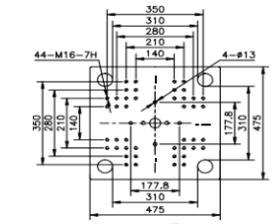
PRODUCT FEATURES

- 1.VERTICAL INJECTION ,VERTICAL CLAMPING
- 2.DOUBLE TURNTABLE, SMOOTH ROTATION ,
- 3.MULTI MODE INSERT PROCESSING CAN GREATLY IMPROVE EFFICIENCY AND SAVE MANPOWER
- 4.SAFE PRODUCT AND SAFE MOULD
- 5.THE PROPORTION OF DUAL CONTROL, TH MACHINE RUNNING LOW NOISE, HIGH SPEED LOW PRESSURE

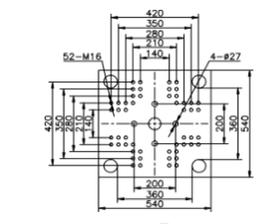


Technical Parameters

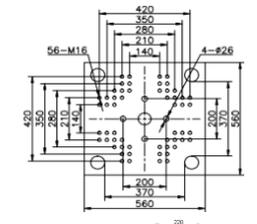
		KE-70			KE-90			KE-100			KE-140			KE-170			KE-238			
INJECTION UNIT	Screw Diameter	MM	25	30	35	30	35	38	30	35	40	38	42	45	42	45	50	45	50	55
	Screw L/D Ratio	L/D	24	21	19	22	20	19	22	20	19	22	20	18.5	22	20	18.5	22	20	18.5
	Theoretical Shot Volume	CM ³	64	92	125	113	154	201	120	163	214	195	238	274	312	358	442	365	451	546
	Shot Weight (PS)	g	56	80	109	103	140	183	109	149	194	178	217	249	284	326	402	332	410	496
	Injection Pressure	Mpa	275	191	140	264	194	148	264	194	148	200	163	143	203	117	143	207	177	143
	Injection Stroke	mm	130			160			170			172			225			230		
	Max. Screw Speed	rpm	224			215			215			225			225			210		
CLAMPING UNIT	Clamping Force	kn	780			980			1180			1400			1700			2380		
	Opening stroke	mm	280			320			345			390			435			470		
	Tie-bar Diameter	mm	55			60			65			75			80			90		
	Distance between Tie- Bars	mm	320x320			360x360			370x370			420x420			470x470			530x530		
	Max. Mold Height	mm	330			350			380			460			530			550		
	Min. Mold Height	mm	100			150			150			160			180			200		
	Ejector Stroke	mm	82			90			100			120			125			135		
	Ejector Force	kn	31			30			33			46			46			62		



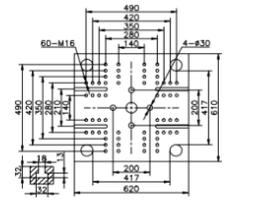
KE-70



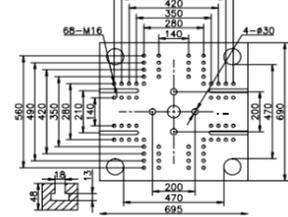
KE-90



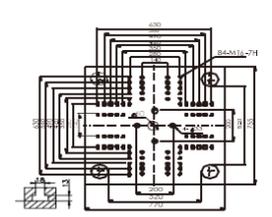
KE-100



KE-140



KE-170



KE-238

OPTIONAL AUXILIARY EQUIPMENTS

ALL TYPE PLASTIC MOULD

- PLASTIC ENGINEERING COMPONENTS MOULD
- PLASTIC SURGICAL COMPONENTS MOULD
- PLASTIC HOUSEHOLD COMPONENTS MOULD
- PLASTIC AGRICULTURE COMPONENTS MOULD
- ALL TYPE VERTICAL, AND HORIZONTAL SUITABLE MAKING
- MOULD, BEST QUALITY AND EASY WORKING BEST PRODUCTIVITY

INJECTION PLASTIC MOULD

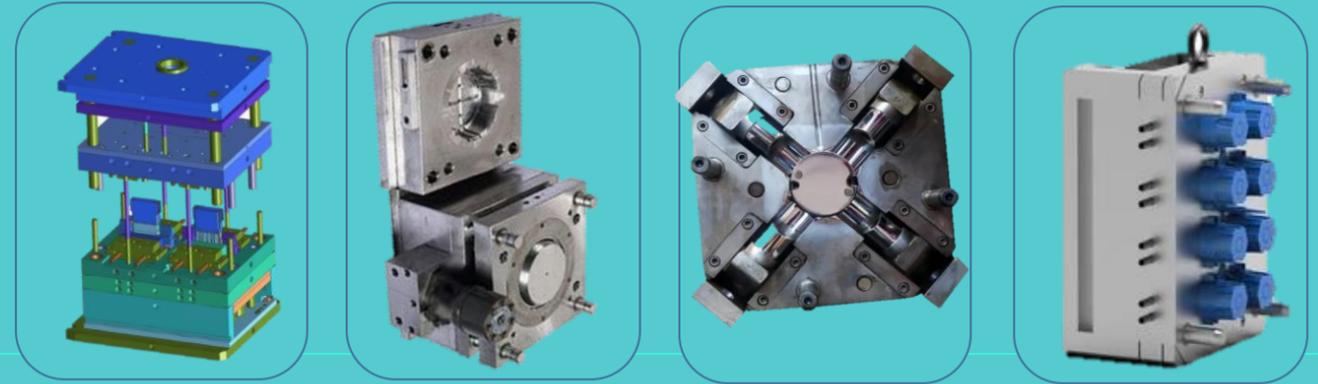


CHILLER MACHINE

HOPPER DRYER

CRUSHING MACHINE

WATER COOLING TOWER



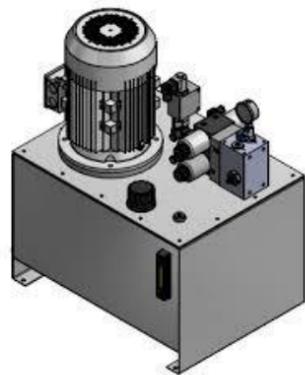
SAFETY SENSORS



LINEAR SCALE



PISTON MOTOR



VDP,PUMP



PLC

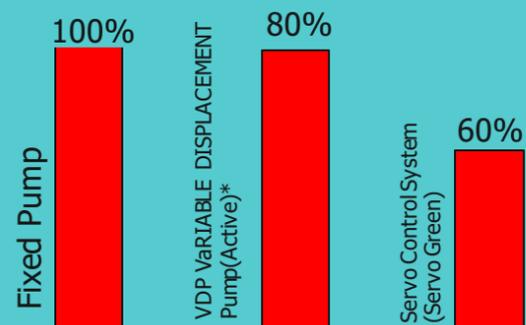


SERVO MOTOR

Hydraulics System

- Energy Efficient Variable Displacement Pump And Servo Control System.
- Digital Oil Temperature Gauge.direct Reading Hydraulic Pressure.
- Compact, Easily Accessible Injection And Clamping Valves To Minimize The Heat Generation.
- Contamination Free Oil Tank With Feeler Cum-breather.
- Return Line Filter As Standard Accessories.
- Alarm Shut Down For Low Lubrication Oil Level
- Provides High Safety As Main Motor Shuts Down On Opening Rear Gate.
- Hydraulic Directional Valve On/off Indicator Connector.

POWER CONSUMPTION



MATERIAL	DENSITY gm/cc	PROCESSING TEMPERATURE C	CLARITY T/D /C	TENSILE STRENGTH AT YIELD kg?CM	ELDNATION AT BREAK %	SOFTENING TEMPERATURE VICAT 0C	HEAT DEFLECTION 0C AT 66 PSI
LDPE	0.92	160 -210	TRANSLUCENT	95	200	85	50
LLDPE	0.92	180-260	TRANSLUCENT	100	100	80	45
HDPE	0.96	190-280	TRANSLUCENT OPAQUE	250	500	126	75
PP COPOLYMER	0.90	190-300	TRANSLUCENT CLEAR	290	500	150	90
PP HOMOPOLYMER	0.90	190-300	TRANSLUCENT	310	200	152	96
PS (GPPS)	1.05	180-220	CLEAR	420	5	102	85
HIPS	1.05	180-220	TRANSLUCENT OPAQUE	275	45	88	83
ABS	1.05	210-270	OPAQUE	440	20	95	86
SAN	1.04	220-270	CLEAR	650	4	107	95
POLYCARBONATE (PC)	1.2	260-310	CLEAR	680	150	150	144
NYLON -6	1.13	240-270	TRANSLUCENT OPAQUE	740	40	215	165
NYLON -66	1.13	270-300	TRANSLUCENT OPAQUE	1240	300	245	238
RPVC	1.45	150-210	CLEAR	440	20	100	76
ACRYLICS	1.19	200-260	CLEAR	700	3	89	90
PBT	1.31	220-260	OPAQUE	530	300	172	155
POLYURETHENE	1.20	185-240	CLEAR	520	510	116	74
ACETAL	1.41	180-240	OPAQUE	700	55	104	172
TPE	1.2	180-240	OPAQUE	310	375	200	111
PET	1.38	260-310	CLEAR	880	70	110	85

