

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

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

	Speed	Impeller Dia.	Style	Solids Dia.	Ns	Suction	Discharge	No. vanes
	VARIOUS	10.09"	ENCLOSED	3.0"	1900	6"	4"	2
	SIN	GLE VOLUTE		MOUNT	TING CONF	IG.: F. EM		
					1-3		proximate pump pe 60 deg. Fahrenheil	
METERS -45	150 3000					Total Suction Lift i Suction Lift plus a	s equal to Static (v Il Friction Losses in	ertical) the suction lin
₩ -45	150					Efficiency shown i For NPSHR, refer	s pump hydraulle e to standard pump	fficiency curve
-40	135	60	70					
-35	120	SPM	IV	75				
26	Q 105 1800	1 1	X N	1	7.5			
- 30	00 1600 1600 1600 1600 1600 1600 1600 1	RPM	1	1/	1	70		- IM
-25	75 1400	00.	11/1	X	12	1	TEM	
-20	NA 60	PM	1	1	17	5/18	1	
-15	TAL		1	7/	1	M	1	ury.
100	0 45			1	T A		30 HP	
- 10	30				10 HP	20 HP 25 F	P	
-5	15							
	0	TOTAL SUCTION	LIFT 25 FT 2	5 FT 20 FT	20 FT 15	FT 10 FT	5 FT	
	0		600	800	1000	1200	1400 ALLONS PER	1600
x .305 = Met		CA	PACITY			0.5. 6	ALLUNS PER	MINOTE
es x 25.4 = M c .746 = KW		10 20	30 40	50	60 7	0 80	90 1	90
1 x 3.785 = Li	res/Minute Tres/Hour		-				LITERS PER S	SECOND

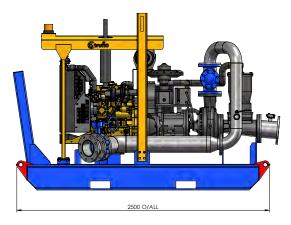
Performances shown are for cool water, frame mounted configuration with Cycloseal ®. Other liquids, seal arrangements or mounting configurations may require performance adjustments.

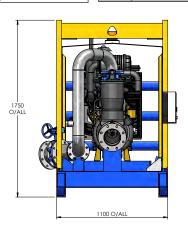
APPLICATIONS

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

PUMP SPECIFICATIONS						
Suction:	150mm ANSI Flanged (6")					
Discharge:	100mm ANSI Flanged (4")					
Impeller Design:	10.09" Enclosed					
Solids Handling:	75mm (3")					
Coupling:	Flywheel, SAE direct flanged					
Maximum Operating Temperature:	100°C					
Operating Speed:	Min 1400rpm	Max 2000rpm				
PUMP CONSTRUCTION						
Pump Casing:	Cast Iron					
Impeller:	Duplex Stainless Steel					
Wear Plate / Ring:	Duplex Stainless Steel					
Suction Cover:	Cast Iron					
Shaft:	Stainless Steel with					
Silait.	replaceable shaft sleeve					
Mechanical Seal:	Cycloseal™ Silicon Carbide					
iviculariicai Scal.	Run Dry					
Bearings:	Double Angular Contact					

PUMP PERFORMANCE						
Qmax:	90 L/sec					
Hmax:	45 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	150mm Flanged (6") 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:	C2.2T					





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