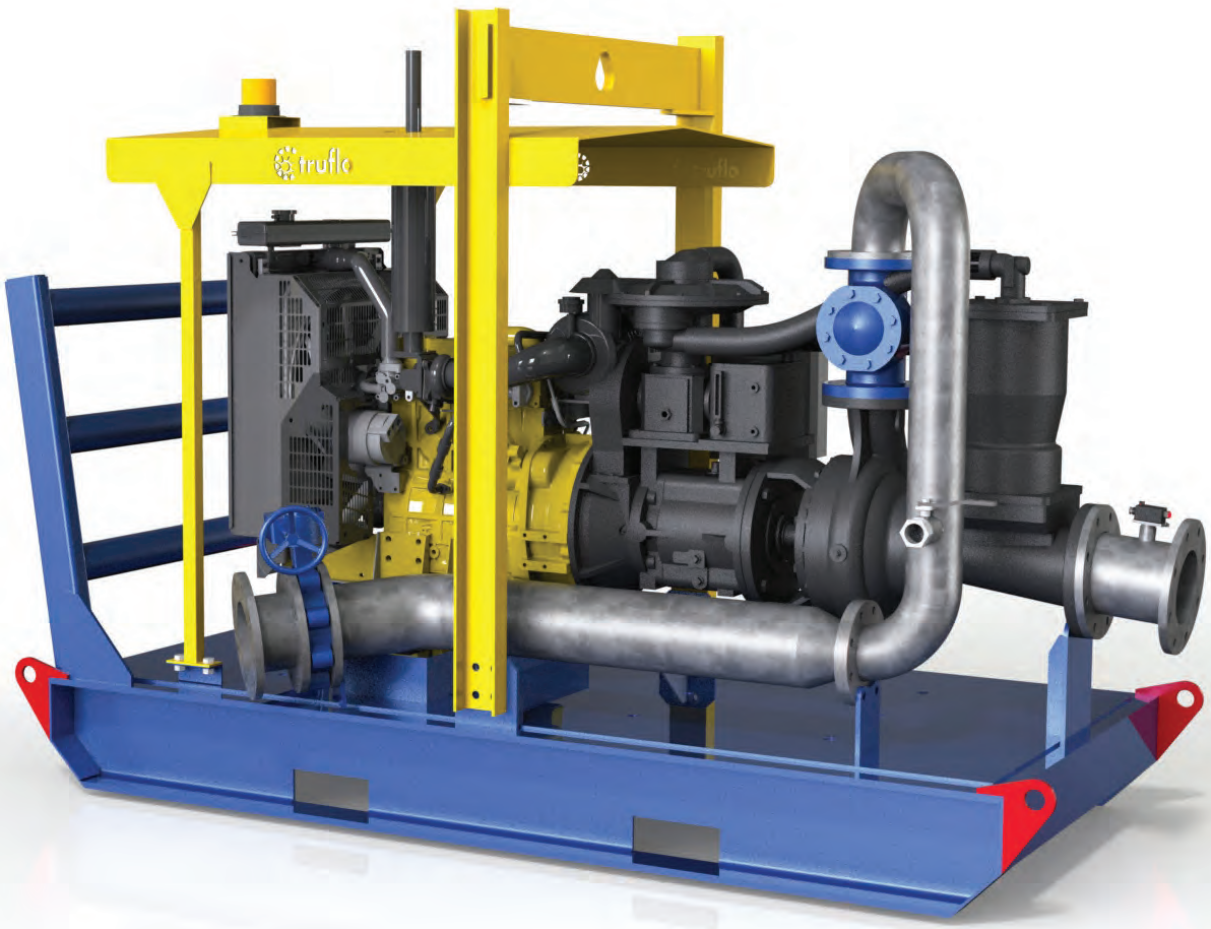
truflo PUMPING SYSTEMS™

TF 20/100



Base model pictured.
Technical details subject to change without notice.
Various engine and pump material construction options available on request.

Technical DATA Sheet

The **Tru-Flo** Pump range has been designed for mining and contractor companies; tough, compact, high performance pumps. Designed to be manoeuvrable, easy to handle, rugged and extremely reliable with the highest efficiencies possible.

Used extensively throughout the mining industry and by major rental and dewatering contractors, they continue to out perform others every time. The Tru-Flo Pumps are renowned for their solids handling capacity and cost efficient solutions.

Join the ever-growing list of mining companies finding the Tru-Flo pump "the best pumps we have on site".

FREECALL: 1800 813 677

www.truflopumps.com.au

8-14 Irving Place, Bathurst NSW 2795

TF 20/100

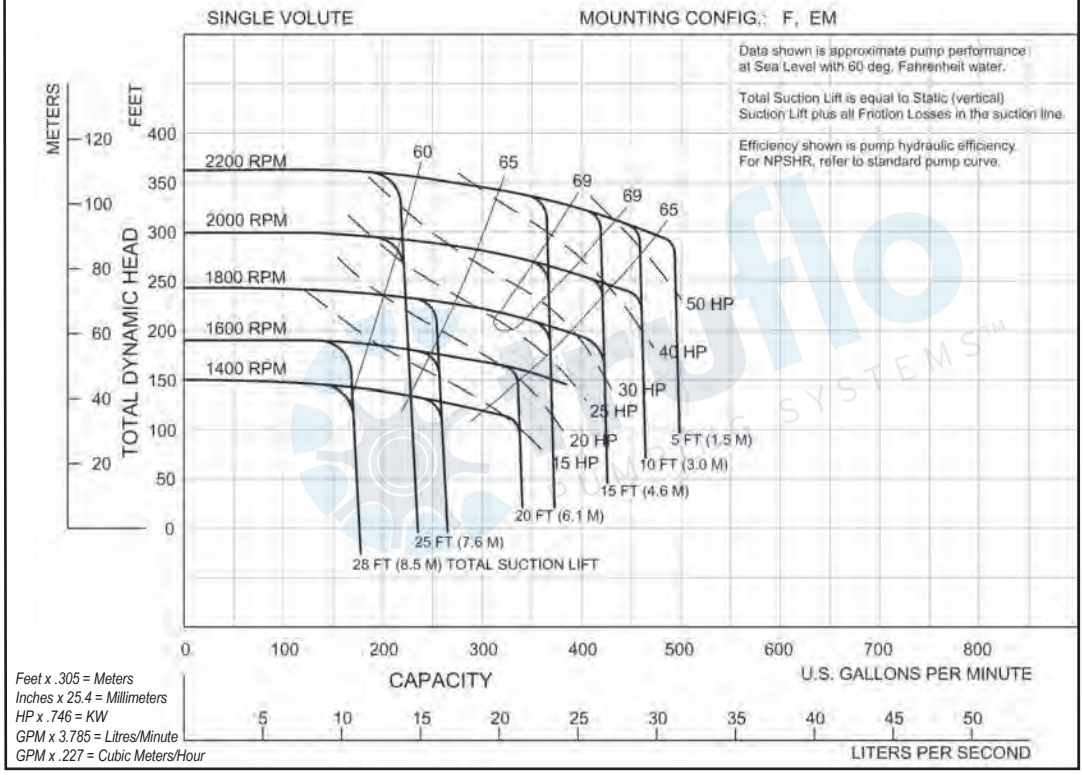
FEATURES

- Extremely low fuel usage
- Reduced engine sizes
- Lower maintenance costs
- Super fast, strong, dry self prime
- Close coupled via SAE to engine
- Suction lifts to 28ft (8.5m)
- Operates in 'snore' conditions
- Diesel, electric or hydraulic drive
- Duplex stainless steel impeller & wear parts
- Simple maintenance
- Skid or trailer mounted
- Powered by Caterpillar or Cummins
- Pump Master ™ Control Panel
- 24 Hour run time minimum
- 110% Hydrocarbon retention with dual skin fuel tank optional

APPLICATIONS

- Mining
- Ground dewatering
- Industrial
- Quarries
- Pipeline & drilling
- Environmental
- Construction
- Evaporation projects
- Sludge & slimes
- Water transfer

Speed	Impeller Dia.	Style	Solids Dia.	N_S	Suction	Discharge	No. vanes
VARIOUS	14"	ENCLOSED	.41"	585	4"	2.5"	7

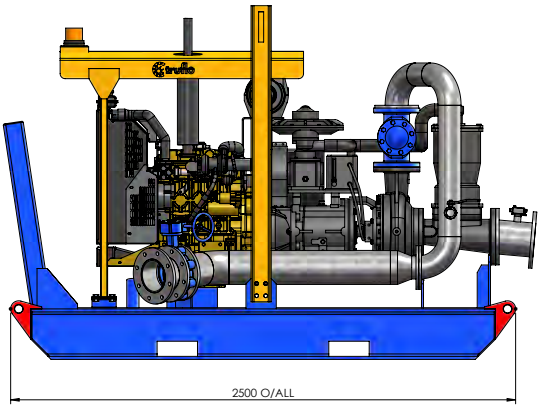


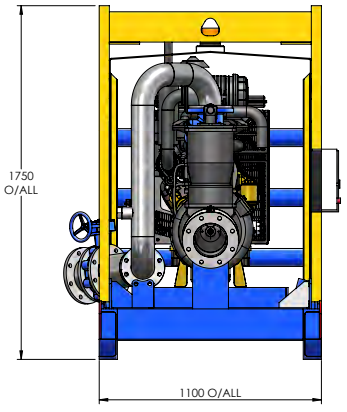
Feet x .305 = Meters
Inches x 25.4 = Millimeters
HP x .746 = KW
GPM x 3.785 = Litres/Minute
GPM x .227 = Cubic Meters/Hour

Performances shown are for cool water, frame mounted configuration with Cycloseal®. Other liquids, seal arrangements or mounting configurations may require performance adjustments.

PUMP SPECIFICATIONS		
Suction:	100mm ANSI Flanged (4")	
Discharge:	63mm ANSI Flanged (2.5")	
Impeller Design:	14" Enclosed	
Solids Handling:	10mm (.41")	
Coupling:	Flywheel, SAE direct flanged	
Maximum Operating Temperature:	100°C	
Operating Speed:	Min 1400rpm	Max 2200rpm
PUMP CONSTRUCTION		
Pump Casing:	Cast Iron	
Impeller:	Duplex Stainless Steel	
Wear Plate / Ring:	Duplex Stainless Steel	
Suction Cover:	Cast Iron	
Shaft:	Stainless Steel with replaceable shaft sleeve	
Mechanical Seal:	Cycloseal™ Silicon Carbide Run Dry	
Bearings:	Double Angular Contact	

PUMP PERFORMANCE		
Qmax:	30 L/sec	
Hmax:	110 m	
PUMP PRIMING SYSTEM		
Vacuum pump type:	Diaphragm	
Nominal air capacity:	50 cfm	
Max Vacuum:	0.9 bar	
Drives:	Belt	
CONSTRUCTION SPECIFICATIONS		
Base Type:	Civil Series	
Dry Weight	1620kg Skid	1920kg Trailer
Fuel Capacity:	250 Litres	
Suction Manifold	100mm Flanged (4") HD Gal	
Discharge Manifold	100mm Flanged (4") HD Gal	
Nominal Dimension:	2500 x 1100 x 1750mm	
RECOMENDED ENGINE		
Cummins Model:	B3.3-65	
Caterpillar Model:	C2.2TA	





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