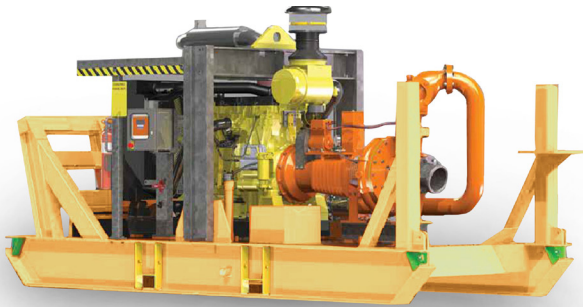


DIESEL DRIVE AUTO PRIME XTRA HIGH HEAD PUMP - YAKKA XH150



As Mines and Quarries go deeper the Xtra High Head automatic priming solids handling pumpset is designed to dewater more efficiently and effectively. Boasting one of the best shaft stiffness ratio's of any automatic priming pump on the market the Sykes Xtra High Head range provides the reliability to meet the market expectations.

Sykes engineers have ensured that the enormous pressures and heads associated with such performance do not compromise seal integrity through shaft flexing. Sykes Xtra High Head Pump range caters to the demands of the global mining industry and all models have the ability to operate unattended at high discharge heads.

KEY FEATURES

- Low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Dry self prime and reprime
- Close coupled SAE Bearing Frames
- Suction lifts to 9m
- Operates in 'snore' conditions
- Vacuum Priming option available for ground dewatering
- Diesel, electric or hydraulic drive
- Solids handling
- Simple maintenance
- Replaceable wear parts
- Chassis - skid, road tow, wheeled, caged
- Powered by Perkins or Cat Engines.
- Other engines available on request
- Sykes purpose built Control panel

MATERIALS OF CONSTRUCTION

Pumping Casing	S.G. IRON 400/12
Suction Cover	S.G. IRON 400/12
Air Separation Tank	S.G. IRON 400/12
Bearing Bracket	S.G. IRON 400/12
Pump Shaft	431 Stainless Steel
Impellar	316 Stainless Steel
Wearplates	316 Stainless Steel
Mechanical Seal	Silicon Carbide
	Cartridge Seal c/w
	Pumping Ring
	Glycol Quench
N.R.V. (Ball Type)	S.G. IRON 400/12

DESIGN DETAILS

Single Stage, end suction type, 5 vane semi open impellar, centrifugal pump	
Suction Flange (mm/in)	150/6
Delivery Flange (mm/in)	100/4
Solids Handling Size (mm/in)	22/0.88
Maximum Head (m/ft)	185/607
Maximum Capacity	82L/S

Speed (RPM)	Power Usage (kW)	Fuel Rate (L/HR)	Run Time (hrs - 1200L Fuel Tank)
1400	140	34.59	61
1600	210	51.88	40
1800	270	66.71	31

Calculations are based on 210g/kw.hr





DIESEL DRIVE AUTO PRIME XTRA HIGH HEAD PUMP - SYKES XH150

DRY WEIGHT: 6750KG
FUEL CAPACITY: 2100LITRES

