



vcsp330_500

Machine designation

VC 330/60,70,80
VC 330/65,75,85 US
VC 330/60,70,80 PRO

VC 330/90,110,120
VC 330/100,120,130 US
VC 330/90,110,120 PRO

VC 330/130,150
VC 330/140,165 US
VC 330/130,150 PRO

		VC 330/60,70,80	VC 330/90,110,120	VC 330/130,150
Weight	to	5.3	7.3	9.3
	US tons	5.84	8.05	10.25
Length	mm	3910	4360	5273
	inches	153.94	171.65	207.60
Height	mm	2048 / 2133 ^a	2048 / 2133 ^a	2148
	inches	80.63 / 83.98 ^a	80.63 / 83.98 ^a	84.57
Oil reservoir capacity	l	185	300	450
	gal	48.9	79.3	118.9
Pump capacity	kW	15 / 18.5 / 22	15 / 18.5 / 22	22 / 22 / 22
	Tech / Power / HV3 hp	20.1 / 24.8 / 29.5	20.1 / 24.8 / 29.5	29.5 / 29.5 / 29.5
Filter motor	kW	- / - / -	- / - / -	1.5 / 1.5 / 1.5
	Tech / Power / HV3 hp			2.0 / 2.0 / 2.0
Total power	kW	25 / 28 / 32	25 / 28 / 32	34 / 34 / 34
	Tech / Power / HV3 hp	33.5 / 37.6 / 42.9	33.5 / 37.6 / 42.9	45.6 / 45.6 / 45.6
Connected current	A	45 / 52 / 58	45 / 52 / 58	60 / 60 / 60
Tech / Power / HV3				

a. VC 330/65, 75, 85, 100, 120, 130 US

Size designation ^a	330/...						
		Tech / Power			HV3		
Screw diameter	mm	30	35	40	30	35	40
	inches	1.18	1.38	1.57	1.18	1.38	1.57
Screw stroke	mm	160			160		
	inches	6.30			6.30		
Injection capacity	cm ³	113	154	201	113	154	201
	in ³	6.89	9.40	12.26	6.89	9.40	12.26
Screw speed	min-1 rpm	400	400	320	440	440	350
Screw length	L/D	23.6	20	17.5	23.6	20	17.5
Plasticizing capacity ^b	g/sec	14	21	25	15.4	23.1	27.3
	oz/sec	0.49	0.74	0.88	0.54	0.81	0.96
Screw length barrier	L/D	-	24	24	-	24	24
Plasticizing capacity barrier screw ^c	g/sec	-	31	34	-	34	38
	oz/sec	-	1.09	1.19	-	1.19	1.34
Injection rate ^d	cm ³ /sec	111	152	198	111	152	198
	in ³ /sec	6.77	9.27	12.08	6.77	9.27	12.08
Injection rate (at max. pressure) ^d	cm ³ /sec	83	112	146	83	112	146
	in ³ /sec	5.06	6.83	8.91	5.06	6.83	8.91
Injection pressure (regenerative)	bar	2180	1600	1230	2180	1600	1230
	psi	31610	23200	17835	31610	23200	17835
Injection pressure (max.)	bar	2400	2180	1670	2400	2180	1670
	psi	34800	31610	24215	34800	31610	24215
Noz.str.	mm	250			250		
	inches	9.84			9.84		
Nozzle immersion depth Europe standard	mm	30			30		
Nozzle immersion depth North America standard	inches	1.38			1.38		
Nozzle immersion depth Asia standard	mm	30			30		
Nozzle contact force	kN	47			47		
	US tons	5.28			5.28		
Heating wattage	kW	9.2			9.2		
	hp	12.34			12.34		
Number of the heating zones incl. nozzle		4			4		
Hopper capacity	l	52			52		
	lbs	57.3			57.3		

a. Injection capacity [cm³] x Injection pressure max. [bar] / 1000

b. Values for polystyrene (MVR 200/5=10 cm³ /10 min according to ENGEL works standard ETR 10100)

c. Values for HDPE (MVR 190/2.16=5 cm³ /10 min according to ENGEL works standard ETR 10100)

d. Dependent on pump drive power