



Technology Co., Ltd.



Professional Total Solution Provider



VE-series

EdeX Vertical Screw Type Injection Molding Machine

Features

- Hydraulic servo motor energy-saving system.
- Computer with 12" TFT-LCD full color monitor.
- Digital back pressure function.
- Hydraulic Air cooling system.
- Linear displacement transducer: clamping, injection, ejection, carriage.
- Lowest machine height with biggest opening stroke.

Specification

VE Series			VE150-D40			VE350-D50			VE550-D100			VE850-D150		
Injection system	Screw diameter	mm	18	22	25	22	25	30	25	28	35	30	35	40
	Injection volume	cm ³	28	42	54	42	54	78	74	92	144	106	144	188
	Injection pressure	kgf/cm ²	2492	1668	1292	2318	1795	1247	2190	1746	1117	2125	1561	1195
	Injection speed	mm/s	174			154			127			151		
	Screw speed	RPM	300			300			200			200		
Clamping system			Fixed table		Slide table	Fixed table		Slide table	Fixed table		Slide table	Fixed table		Slide table
	Max. clamping force	KN/Tonf	147 / 15			348 / 35.5			534 / 54.4			879 / 86.7		
	Distance b/w tie-bars	mm	260 X 160			360 X 210			460 X 310			510 X 360		
	Max daylight	mm	350		290	450		390	500		440	550		490
	Min. mold thickness	mm	120		60	160		100	200		140	200		140
	Ejector force/stroke	Tonf/mm	2.14 / 80			2.14 / 100			2.14 / 100			2.7 / 110		
	Heater zone	set	N1+H2			N2+H2			N2+H2			N2+H2		
Others	Motor Power	KW	5.5			7.5			7.5			15		
	Heater Power	KW	2.85			4.45			4.8			6.5		
	Dimension	m(LxWxH)	1.56x1.14x2.2	1.61x1.14x2.2		1.87x1.33x2.6	1.94x1.33x2.6		2.12x1.44x3.0	2.26x1.44x3.0		2.2x1.48x3.4	2.3x1.48x3.4	
	Min. Height	M	1.7			2.05			2.3			2.6		
	Table Height	M	0.64		0.72	0.85		0.91	0.89		0.95	0.93		1.05
	Weight	Ton	1.3			1.6			2.2			3.0		

VE Series			VE1200-D160			VE1600-D350			VE2200-D430		
Injection system	Screw diameter	mm	35	40	45	40	45	50	45	50	60
	Injection volume	cm ³	163	214	270	276	350	432	350	432	622
	Injection pressure	kgf/cm ²	2082	1594	1259	1812	1431	1159	1801	1459	1013
	Injection speed	mm/s	113			100			99		
	Screw speed	RPM	160			160			150		
Clamping system			Fixed table		Slide table	Fixed table		Slide table	Fixed table		Slide table
	Max. clamping force	KN/Tonf	1168 / 122.4			1554 / 158.6			2176 / 222		
	Distance b/w tie-bars	mm	610 X 410			710 X 460			810 X 510		
	Max daylight	mm	600		530	660		590	710		640
	Min. mold thickness	mm	250		180	250		180	300		230
	Ejector force/stroke	Tonf/mm	4.04 / 120			4.04 / 120			4.04 / 150		
	Heater zone	set	N2+H2			N2+H2			N2+H2		
Others	Motor Power	KW	15			15			18.5		
	Heater Power	KW	7.5			8.1			10		
	Dimension	m(LxWxH)	2.39x1.55x3.7	2.39x1.55x3.7		2.95x1.69x3.9	2.95x1.69x3.9		3.45x1.78x4.3	3.45x1.78x4.3	
	Min. Height	M	2.9			3.0			3.3		
	Table Height	M	1.13		1.19	1.22		1.28	1.37		1.43
	Weight	Ton	4.0			5.4			6.8		

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