



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

TF 160/50

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	14"	ENCLOSED	3"	2120	8"	6"	2
		GLE VOLUTE		MOUN.	TING CONFI	G.: F, EM		
METERS 08	H 275	DO RPM			14	at Sea Level with Total Suction Lift	proximate pump pe 60 deg. Fahrenhei is equal to Static (v	(water, vertical)
< -ou	250 1800 A		7	5	(1)	Efficiency shown	If Friction Losses in is pump hydraulic on to standard pump	ifficiency.
-70	225	SPM .	1 17	80	82	FOR NESTIN, Telef	to standard pump	curve.
-60	200 1600 A	20.	1	1	1	83		
- 50	Q 175	1		X		N.	3 82	
-40	175 150 1400 I 125 150 100 100 75	RPM	1	ZA	X		80	STM
-40	AN 125		1	1	XX		(\
-30	100 TAL						1	125 HF
-20				BALL	1	1	1	100 HP
-10	50						75 HF 50 HP	5
	25		TOTAL SUCTION	ON LIFT 25 F	T 20 F	T 15 FT	10 FT	
eet x .305 = Mete	0		00 1200	1600	2000	2400 U.S. 0	2800 SALLONS PER	3200 MINUTE
ches x 25.4 = M P x .746 = KW	illimeters	20 40	PACITY 60 80	100	120 14			200
GPM x 3.785 = Lit GPM x .227 = Cub		T	TT	T	1 1		LITERS PER S	1

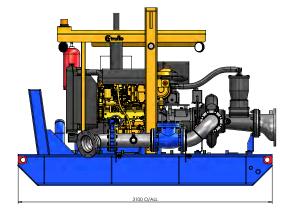
Performances shown are for cool water, frame mounted configuration with Cycloseal ®. Other liquids, seal arrangements or mounting configurations may require performance adjustments.

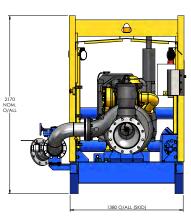
APPLICATIONS

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

PUMP SPECIFICATIONS							
Suction:	200mm ANSI Flanged (8")						
Discharge:	150mm ANSI Flanged (6")						
Impeller Design:	14" 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						
weenanical Seal.	Run Dry						
Bearings:	Double Angular Contact						

PUMP PERFORMANCE							
Qmax:	175 L/sec						
Hmax:	85 m						
PUMP PRIMING SYSTEM							
Vacuum pump type:	Diaphragm						
Nominal air capacity:	50 cfm						
Max Vacuum:	0.9 bar						
Drives:	Belt						
CONSTRUCTION SPECIFICATIONS							
Base Type:	Contractor Series						
Dry Weight	1620kg Skid	1920kg Trailer					
Fuel Capacity:	500 Litres						
Suction Manifold:	200mm Flanged (8") HD Gal						
Discharge Manifold:	150mm Flanged (6") HD Gal						
Nominal Dimension:	3100 x 1380 x 2170mm						
RECOME	NDED ENGI	NE					
Cummins Model:	QSB 4.5						
Caterpillar Model:	C4.4T ACERT						





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