

# VAN-ED Hammer Specifications

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ITEMS	MODEL	V45E	V57EX	V70E	V70EX	V75E
Operation Weight	Kg(lbs)	120(265)	175(386)	260(572)	310(682)	300(728)
Energy Class	ftlb	150	300	550	750	875
Required Oil Flow	lpm(gpm)	15-25(3.9-6.6)	26-45(6.8-11.8)	30-60(7.92-15.84)	35-70(9.24-18.48)	40-80(10.16-20.32)
Operating Pressure	kg/cm <sup>2</sup>	80-110	90-130	110-165	110-165	120-165
	psi	(1,136-1,562)	(1,278-1,846)	(1,595-2,393)	(1,595-2,393)	(1,740-2,393)
Blow Rate	bpm	550-1,000	450-800	550-1,100	380-1,000	380-900
Overall Length	mm(inch)	1,135(44.7)	1,317(51.9)	1,513(59.6)	1,597(62.9)	1,639(64.53)
Hammer Tool	mm(inch)	45(1.77)	57(2.24)	70(2.75)	70(2.75)	75(2.95)
Relief Valve Setting Pressure	kg/cm <sup>2</sup> (psi)	175(2,500)	175(2,500)	175(2,500)	175(2,500)	175(2,500)
Suitable Carrier	ton	0.8-2.5	1.5-4.0	2.0-4.5	3.0-6.5	4.5-8.0
	lbs	1760-5500	2,200-6,600	4,400-9,900	6,600-14,300	9,900-17,600



ITEMS	MODEL	V80E	V90E	V95E	V105E	V125E	V135E
Operation Weight	Kg(lbs)	495(1,089)	545(1,199)	800(1,764)	900(1,985)	1,450(3,197)	1,580(3,484)
Energy Class	ftlb	1000	1250	1600	2000	3000	4500
Required Oil Flow	lpm(gpm)	45-90(11.88-23.76)	50-100(13.2-26.4)	75-120(19.8-31.68)	80-140(21.12-36.96)	100-155(26.4-40.92)	120-170(31.68-44.8)
Operating Pressure	kg/cm <sup>2</sup>	40-170	140-170	140-180	140-180	160-190	160-190
	psi	(2,030-2,465)	(2,030-2,465)	(2,030-2,610)	(2,030-2,610)	(2,320-2,755)	(2,320-2,755)
Blow Rate	bpm	400-1,100	350-1,000	350-900	350-900	320-800	320-800
Overall Length	mm(inch)	1,894(74.6)	2,062(81.2)	2,125(83.7)	2,234(88.0)	2,522(99.3)	2,589(101.9)
Hammer Tool	mm(inch)	80(3.14)	90(3.54)	95(3.74)	105(4.13)	125(4.92)	135(5.31)
Relief Valve Setting Pressure	kg/cm <sup>2</sup> (psi)	175(2,500)	175(2,500)	175(2,500)	210(3,000)	210(3,000)	210(3,000)
Suitable Carrier	ton	4.5-8.0	6.0-10.0	8.0-12.5	10-15	16-22	18-24
	lbs	9,900-17,600	13,200-22,000	17,600-27,500	22,000-33,000	35,200-48,400	39,600-52,800

ITEMS	MODEL	V135EX	V145E	V150E	V155E	V165E	V175E
Operation Weight	Kg(lbs)	1,800(3,969)	2,000(4,409)	2,400(5,292)	2,700(5,954)	3,300(7,277)	3,800(8,379)
Energy Class	ftlb	5000	6000	7000	8000	9000	12000
Required Oil Flow	lpm(gpm)	140-190(36.96-50.16)	150-210(39.6-55.44)	180-240(47.52-63.36)	220-260(52.8-68.64)	220-280(58.08-73.92)	240-320(63.36-84.48)
Operating Pressure	kg/cm <sup>2</sup>	160-190	160-190	160-190	160-190	160-190	160-190
	psi	(2,320-2,755)	(2,320-2,755)	(2,320-2,755)	(2,320-2,755)	(2,320-2,755)	(2,320-2,755)
Blow Rate	bpm	340-800	300-720	250-650	230-600	230-600	230-550
Overall Length	mm(inch)	2,775(109.3)	2,906(114)	3,016(118.7)	3,085(121.5)	3,508(138.1)	3,580(141.0)
Hammer Tool	mm(inch)	135(5.31)	145(5.7)	150(5.90)	155(6.10)	165(6.49)	175(6.88)
Relief Valve Setting Pressure	kg/cm <sup>2</sup> (psi)	210(3,000)	210(3,000)	210(3,000)	210(3,000)	210(3,000)	210(3,000)
Suitable Carrier	ton	20-26	25-30	25-36	28-42	34-50	40-60
	lbs	44,000-57,200	55,000-66,000	55,000-79,200	61,600-92,400	74,800-110,000	88,000-132,000

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