

HIGH HEAD RANGE

Rugged, powerful and reliable



The Sykes group have been engineering and manufacturing pumps to solve water management issues around the globe for over 50 years.

High Head (HH) pumps are the water management solution of choice in many of the world's harshest mining and construction environments. With fully automatic priming as well as high head pumping capability, they also handle solids of up to 65mm [2.6 inch].

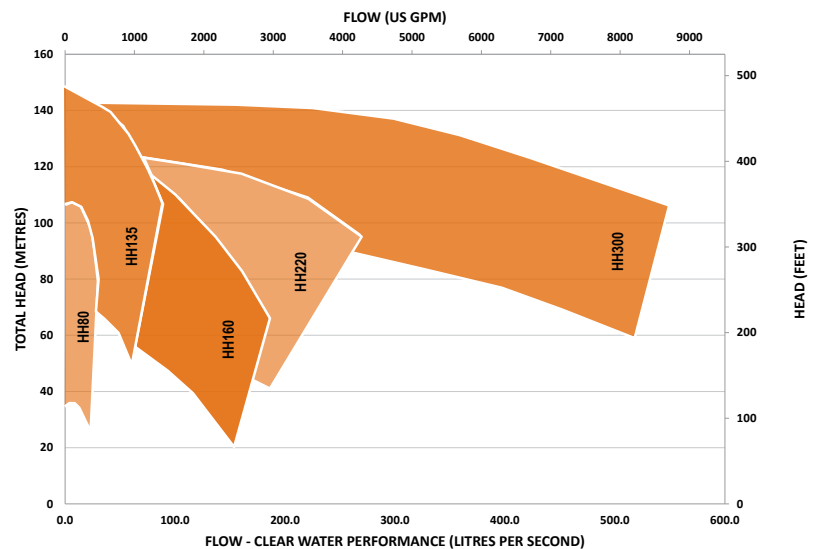
Boasting one of the best shaft stiffness ratios of any automatic priming pump on the market, our High Head Range provides the reliability and toughness to exceed market expectations.



AT A GLANCE

- Low fuel usage
- Low maintenance costs
- Dry self-prime and reprime
- Close coupled SAE bearing frames
- Suction lifts to 9m [30ft]
- Operates in 'snore' conditions
- Available in diesel, electric or hydraulic drive configurations
- Solids handling
- Simple maintenance
- Replaceable wear parts
- Chassis - skid, road tow, wheeled, caged
- Powered by Perkins® or Caterpillar® engines (other engines are available on request)
- Custom build available
- Sykes purpose-built control panel
- Able to operate unattended at high discharge heads
- Available in Standard (SR), Premium (PR) and Acoustic (AR) build configurations

HH TOMBSTONE CURVE



APPLICATIONS



Mining & Quarries



Construction & Civil



Sewage & Waste Water



Rental



Industrial



Agriculture



Oil & Gas

Model	Connections mm [inch]	Max. Head m [ft]	Max. Suction m [ft]	Max. Flow L/sec [US gal/m]	Solids Handling mm [inch]	Approx. Dimensions LxWxH, mm [inch]	Approx. Dry Weight kg [lb]
HH80	100 x 100 [4 x 4]	105 [344]	9 [30]	28 [444]	25 [1]	2,250 x 1,125 x 2,070 [89 x 44 x 82]	1,080 [2,380]
HH135	150 x 150 [6 x 6]	144 [472]	9 [30]	87 [1,379]	31 [1.2]	3,130 x 1,405 x 2,225 [123 x 55 x 88]	2,602 [5,736]
HH160i	200 x 150 [8 x 6]	140 [459]	9 [30]	188 [2,980]	65 [2.6]	4,030 x 1,650 x 2,400 [159 x 65 x 95]	3,559 [7,846]
HH220i	200 x 200 [8 x 8]	125 [410]	9 [30]	270 [4,280]	55 [2.2]	4,030 x 1,650 x 2,400 [159 x 65 x 95]	4,071 [8,975]
HH300	300 x 300 [12 x 12]	142 [466]	9 [30]	550 [8,718]	52 [2.1]	6,500 x 2,270 x 3,425 [256 x 89 x 135]	11,300 [24,912]

Note: Final weight and dimensions will depend on completed specifications and options, subject to manufacturing tolerances. All the information in this document is substantially correct at the time of creation and may be altered at the manufacturer's sole discretion. Any quotes and related material provided supersedes the contents hereof.

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