

Water Pump Specification

Explore Hilti's market leading range of submersible/ residue, diaphragm, centrifugal and automatic priming pumps, available in petrol and diesel options with high solids handling and delivery head with outputs from 1" to 6".

Submersible & Residue Pumps

SIZE	1" TOP OUTLET	2" TOP OUTLET
MODEL	Residue	Submersible
HILTA REF	148/149/074	112/113/076
POWER	Electric Motor	Electric Motor
POWER UNIT	110/220 Volt 400 Watt	110/220 Volt 400 Watt
MAX OUTPUT	180 litres/min 2380gal/hr	240litres/min 3830 gal/hr
MAX DRY SUCTION LIFT	N/A	N/A
TOTAL HEAD	11 metres	10 metres / 11 metres
MAX SOLIDS	N/A	N/A
STARTING	N/A	N/A
DIMENSIONS (LxWxH)mm	N/A	N/A
WEIGHT	14 / 12kg	12.5 / 7.5kg

Self Prime Centrifugal Pumps

SIZE	1"	2"			2"		
MODEL	C25	C50 CarryFrame			CST50 Semi-trash CarryFrame		
HILTA REF	138	141	140	185 / 184E	143	142	187
FRAME/CHASSIS TYPE	Pick up Handle	Standard	Heavy Duty	Heavy Duty	Standard	Heavy Duty	Heavy Duty
POWER	Petrol	Petrol		Diesel	Petrol		Diesel
ENGINE TYPE	Honda GX25 2.1bhp 1.6kW 7000rpm	Honda GX120 4bhp 3kW 3600rpm		Hatz 1B20 4.8bhp 3.1kW 3000rpm	Honda GX120 4bhp 3.5kW 3000rpm		Hatz 1B20 4.8bhp 3.1kW 3000rpm
AVERAGE SOUND PRESSURE LEVEL @ 7m	103dB(A)	103dB(A)		109dB(A)	103dB(A)		109dB(A)
MAX OUTPUT	6.6m ³ /hr 1450gal/hr	36m ³ /hr 7920gal/hr			42m ³ /hr 9000gal/hr		
MAX DRY SUCTION LIFT	8.5 metres	8.5 metres			8.5 metres		
TOTAL HEAD	35 metres	34 metres			23 metres		
MAX SOLIDS	4mm	6mm			20mm		
STARTING	Recoil	Recoil		Recoil / Electric	Recoil		Recoil/Electric
FUEL TANK CAPACITY (LITRES)	0.77	2.0		3.1	2.0		3.1
DIMENSIONS (LxWxH)mm	360 x 350 x 430	495 x 395 x 425	506 x 402 x 421	600 x 450 x 555	495 x 395 x 425	506 x 402 x 421	600 x 450 x 555
WEIGHT	16kg	24kg	25kg	65 / 75kg	21kg	24.5kg	65 / 75kg

SIZE	2"		3"		3"	
MODEL	CT50 Trash		C75 CarryFrame		CT60 Trash	
HILTA REF	195	186/186E	146	198/198E	135Y	135YE
FRAME/CHASSIS TYPE	Easywheel or CarryFrame	CarryFrame	Standard	Heavy Duty	2 Wheel Site Chassis	
POWER	Petrol	Diesel	Petrol	Diesel	Diesel	
ENGINE TYPE	Honda GX160 4.8bhp 3.6kW 3000rpm	Hatz 1B20 4.8bhp 3.1kW 3000rpm	Honda GX160 4.8bhp 3.6kW 3000rpm	Hatz 1B20 4.8bhp 3.1kW 3000rpm	Yanmar LN100 10bhp 7.5kW 3000rpm	
AVERAGE SOUND PRESSURE LEVEL @ 7m	114dB(A)	109dB(A)	114dB(A)	109dB(A)	114dB(A)	
MAX OUTPUT	36m ³ /hr 7920gal/hr		66m ³ /hr 14500gal/hr		63m ³ /hr 14000gal/hr	
MAX DRY SUCTION LIFT	8 metres		8.5 metres		7.5 metres	
TOTAL HEAD	24 metres		32 metres		27 metres	
MAX SOLIDS	25mm		6mm		30mm	
STARTING	Recoil	Recoil/Electric	Recoil	Recoil / Electric	Recoil	Recoil/Electric
FUEL TANK CAPACITY (LITRES)	3.1	3.1	3.1	3.1	5.5	
DIMENSIONS (LxWxH)mm	805 x 450 x 600	800 x 700 x 710	805 x 450 x 600	800 x 700 x 710	1550 x 600 x 900	
WEIGHT	41kg	70 / 80kg	38kg	65 / 75kg	125kg	146kg

All hoses and fittings available for all pumps

Specifications are subject to change without prior notice

Diaphragm Pumps

SIZE	2"	2"	3"	3"
MODEL	Sprite	Sprite	Drysite D5	Drysite D5 - 24hr
HILTA REF	155	154Y	90YE	90YE-24HR
FRAME/CHASSIS TYPE	Easywheel	2 Wheel Site Chassis	2 Wheel Site Chassis	
POWER	Petrol	Diesel	Diesel	
ENGINE TYPE	Honda GX120 3.2bhp 2.4kW 3000rpm	Yanmar LN40 2.7bhp 1.95kW 1850rpm	Yanmar LN40 2.7bhp 1.95kW 2000rpm	
AVERAGE SOUND PRESSURE LEVEL @ 7m	103dB(A)	110dB(A)	110dB(A)	110dB(A)
MAX OUTPUT	11.3m ³ /hr 2500gal/hr		22.5m ³ /hr 5000gal/hr	
MAX DRY SUCTION LIFT	6 metres		7 metres	
TOTAL HEAD	18 metres		20 metres	
MAX SOLIDS	20mm		40mm	
STARTING	Recoil	Electric/Recoil	Electric/Recoil	
FUEL TANK CAPACITY (LITRES)	2.0	5.5	5.5	21
DIMENSIONS (LxWxH)mm	750 x 500 x 570	960 x 500 x 690	1150 x 600 x 850	1600 x 600 x 800
WEIGHT	45kg	112kg	165kg	175kg

Automatic Priming Pumps

SIZE	3"	4"	4"	6"
MODEL	C90	C95	C100	C150 Pro-Flo
HILTA REF	170	177	163 IBC / 163 HB	HILPFC150
FRAME/CHASSIS TYPE	Road tow braked chassis		Road Tow Braked Chassis Silenced Canopy / Open Set	Road Tow Braked Chassis Silenced Canopy
POWER	Diesel			
ENGINE TYPE	Silent Pac Hatz 1D81C 11.6bhp 8.6kW		Isuzu C3A1 18bhp 2600rpm Canopy	Yanmar 4TNV98 30.7kW
	2800rpm	2700rpm	Silent Pac Hatz 1D81C 11.3bhp 13.4kW 2700rpm Open set	Perkins 404D-22T 30.6kW
AVERAGE SOUND PRESSURE LEVEL @ 7m	114dB(A)	114dB(A)	114dB(A)	63dB(A)
MAX OUTPUT	120m ³ /hr 26500 gal / hr	126m ³ /hr 27850 gal / hr	135m ³ /hr 30000 gal / hr	475m ³ /hr 1800rpm
MAX DRY SUCTION LIFT	8 metres			8.5 metres
TOTAL HEAD	32 metres			27 metres - 1500rpm 37 metres - 1800rpm
MAX SOLIDS	32mm	35mm		80mm
STARTING	Electric			
FUEL TANK CAPACITY (LITRES)	38			180
DIMENSIONS (LxWxH)mm	3200 x 1800 x 1500			2560 x 1100 x 1700 Fork Pockets 4186 x 1655 x 1980 Road Tow
WEIGHT	455kg	445kg	1010kg	1588kg Fork Pockets 1788kg Road Tow