

# Automatic Priming Water Pumps



## 3" & 4" Automatic Priming Centrifugal Pumps

Hilta's automatic vacuum priming pumps set the industry standard with high output and solids handling capacity.



### Features:

- Fully silenced acoustic canopy or open set options
- Double door access to the engine and pump
- Sound pressure level – 73 dB(A) @ 7 metres (canopy set)
- Conforms to the Noise Directive 2000/14/EC
- Two wheel fast tow chassis – with ball socket fitting
- Integral lifting beam
- Automatic self prime

SIZE	3"		4"	
MODEL	C90		C95	C100
HILTA REF	170		177	163 IBC / 163 HB
FRAME/CHASSIS TYPE	Road Tow Braked Chassis			Road Tow Braked Chassis/ Silenced Canopy/Open set
POWER	Diesel			
ENGINE TYPE	Silent Pac Hatz 1D81C 11.6bhp 8.6kW			Isuzu C3A1 18bhp 2600rpm Canopy
	2800rpm		2700rpm	Silent Pac Hatz 1D81C 11.3bhp 13.4kW 2700rpm Open set
AVERAGE SOUND PRESSURE LEVEL @ 7m	114dB(A)			
MAX OUTPUT	120m <sup>3</sup> /hr 26500 gal /hr		126m <sup>3</sup> /hr 27850 gal /hr	135m <sup>3</sup> /hr 30000 gal /hr
MAX DRY SUCTION LIFT	8 metres			
TOTAL HEAD	32 metres			
MAX SOLIDS	32mm		35mm	
STARTING	Electric			
FUEL TANK CAPACITY (LITRES)	38			
DIMENSIONS (LxWxH)mm	3200 x 1800 x 1500			
WEIGHT	455kg		445kg	1010kg

All hoses and fittings available for all pumps

Specifications are subject to change without prior notice

Applications



**MORRIS**  
SITE MACHINERY

## Hilta C150 Pro-Flo

Automatic vacuum priming centrifugal pumps from 3" to 6" with high output and solids handling capacity.



### Features:

- Choice of two engines, Yanmar & Perkins
- Oil pressure and water temperature shutdown
- Emergency stop
- Robust 4mm skid base, 2mm thick enclosure, fully bolted construction
- Fully enclosed IP23 sound suppressed enclosure 63 dB(A) 6 metres
- Excellent access through four lockable hinged doors
- Fully portable, central lifting point & fork pockets
- Long run time, 180 litre capacity fuel tank-33 hours run on 70% load
- Fully bundled
- Diaphragm priming system
- Adjustable front wear plate, allows pump to maintain performance
- Solids handling up to 80mm diameter
- Auto level control standard
- Ease of maintenance throughout
- Fast tow tandem axle trailer option available
- Chalwyn valve & spark arrestor fitment available
- External fuel connection option with changeover valve
- Option of telemetry available for remote monitoring

SIZE	6"	
MODEL	C150 Pro-Flo	
HILTA REF	HILPFC150	
FRAME/CHASSIS TYPE	Fork Pockets / Road Tow Braked Chassis / Silenced Canopy	
POWER	Diesel	
ENGINE TYPE	Yanmar 4TNV98 30.7kW Perkins 404D-22T 30.6kW	
AVERAGE SOUND PRESSURE LEVEL @ 7m	63dB(A)	
MAX OUTPUT	475m <sup>3</sup> /hr (105,000 gals /hr)	
MAX DRY SUCTION LIFT	8.5 metres	
TOTAL HEAD	27 metres - 1500rpm 37 metres - 1800rpm	
MAX SOLIDS	80mm	
STARTING	Electric	
FUEL TANK CAPACITY (LITRES)	180	
DIMENSIONS (LxWxH)mm	Road Tow 4186 x 1655 x 1980	Fork Pockets 2560 x 1100 x 1700
WEIGHT	Road Tow 1788kg	Fork Pockets 1588kg