

HL260M Dri-Prime® Pump

The Godwin Dri-Prime HL260M pump is an extremely powerful yet compact pump with flow capabilities to 1,260 m³/hr and discharge heads to 147 metres.

The HL260M features the unique Godwin high pressure Glycol mechanical seal design. This allows for dry running for prolonged periods while automatically priming and repriming. Able to perform in the toughest conditions, the HL260M can handle solids up to 50 mm in diameter. This makes it an extremely effective pump, suitable for both slurry and clean water applications. The powerful HL260M has proven itself a pump of choice for mines, quarries and many other high capacity applications.



Features and Benefits

- Fully automatic priming from dry to 8.5 metres suction lift.
- Godwin Dri-Prime is a continuously operated Venturi air ejector priming device which requires no periodic adjustment or control.
- Extensive application flexibility. It will handle sewage, slurries and liquids with solids up to 50 mm in diameter.
- Dry-running high pressure liquid bath mechanical seal, with high abrasion resistant Tungsten carbide faces.
- A Close-coupled centrifugal pump with Godwin Dri-Prime system mounted to a diesel engine or electric drive.
- All cast iron construction (stainless steel construction option available) with cast steel impeller.
- Also available as Hush-Pac or as a bareshaft pumpend.
- Standard build engines; Volvo TAD1643VE, Caterpillar C18. Other engine options are available.

Specifications

Suction connection	250 mm (10" 10" BS10 table 'D')
Delivery connection	200 mm (8" BS EN 1092 PN16)
Max capacity	1260 m ³ /hr
Max Solids handling	50 mm
Max Impeller diameter	540 mm
Max operating temperature	80 °C *
Max pressure	14.4 bar
Max suction pressure	6.0 bar
Max casing pressure	21.6 bar
Max operating speed	1800 rpm

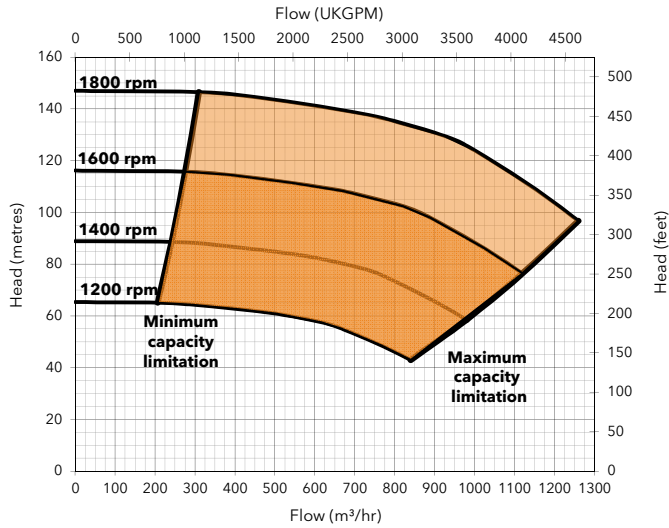
* Please contact our office for applications in excess of 80°C.

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Please contact the factory or office for further details.
A typical picture of the pump is shown.
All information is approximate and for general guidance only.

Performance Curve



Engine option 1

Price list ref - HL260M-30-DBO-002

Volvo, TAD1643VE, 543.0 kW @ 1800 rpm

Impeller diameter 540 mm

Pump Speed 1800 rpm

Suction Lift Table

Total Suction Head (metres)	Total Delivery Head (metres)				
	110	120	130	135	140
	Output (m³/hr)				
3.0	1075	925	750	600	300
4.6	975	925	750	600	300
6.1	850	800	700	500	300
7.6	500	400	300	200	-

Fuel capacity (Full) 685 litres, (Usable) 555 litres

Fuel consumption @ 1600 rpm 132.0 litres/hour

Weight: (Dry) 6,500 kg, (Wet) 7,000 kg

Dimensions: (L) 4,300 x (W) 1,980 x (H) 2,525 mm

Performance data provided in tables is based on water tests at sea level and 20°C ambient. All information is approximate and for general guidance only. Please contact the factory or office for further details.

Materials

Pump casing & suction cover	Cast steel BS3100 A5
Wearplates	Cast Iron Chrome 1.0/1.5% Nickel 2%
Pump Shaft	Carbon steel BS3100 A5
Impeller	Cast Steel BS3100 A5 Hardness to 200 HB Brinell
Non-return Valve body	Cast Iron BS EN 1561 - 1997
Mechanical Seal Faces	Double Mech seal; inboard TC v TC, Outboard TC/TC

Engine option 2

Price list ref - HL260M-30-DBO-001

Caterpillar, C18, 415.0 kW @ 1600 rpm

Impeller diameter 540 mm

Pump Speed 1600 rpm

Suction Lift Table

Total Suction Head (metres)	Total Delivery Head (metres)				
	85	92	100	104	108
	Output (m³/hr)				
3.0	956	822	667	533	267
4.6	867	822	667	533	267
6.1	756	711	622	444	267
7.6	444	356	267	178	-

Fuel capacity (Full) 1225 litres, (Usable) 993 litres

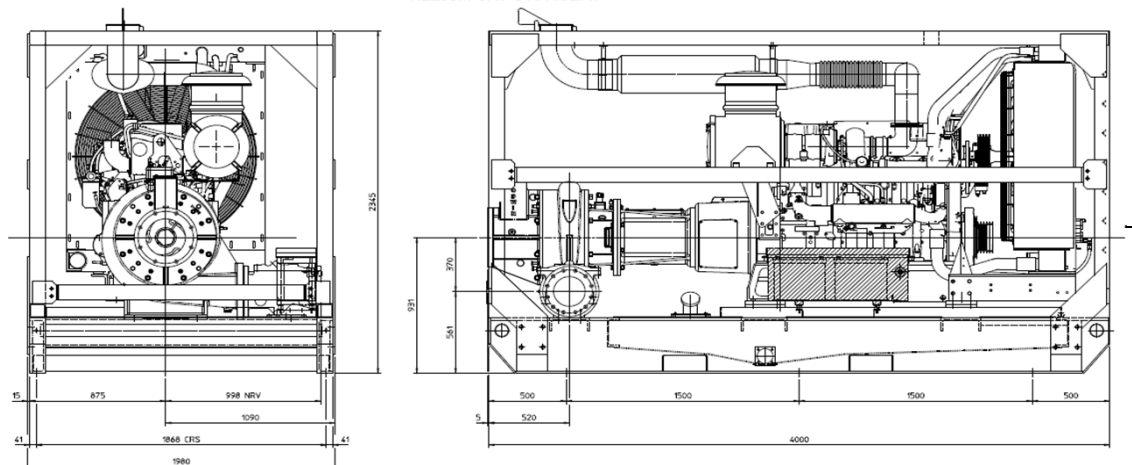
Fuel consumption @ 1600 rpm 103.8 litres/hour

Weight: (Dry) 6,250 kg, (Wet) 6,700 kg

Dimensions: (L) 4,000 x (W) 1,980 x (H) 2,350 mm

Performance data provided in tables is based on water tests at sea level and 20°C ambient. All information is approximate and for general guidance only. Please contact the factory or office for further details.

HL260M CAT C18 ACERT



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