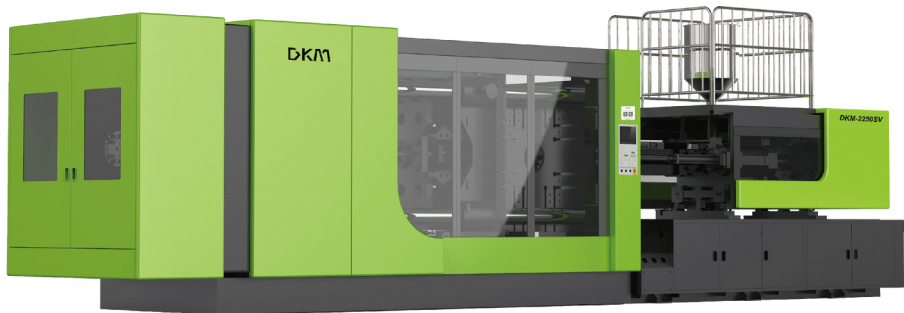


Servo Energy Saving Injection Molding Machine

DKM use high-performance servo dynamic control system, as the power source the oil pump, have the characteristics high speed response, energy saving, low noise, high-control precision, and a breakthrough in the perfect connection of the electrical servo and hydraulic drive system.

DKM-80SV——DKM-4000SV SERVO ENERGY SAVING MACHINE

Suitable for industrial containers and pallets, chairs and tables, home appliances, automotive parts etc. DKM can offer customized machine according to customer's special requirements.



Environmental Protection High Energy Saving

■ High energy saving

Under normal operating conditions, compared with conventional hydraulic injection molding machines, 20-80% energy can be reduced.

■ Molding stability

Compared with conventional injection molding machines, repeat-ability is greatly improved due to servo motor closed-loop control.

■ Quick response

Featuring a dynamic servo motor with a response time of only 0.05sec.

■ Quiet operation

The machine runs at a much lower noise level, particularly in low speed applications.

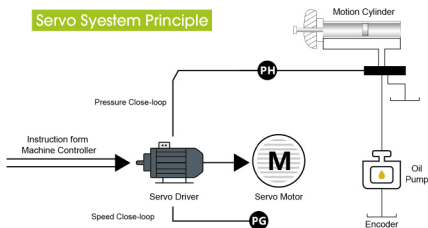
■ Reliable holding pressure

Compared with traditional hydraulic machine the holding pressure is more stable and the dwell time has been much extended.

■ Better oil temperature stability

The servo system only delivers hydraulic oil as it is needed for various functions, which prevents unnecessary generation of heat and substantially reduces oil cooling requirements.

Servo System Principle



Servo System

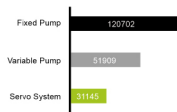
- High performance energy saving to reduce cost.
- Not only save energy, but also realize the precise speed and pressure control.
- High efficiency, lower oil temperature, making oil tank much smaller and the service life of hydraulic oil and elements much longer.



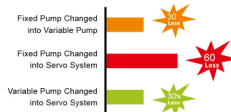
Energy Consumption Compare between Electro Hydraulic Servo System and Traditional Flow and Pressure System

There are comparison diagrams of power consumption and energy saving between fixed pump, variable pump and servo system, based on the same power.

ONE-YAER ELECTRICITY COST



ONE-YAER COST SAVED FORM LESS POWER CONSUMPTION



■ High efficiency

DKM servo electro-hydraulic system adopts the design of motor with less space and small rotation inertia, combined with the most advanced high-speed DPS operation device, to realize the vector control strategy of magnetic field orientation.

■ Precision

We take the high-precision rotary transformer which reach 4096 pulse/ras the feedback element of motor rotate speed (flow) and take the inaccuracy of rotate speed control within 0.1%, and the hysteresis hoop is zero. Hence, the repeat accuracy of product weight is very high that meets customer's need to pursue high precision in production.

DKM Automatic Plastic Molding Line

DKM-SV series machine is widely applied in different turnkey plastic molding line, combining with the high quality mould, high precise robot and various types of auxiliary machine, DKM offers customers turnkey project with prompt service and simulation run before shipping.

DKM offers customers high quality automatic devices and auxiliary equipment, including auto loader, hopper dryer, water chiller, crusher, color doser, robot etc.



LINES	CYCLE	MACHINE
20L Paint Pail Production Line	15s	DKM-600HH
541*359*290mm 1.5kg Plastic Crate Production Line	45s	DKM-550SV
72-cavity PET Preform Production Line	20s	DKM-550SVPET
1.2*1M Pallet Production Line	70s	DKM-2600SV
Plastic Chair Production Line	50s	DKM-650SV
Plastic Thin-wall Containers Production Line (includes PLA Biodegradable Containers Production Lines)	4s	DKM-200HH
32-cavity Blood Collection Tube Production Line	15s	DKM-200EH
64-cavity Syringe Production Line	15s	DKM-450SV
2 cavities 110° Collapsible Core Elbow Production Line	45s	DKM-350PVC

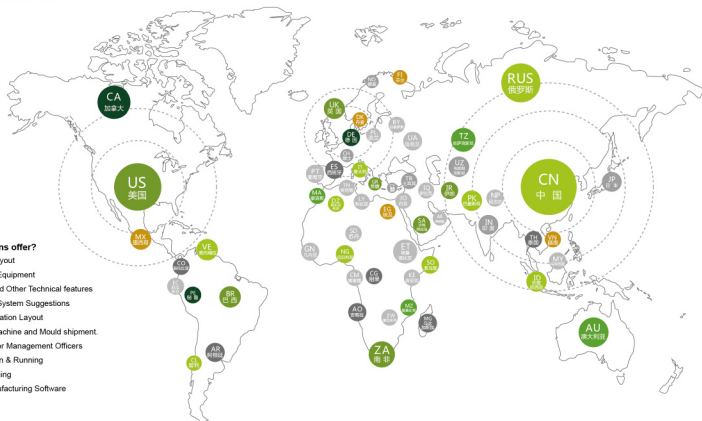


DKM SERVICE NETWORK

DKM has successfully established a global sales network and more than 31 overseas authorized agents in order to provide customers with faster and better services.

TURNKEY SOLUTION

FOR WORLDWIDE COUNTRIES TO START NEW PLASTIC MOLDING FACTORIES



What our turnkey solutions offer?

- Offer Workshop Detailed Layout
- Select Suitable Machine & Equipment
- Select Mould Cavities Nr. and Other Technical features
- Automation Manufacturing System Suggestions
- Machine Assembling Foundation Layout
- Operator Training Before Machine and Mould shipment.
- Hunting Chinese Engineer or Management Officers
- Machine & Mould Installation & Running
- Offer On Site & Online Training
- Offer TOP Automation Manufacturing Software

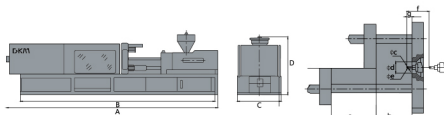


DKM Servo Energy Saving Injection Molding Machine Specification

DKM machinery spec.	DKM-80SV			DKM-130SV			DKM-180SV			DKM-250SV			DKM-350SV			DKM-450SV				DKM-550SV				DKM-650SV				
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	D	A	B	C	D	A	B	C	D	
INJECTION UNIT																												
Screw Diameter	mm	34	36	38	38	42	45	40	45	50	45	50	55	60	65	70	70	75	80	85	75	80	85	90	85	90	95	100
Screw L/D Ratio	(L/D)	22.2	21	19.9	22	20	18.5	23.2	20.6	18.5	24	21.6	19.4	23	21	20	24	22	20	18	23.7	22	20.7	19.5	22.7	21.5	19.3	18.4
Shot Volume	cm³	124	139	155	195	235	270	312	395	488	421	520	629	989	1160	1345	1500	1722	1960	2212	1928	2191	2473	2773	2439	2734	3046	3376
Injection Weight	g	113	126	141	177	216	248	284	358	444	379	468	566	890	1044	1211	1350	1550	1764	1991	1733	1972	2226	2496	2195	2461	2742	3038
Injection Pressure	Mpa	157	140	126	200	163	142	214	169	137	219	178	147	204	174	150	204	177	156	138	204	180	159	142	210	188	168	152
Plasticizing Rate	(g/s)	11.7	14.2	16.9	14.1	19.4	26.4	16.7	22.8	29.6	20	24	29.6	22.6	33.7	38.2	44.9	51.4	58.7	65.4	51.4	58.7	65.4	71.8	65.4	71.8	78.2	86.5
Screw Speed	rpm	0-220			0-200			0-200			0-200			0-200			0-200				0-200				0-130			
CLAMPING UNIT																												
Clamping Tonnage	kN	800			1300			1800			2500			3500			4500				5500				6500			
Toggle Stroke	mm	295			390			435			535			560			700				850				900			
Tie Bar Distance	mm	355*315			417*417			470*470			570*570			660*660			760*760				830*830				900*900			
Max.Mold Height	mm	370			460			550			600			640			780				850				1000			
Min.Mold Height	mm	150			160			180			200			220			250				290				300			
Min.Mould Size	mm	230*200			295*295			330*330			400*400			460*460			530*530				580*580				630*630			
Ejector Stroke	mm	70			120			140			155			165			195				240				240			
Ejector Force	kN	27			46			53			70			79			138				150				210			
Ejector Number	n	1			5			5			5			13			13				17				21			
OTHERS																												
Max.Pump Pressure	Mpa	16			16			16			16			16			16				16				16			
Pump Motor Power	kW	11			13.4			16.4			20.5			30.2			2*20.5				2*26.7				2*20.5+26.7			
Heater Power	kW	5.3			8.9			11.4			13.7			22			27.2				33.9				44.9			
Machine Dimension	m	3.72*1.17*1.8			4.7*1.3*1.9			5.1*1.5*1.9			6.0*1.6*2.3			6.9*1.7*2.45			7.8*1.76*2.5				8.1*1.9*2.65				10.2*2.3*3.35			
Machine Weight	t	2.2			4.5			5.36			8.3			13.3			17				20				30			
Oil Tank Capacity	L	120			190			230			260			400			500				750				1000			

DKM Servo Energy Saving Injection Molding Machine Specification

DKM machinery spec.	DKM-850SV				DKM-1150SV				DKM-1350SV				DKM-1650SV				DKM-2250SV				DKM-2800SV				DKM-3350SV		DKM-4000SV		
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	A	B	C	A	A	A				
INJECTION UNIT																													
Screw Diameter	mm	90	95	100	110	100	110	120	130	110	120	130	140	120	130	140	150	140	150	165	170	185	200	225	265				
Screw L/D Ratio	(L/D)	24.8	23.6	22.4	20.4	26	24	22	20	26	24	22	20	26	24	22.3	20.8	23.6	22	20	25.8	23.7	22	20	20				
Shot Volume	cm³	2980	3325	3685	4460	4710	5699	6782	7960	6275	7470	8765	10170	7924	9299	10785	12380	12693	14571	16579	22687	26867	31400	47888	80209				
Injection Weight	g	2682	2993	3317	4014	4239	5129	6104	7164	5648	6723	7889	9153	7132	8369	9707	11142	11424	13114	14921	20418	24180	28260	42919	72188				
Injection Pressure	Mpa	207	185	167	137	206	170	143	122	201	169	144	124	193	164	142	123	199	173	142	188	159	136	132	130				
Plasticizing Rate	(g/s)	71.8	78.2	86.5	104	86.5	104	122	139	104	122	139	151	122	139	151	165	151	165	181.4	188	201	230	263	346				
Screw Speed	rpm	0-130				0-120				0-120				0-110				0-80				0-60				0-55		0-40	
CLAMPING UNIT																													
Clamping Tonnage	kN	8500				11500				13500				16500				22500				28000				33500		40000	
Toggle Stroke	mm	1040				1280				1410				1520				1700				1940				2160		2260	
Tie Bar Distance	mm	1040*1040				1200*1200				1370*1320				1570*1510				1800*1600				1865*1715				2160*1900		2420*2020	
Max.Mold Height	mm	1040				1250				1400				1500				1800				1900				2000		2110	
Min.Mold Height	mm	420				500				500				700				900				900				1000		1100	
Min.Mould Size	mm	720*720				840*840				960*920				1100*1050				1260*1120				1300*1200				1510*1330		1695*1415	
Ejector Stroke	mm	300				350				350				350				420				450				550		550	
Ejector Force	kN	210				246				246				318				400				430				618		618	
Ejector Number	n	21				21				25				29				29				29				29		29	
OTHERS																													
Max.Pump Pressure	Mpa	16				16				16				16				16				16				16		16	
Pump Motor Power	kW	2~26.7+20.5				4~30.2				5~30.2				5~30.2				5~40.9				284				336		385	
Heater Power	kW	55.4				76.1				82.2				102.9				125				170				190		268	
Machine Dimension	m	10.8*2.3*3.4				12.8*2.5*3.4				13.5*2.6*3.4				14.7*3.2*3.4				16.3*3.6*3.9				18.5*4*5				22*4.4*5.4		24*4.8*5.6	
Machine Weight	t	35.5				54				62				100				141				185				250		300	
Oil Tank Capacity	L	1000				1300				1500				1500				2500				2500				3000		3500	

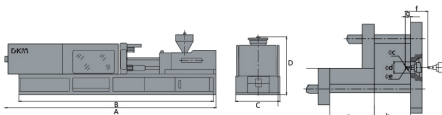
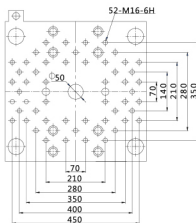


DKM machinery spec.	DKM-80SV			
		A	B	C
INJECTION UNIT				
Screw Diameter	mm	34	36	38
Screw L/D Ratio	(L/D)	22.2	21	19.9
Shot Volume	cm³	124	139	155
Injection Weight	g	113	126	141
Injection Pressure	Mpa	157	140	126
Plasticizing Rate	(g/s)	11.7	14.2	16.9
Screw Speed	rpm	0-220		
CLAMPING UNIT				
Clamping Tonnage	kN	800		
Toggle Stroke	mm	295		
Tie Bar Distance	mm	355*315		
Max.Mold Height	mm	370		
Min.Mold Height	mm	150		
Min.Mould Size	mm	230*200		
Ejector Stroke	mm	70		
Ejector Force	kN	27		
Ejector Number	n	1		
OTHERS				
Max.Pump Pressure	Mpa	16		
Pump Motor Power	kW	11		
Heater Power	kW	5.3		
Machine Dimension	m	3.72*1.17*1.8		
Machine Weight	t	2.2		
Oil Tank Capacity	L	120		

Dimensions

A	B	C	D
3720	2950	1170	1800
a	b	c	d
295	150-370	3.5	125
e	f	g	
SR10	175	30	

Mold Platen Drawing

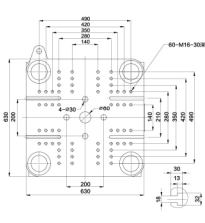


DKM machinery spec.	DKM-130SV			
		A	B	C
INJECTION UNIT				
Screw Diameter	mm	38	42	45
Screw L/D Ratio	(L/D)	22	20	18.5
Shot Volume	cm3	195	235	270
Injection Weight	g	177	216	248
Injection Pressure	Mpa	200	163	142
Plasticizing Rate	(g/s)	14.1	19.4	26.4
Screw Speed	rpm	0-200		
CLAMPING UNIT				
Clamping Tonnage	kN	1300		
Toggle Stroke	mm	390		
Tie Bar Distance	mm	417*417		
Max.Mold Height	mm	460		
Min.Mold Height	mm	160		
Min.Mould Size	mm	295*295		
Ejector Stroke	mm	120		
Ejector Force	kN	46		
Ejector Number	n	5		
OTHERS				
Max.Pump Pressure	Mpa	16		
Pump Motor Power	kW	13.4		
Heater Power	kW	8.9		
Machine Dimension	m	4.7*1.3*1.9		
Machine Weight	t	4.5		
Oil Tank Capacity	L	190		

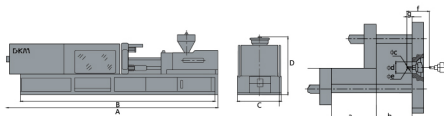
Dimensions

A	B	C	D
4700	3520	1200	1900
a	b	c	d
390	160-460	3.5	125
e	f	g	
SR10	200	30	

Mold Platen Drawing



DKM-180SV

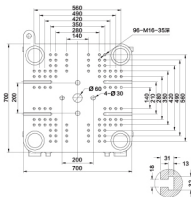


DKM machinery spec.		DKM-180SV		
		A	B	C
INJECTION UNIT				
Screw Diameter	mm	40	45	50
Screw L/D Ratio	(L/D)	23.2	20.6	18.5
Shot Volume	cm ³	312	395	488
Injection Weight	g	284	358	444
Injection Pressure	Mpa	214	169	137
Plasticizing Rate	(g/s)	18.7	22.8	29.6
Screw Speed	rpm		0-200	
CLAMPING UNIT				
Clamping Tonnage	kN		1800	
Toggle Stroke	mm		435	
Tie Bar Distance	mm		470*470	
Max.Mold Height	mm		550	
Min.Mold Height	mm		180	
Min.Mould Size	mm		330*330	
Ejector Stroke	mm		140	
Ejector Force	kN		53	
Ejector Number	n		5	
OTHERS				
Max.Pump Pressure	Mpa		16	
Pump Motor Power	kW		16.4	
Heater Power	kW		11.4	
Machine Dimension	m		5.1*1.5*1.9	
Machine Weight	t		5.36	
Oil Tank Capacity	L		230	

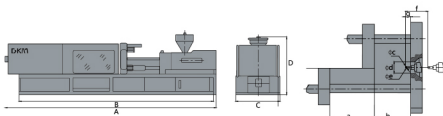
Dimensions

A	B	C	D
5100	3850	1270	1900
a	b	c	d
435	180-550	3.5	125
e	f	g	
SR10	234	30	

Mold Platen Drawing



DKM-250SV

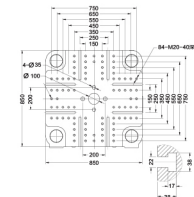


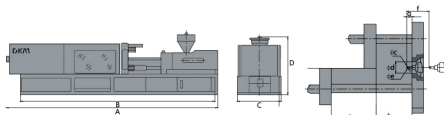
DKM machinery spec.		DKM-250SV		
		A	B	C
INJECTION UNIT				
Screw Diameter	mm	45	50	55
Screw L/D Ratio	(L/D)	24	21.6	19.4
Shot Volume	cm ³	421	520	629
Injection Weight	g	379	468	566
Injection Pressure	Mpa	219	178	147
Plasticizing Rate	(g/s)	20	24	29.6
Screw Speed	rpm		0-200	
CLAMPING UNIT				
Clamping Tonnage	kN		2500	
Toggle Stroke	mm		535	
Tie Bar Distance	mm		570*570	
Max.Mold Height	mm		600	
Min.Mold Height	mm		200	
Min.Mould Size	mm		400*400	
Ejector Stroke	mm		155	
Ejector Force	kN		70	
Ejector Number	n		5	
OTHERS				
Max.Pump Pressure	Mpa		16	
Pump Motor Power	kW		20.5	
Heater Power	kW		13.7	
Machine Dimension	m		6.0*1.6*2.3	
Machine Weight	t		8.3	
Oil Tank Capacity	L		260	

Dimensions

A	B	C	D
6000	5508	1559	2300
a	b	c	d
535	200-600	3.5	160
e	f	g	
SR10	340	40	

Mold Platen Drawing



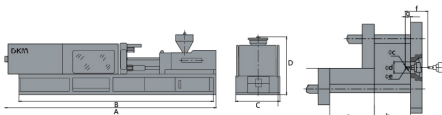
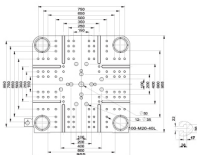


DKM machinery spec.	DKM-350SV			
		A	B	C
INJECTION UNIT				
Screw Diameter	mm	60	65	70
Screw L/D Ratio	(L/D)	23	21	20
Shot Volume	cm³	989	1160	1345
Injection Weight	g	890	1044	1211
Injection Pressure	Mpa	204	174	150
Plasticizing Rate	(g/s)	22.6	33.7	38.2
Screw Speed	rpm	0-200		
CLAMPING UNIT				
Clamping Tonnage	kN	3500		
Toggle Stroke	mm	560		
Tie Bar Distance	mm	660*660		
Max Mold Height	mm	640		
Min Mold Height	mm	220		
Min.Mould Size	mm	460*460		
Ejector Stroke	mm	165		
Ejector Force	kN	79		
Ejector Number	n	13		
OTHERS				
Max Pump Pressure	Mpa	16		
Pump Motor Power	kW	30.2		
Heater Power	kW	22		
Machine Dimension	m	6.9*1.7*2.45		
Machine Weight	t	13.3		
Oil Tank Capacity	L	400		

Dimensions

A	B	C	D
6900	6150	1680	2450
a	b	c	d
560	220-640	4.5	160
e	f	g	
SR15	390	40	

Mold Platen Drawing

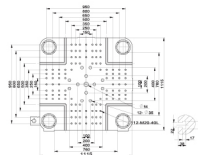


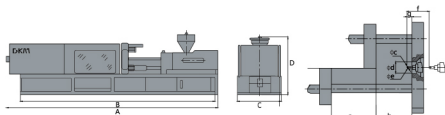
DKM machinery spec.	DKM-450SV				
	A	B	C	D	
INJECTION UNIT					
Screw Diameter	mm	70	75	80	85
Screw L/D Ratio	(L/D)	24	22	20	18
Shot Volume	cm3	1500	1722	1960	2212
Injection Weight	g	1350	1550	1764	1991
Injection Pressure	Mpa	204	177	156	138
Plasticizing Rate	(g/s)	44.9	51.4	58.7	65.4
Screw Speed	rpm	0-200			
CLAMPING UNIT					
Clamping Tonnage	kN	4500			
Toggle Stroke	mm	700			
Tie Bar Distance	mm	760*760			
Max.Mold Height	mm	760			
Min.Mold Height	mm	250			
Min.Mould Size	mm	530*530			
Ejector Stroke	mm	165			
Ejector Force	kN	138			
Ejector Number	n	13			
OTHERS					
Max.Pump Pressure	Mpa	16			
Pump Motor Power	kW	2×20.5			
Heater Power	kW	27.2			
Machine Dimension	m	7.8*1.76*2.5			
Machine Weight	t	17			
Oil Tank Capacity	L	500			

Dimensions

A	B	C	D
4730	3520	1200	1850
a	b	c	d
700	250-760	4.5	200
e	f	g	
SR15	200	50	

Mold Platen Drawing



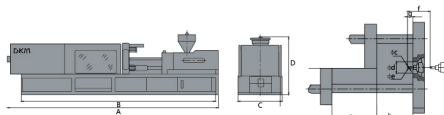
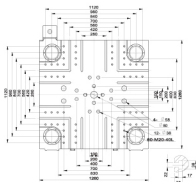


DKM machinery spec.		DKM-550SV				
		A	B	C	D	
INJECTION UNIT						
Screw Diameter	mm	75	80	85	90	
Screw L/D Ratio	(L/D)	23.7	22	20.7	19.5	
Shot Volume	cm3	1926	2191	2473	2773	
Injection Weight	g	1733	1972	2226	2496	
Injection Pressure	Mpa	204	180	159	142	
Plasticizing Rate	(g/s)	51.4	58.7	65.4	71.8	
Screw Speed	rpm	0-200				
CLAMPING UNIT						
Clamping Tonnage	kN	5500				
Toggle Stroke	mm	850				
Tie Bar Distance	mm	830*830				
Max.Mold Height	mm	850				
Min.Mold Height	mm	290				
Min.Mould Size	mm	580*580				
Ejector Stroke	mm	240				
Ejector Force	kN	150				
Ejector Number	n	17				
OTHERS						
Max.Pump Pressure	Mpa	16				
Pump Motor Power	kW	2*26.7				
Heater Power	kW	33.9				
Machine Dimension	m	8.1*1.9*2.65				
Machine Weight	t	20				
Oil Tank Capacity	L	750				

Dimensions

A	B	C	D
8100	9315	1950	2650
a	b	c	d
850	290-850	4.5	200
e	f	g	
SR15	490	50	

Mold Platen Drawing

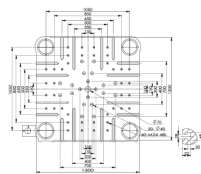


DKM machinery spec.		DKM-650SV			
		A	B	C	D
INJECTION UNIT					
Screw Diameter	mm	85	90	95	100
Screw L/D Ratio	(L/D)	22.7	21.5	19.3	18.4
Shot Volume	cm3	2439	2734	3046	3376
Injection Weight	g	2195	2461	2742	3038
Injection Pressure	Mpa	210	188	188	152
Plasticizing Rate	(g/s)	65.4	71.8	78.2	86.5
Screw Speed	rpm	0-130			
CLAMPING UNIT					
Clamping Tonnage	kN	6500			
Toggle Stroke	mm	900			
Tie Bar Distance	mm	900*900			
Max.Mold Height	mm	1000			
Min.Mold Height	mm	300			
Min.Mould Size	mm	630*630			
Ejector Stroke	mm	240			
Ejector Force	kN	210			
Ejector Number	n	21			
OTHERS					
Max Pump Pressure	Mpa	16			
Pump Motor Power	kW	2*20.5+26.7			
Heater Power	kW	44.9			
Machine Dimension	m	10.2*2.3*3.35			
Machine Weight	t	30			
Oil Tank Capacity	L	1000			

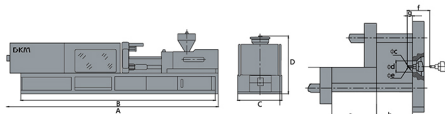
Dimensions

A	B	C	D
10200	8880	2300	3350
a	b	c	d
900	300-1000	6	200
e	f	g	
SR15	495	50	

Mold Platen Drawing



DKM-850SV

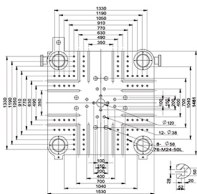


DKM machinery spec.		DKM-850SV			
		A	B	C	D
INJECTION UNIT					
Screw Diameter	mm	90	95	100	110
Screw L/D Ratio	(L/D)	24.8	23.6	22.4	20.4
Shot Volume	cm³	2980	3325	3685	4460
Injection Weight	g	2682	2993	3317	4014
Injection Pressure	Mpa	207	185	167	137
Plasticizing Rate	(g/s)	71.8	78.2	86.5	104
Screw Speed	rpm	0-130			
CLAMPING UNIT					
Clamping Tonnage	kN	8500			
Toggle Stroke	mm	1040			
Tie Bar Distance	mm	1040*1040			
Max.Mold Height	mm	1040			
Min.Mold Height	mm	420			
Min.Mould Size	mm	720*720			
Ejector Stroke	mm	300			
Ejector Force	kN	210			
Ejector Number	n	21			
OTHERS					
Max.Pump Pressure	Mpa	16			
Pump Motor Power	kW	2×26.7+20.5			
Heater Power	kW	55.4			
Machine Dimension	m	10.8*2.3*3.4			
Machine Weight	t	35.5			
Oil Tank Capacity	L	1000			

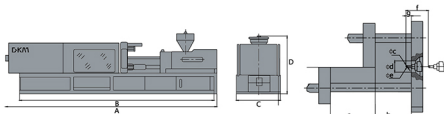
Dimensions

A	B	C	D
10800	8950	2250	3400
a	b	c	d
1040	420-1040	6	250
e	f	g	
SR15	535	50	

Mold Platen Drawing



DKM-1150SV

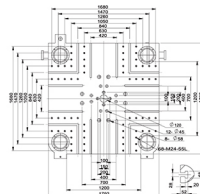


DKM machinery spec.		DKM-1150SV			
		A	B	C	D
INJECTION UNIT					
Screw Diameter	mm	100	110	120	130
Screw L/D Ratio	(L/D)	26	24	22	20
Shot Volume	cm3	4710	5699	6782	7960
Injection Weight	g	4239	5129	6104	7164
Injection Pressure	Mpa	206	170	143	122
Plasticizing Rate	(g/s)	86.5	104	122	139
Screw Speed	rpm	0-120			
CLAMPING UNIT					
Clamping Tonnage	kN	11500			
Toggle Stroke	mm	1280			
Tie Bar Distance	mm	1200*1200			
Max.Mold Height	mm	1250			
Min.Mold Height	mm	500			
Min.Mould Size	mm	840*840			
Ejector Stroke	mm	350			
Ejector Force	kN	246			
Ejector Number	n	21			
OTHERS					
Max.Pump Pressure	Mpa	16			
Pump Motor Power	kW	4*30.2			
Heater Power	kW	78.1			
Machine Dimension	m	12.8*2.5*3.4			
Machine Weight	t	54			
Oil Tank Capacity	L	1300			

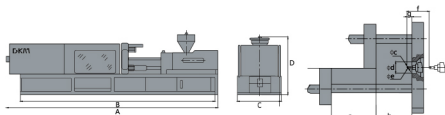
Dimensions

A	B	C	D
12800	10300	2440	3400
a	b	c	d
1280	500-1250	6	250
e	f	g	
SR20	680	50	

Mold Platen Drawing



DKM-1350SV

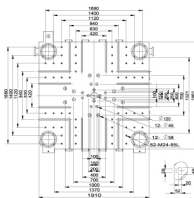


DKM machinery spec.		DKM-1350SV			
		A	B	C	D
INJECTION UNIT					
Screw Diameter	mm	110	120	130	140
Screw L/D Ratio	(L/D)	26	24	22	20
Shot Volume	cm3	6275	7470	8765	10170
Injection Weight	g	5648	6723	7889	9153
Injection Pressure	Mpa	201	169	144	124
Plasticizing Rate	(g/s)	104	122	139	151
Screw Speed	rpm	0-120			
CLAMPING UNIT					
Clamping Tonnage	kN	13500			
Toggle Stroke	mm	1410			
Tie Bar Distance	mm	1370*1320			
Max.Mold Height	mm	1400			
Min.Mold Height	mm	500			
Min.Mould Size	mm	960*920			
Ejector Stroke	mm	350			
Ejector Force	kN	248			
Ejector Number	n	25			
OTHERS					
Max.Pump Pressure	Mpa	16			
Pump Motor Power	kW	5~30.2			
Heater Power	kW	82.2			
Machine Dimension	m	13.5*2.6*3.4			
Machine Weight	t	62			
Oil Tank Capacity	L	1500			

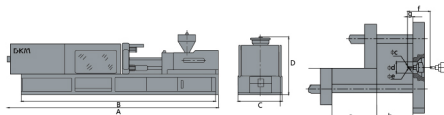
Dimensions

A	B	C	D
13500	11400	2500	3400
a	b	c	d
1410	500-1400	6	25
e	f	g	
SR20	680	50	

Mold Platen Drawing



DKM-1650SV

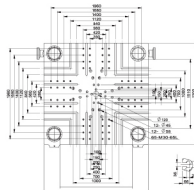


DKM machinery spec.	DKM-1650SV				
		A	B	C	D
INJECTION UNIT					
Screw Diameter	mm	120	130	140	150
Screw L/D Ratio	(L/D)	26	24	22.3	20.8
Shot Volume	cm ³	7924	9299	10785	12380
Injection Weight	g	7132	8369	9707	11142
Injection Pressure	Mpa	193	164	142	123
Plasticizing Rate	(g/s)	122	139	151	165
Screw Speed	rpm	0-110			
CLAMPING UNIT					
Clamping Tonnage	kN	16500			
Toggle Stroke	mm	1520			
Tie Bar Distance	mm	1570*1510			
Max.Mold Height	mm	1500			
Min.Mold Height	mm	700			
Min.Mould Size	mm	1100*1050			
Ejector Stroke	mm	350			
Ejector Force	kN	318			
Ejector Number	n	29			
OTHERS					
Max.Pump Pressure	Mpa	16			
Pump Motor Power	kW	5×30.2			
Heater Power	kW	102.9			
Machine Dimension	m	14.7*3.2*3.4			
Machine Weight	t	100			
Oil Tank Capacity	L	1500			

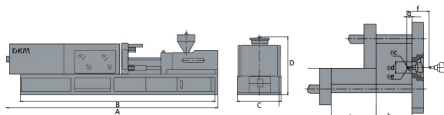
Dimensions

A	B	C	D
14700	13000	3000	3400
a	b	c	d
1520	700-1500	6	315
e	f	g	
SR20	740	50	

Mold Platen Drawing



DKM-2250SV

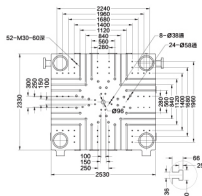


DKM machinery spec.	DKM-2250SV		
	A	B	C
INJECTION UNIT			
Screw Diameter	mm	140	150 165
Screw L/D Ratio	(L/D)	23.6	22 20
Shot Volume	cm³	12693	14571 16579
Injection Weight	g	11424	13114 14921
Injection Pressure	Mpa	199	173 142
Plasticizing Rate	(g/s)	151	165 181.4
Screw Speed	rpm	0-80	
CLAMPING UNIT			
Clamping Tonnage	kN	22500	
Toggle Stroke	mm	1700	
Tie Bar Distance	mm	1800*1600	
Max Mold Height	mm	1800	
Min Mold Height	mm	900	
Min.Mould Size	mm	1260*1120	
Ejector Stroke	mm	420	
Ejector Force	kN	400	
Ejector Number	n	29	
OTHERS			
Max Pump Pressure	Mpa	16	
Pump Motor Power	kW	5×40.9	
Heater Power	kW	125	
Machine Dimension	m	16.3*6*3.9	
Machine Weight	t	124	
Oil Tank Capacity	L	2500	

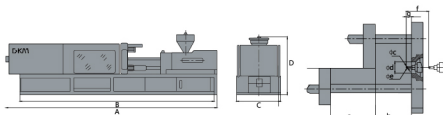
Dimensions

A	B	C	D
16300	16000	3600	3900
a	b	c	d
1700	900-1800	8	315
e	f	g	
SR20	930	50	

Mold Platen Drawing



DKM-2800SV

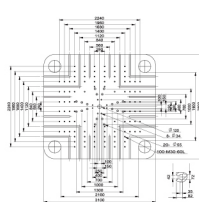


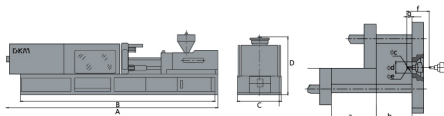
DKM machinery spec.		DKM-2800SV		
		A	B	C
INJECTION UNIT				
Screw Diameter	mm	170	185	200
Screw L/D Ratio	(L/D)	25.8	23.7	22
Shot Volume	cm3	22687	26867	31400
Injection Weight	g	20418	24180	28260
Injection Pressure	Mpa	188	159	136
Plasticizing Rate	(g/s)	188	201	230
Screw Speed	rpm	0-60		
CLAMPING UNIT				
Clamping Tonnage	kN	28000		
Toggle Stroke	mm	1940		
Tie Bar Distance	mm	1865*1715		
Max.Mold Height	mm	1900		
Min.Mold Height	mm	900		
Min.Mould Size	mm	1300*1200		
Ejector Stroke	mm	450		
Ejector Force	kN	430		
Ejector Number	n	29		
OTHERS				
Max.Pump Pressure	Mpa	16		
Pump Motor Power	kW	284		
Heater Power	kW	170		
Machine Dimension	m	18.5*4*5		
Machine Weight	t	185		
Oil Tank Capacity	L	2500		

Dimensions

A	B	C	D
18500	17200	4000	5000
a	b	c	d
1940	900-1900	10	350
e	f	g	
SR20	1000	100	

Mold Platen Drawing



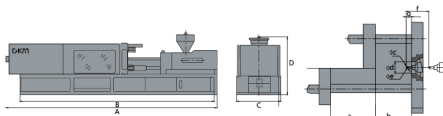
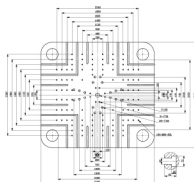


DKM machinery spec.	DKM-3350SV
	A
INJECTION UNIT	
Screw Diameter	mm 225
Screw L/D Ratio (L/D)	20
Shot Volume	cm ³ 47688
Injection Weight	g 42919
Injection Pressure	Mpa 132
Plasticizing Rate	(g/s) 263
Screw Speed	rpm 0-55
CLAMPING UNIT	
Clamping Tonnage	kN 33500
Toggle Stroke	mm 2160
Tie Bar Distance	mm 2160*1900
Max.Mold Height	mm 2000
Min.Mold Height	mm 1000
Min.Mould Size	mm 1510*1330
Ejector Stroke	mm 550
Ejector Force	kN 618
Ejector Number	n 29
OTHERS	
Max.Pump Pressure	Mpa 16
Pump Motor Power	kW 336
Heater Power	kW 190
Machine Dimension	m 22*4.4*5.4
Machine Weight	t 250
Oil Tank Capacity	L 3000

Dimensions

A	B	C	D
22000	17000	4400	5400
a	b	c	d
2160	1000-2000	10	350
e	f	g	
SR25	1100	100	

Mold Platen Drawing

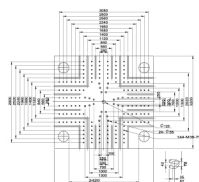


DKM machinery spec.	DKM-4000SV
	A
INJECTION UNIT	
Screw Diameter	mm 265
Screw L/D Ratio (L/D)	20
Shot Volume	cm ³ 80209
Injection Weight	g 72188
Injection Pressure	Mpa 130
Plasticizing Rate	(g/s) 346
Screw Speed	rpm 0-40
CLAMPING UNIT	
Clamping Tonnage	kN 40000
Toggle Stroke	mm 2260
Tie Bar Distance	mm 2420*2020
Max.Mold Height	mm 2110
Min.Mold Height	mm 1100
Min.Mould Size	mm 1695*1415
Ejector Stroke	mm 550
Ejector Force	kN 618
Ejector Number	n 29
OTHERS	
Max.Pump Pressure	Mpa 16
Pump Motor Power	kW 385
Heater Power	kW 268
Machine Dimension	m 24*4.8*5.6
Machine Weight	t 300
Oil Tank Capacity	L 3500

Dimensions

A	B	C	D
24000	18500	4800	5600
a	b	c	d
2260	1100-2110	10	350
e	f	g	
SR25	1100	100	

Mold Platen Drawing



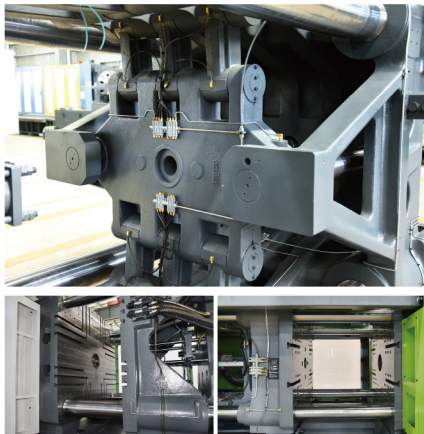
SERVO ENERGY SAVING INJECTION MOLDING MACHINE FEATURES

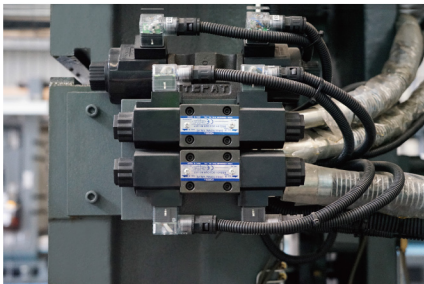
Clamping Unit

- High-precision & high-strength platens
 - T-slot on platen
 - Accurate clamping force setting
 - Oil lubrication steel sleeve
 - Multi-stage mould opening control
 - Reinforced hinge structure design
 - Excellent platen parallelism prolongs tie bar life
 - Low-pressure mould protection
 - Pressure holding and relief function
 - Mechanical and hydraulic double safety system
 - Parallel movement of mould opening and ejection (machine above 650T)
 - Robot installation hole
-
- 2 sets core pulling as standard (optional: more sets)
 - 2 sets air blowing as standard (optional: more sets)
 - High precision glass water distributor (optional)
 - Standard water distributor with fast water nozzle connection
 - Euromap socket for Robot
 - High hardness sliding guide for moving platen
 - High rigidity 5 hinge clamping mechanism
 - Automatic mold thickness adjustment
 - Precision mould opening/closing and ejection thanks to electronic ruler
 - Automatic centralized lubrication system
 - Top cover for clamping unit

The above information is for reference, the company reserves the rights to modify the information without further notice.

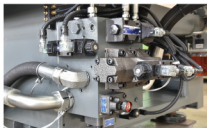
CLAMPING UNIT





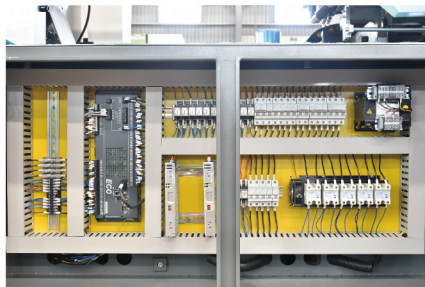
HYDRAULIC UNIT

- Servo motor system
- Enlarged servo motor power
- Multi sequential injection function
- Low-noise and high-efficiency hydraulic system
- Hydraulic oil level alarm
- Cold water valve (optional)
- Rigid hydraulic piping system without welding
- High-pressure pipe chain protection

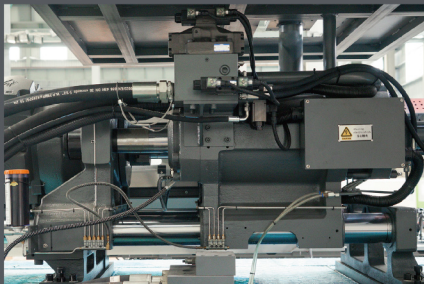


CONTROLLER UNIT

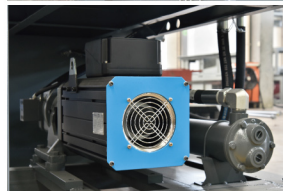
- KEBA colorful screen (touch screen optional)
- Mold setting database 300 sets record
- 10 language available
- I/O data detecting
- Molding record data and visual report
- Equipment maintenance reminder
- In-mold monitor (optional)
- International famous brand electrical components
- Real-time monitoring for molding process
- Production data detection
- Fault alarm
- Injection pressure/ holding pressure convert
- Three color alarming
- Motor overload protection
- Front and back door emergency stop buttons
- Frequency conversion for energy saving (servo motor)
- Euromap 12 robot interface
- Euromap 67 robot interface (optional)
- Heating SSR control
- Computer network centralized control system



INJECTION UNIT



- Elongated nozzle
- Wear-resistant screw unit
- Screw position accurate setting
- Screw speed display
- Bimetallic screw barrel (optional)
- Infrared heater (optional)
- Heat insulation protection for barrel
- Injection nozzle safety cover
- Self shut-off nozzle (optional)
- Cold start screw alarm and self protection
- Easy adjustment of the nozzle center
- Injection unit position controlled by electronic ruler
- Oil motor for plasticizing
- Equipped with material feeding platform
- Automatic centralized lubrication system for injection unit
- Closed-loop temperature control for barrel
- Separate control for each heating section
- Standard hopper/stainless steel hopper (optional)



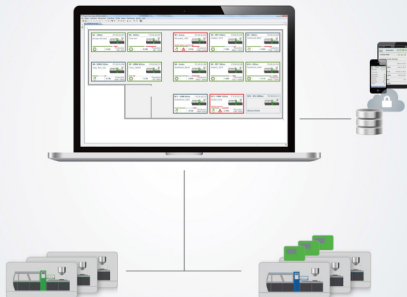
OTHERS

- CE standard safety cover design
- CE standard machine (optional)
- Adjustable machine shake proof foot pad
- Tool box
- USB and Aviation plug
- Sloping panel for product dropping area (machine below 550T)
- Heightened machine base (optional)

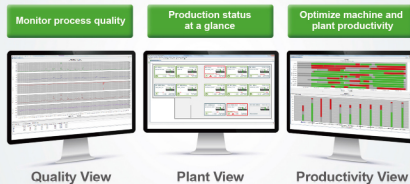
KePlast EasyNet



1 Monitor production with PC, Tablet and Smart Phone



2 Easy data analysis for quality and productivity



3 Easy access to machine data at any time by Tablet and Smart Phone

