

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" | | 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 |