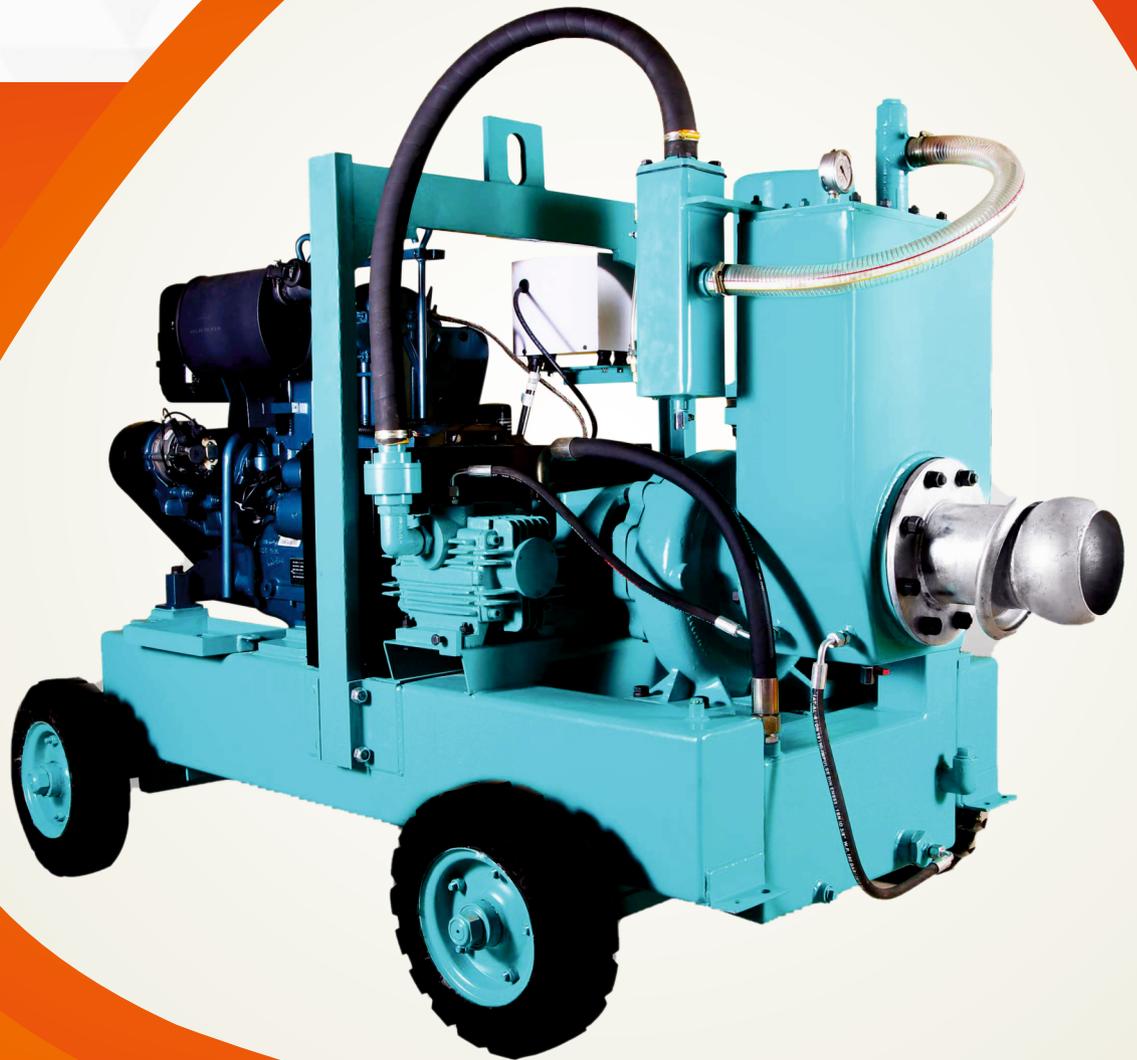




**TRIVIKRAM  
FLOWTECH**



**ENGINEER'S  
CHOICE**



**AUTO PRIMING  
VACUUM ASSISTED  
DEWATERING PUMP**



# ABOUT TRIVIKRAM

Trivikram Flowtech (TFT) is the ultimate destination, where we provide fluid solutions for a wide range of industries. Our company was established by distinguished engineers with rich experience of 25 years in providing fluid solutions to various industries. Our expertise lies in the selection of pumps, R&D, Application engineering and to provide our customers with seamless after-sales service. Innovation is our tradition and we at TFT pumps lead by example. We facilitate industries to install pumps and regularly overlook the functioning of the pumps for flawless performance and maintenance. Trivikram Flowtech is ISO 9001:2015 certified. Our areas of expertise include designing & manufacturing of high performance pumps and application engineering, R&D, selection of pumps and much more.





## OUR TWP AUTO-PRIMING DEWATERING PUMPS, SPECIFICALLY DESIGNED FOR THE CONTRACTORS

TFT Dewatering pumps are specifically designed and manufactured by keeping the reality of site in mind. Our pumps are made to be reliable and simple to operate so that the users can straightaway start using the pumps in their site.

TFT Tiger Dewatering Pumps are manufactured to be reliable, mobile and to produce tremendous performance. Mainly used in general purpose industry for Construction, Utilities and Civil Engineering, TFT tiger is your best bet for safer and consistent performance. Simply said, TFT tiger pumps are easy to use, easier to maintain. With the ready stock availability and our supply chain capability, we commit to deliver the pumps at the shortest time possible.



# TWP SERIES

## TWP150M 6 INCH TIGER

TWP 150M	
Head (max) in metres	38
Capacity (max) in m <sup>3</sup> /hr	350
Engine Power	32 kW
Impeller type	Closed (Open Impeller Optional)
Suction x Discharge size	6x6
Vacuum System	Oil Lubricated rotor vane type (70 cfm) with NRV
Type of Sealing	Double Mechanical Seal with Oil bath
Chassis	4 wheel mount/2 wheel site trailer/Sound Acoustic Enclosure (optional)
Material of Construction	MS & CI/SS options available



## TWP200M 8 INCH TIGER

TWP 200M	
Head (max) in metres	48
Capacity (max) in m <sup>3</sup> /hr	540
Engine Power	42 kW
Impeller type	Closed
Suction x Discharge size	8x8
Vacuum System	Oil Lubricated rotor vane type (70 cfm) with NRV
Type of Sealing	Double Mechanical Seal with Oil bath
Chassis	4 wheel mount/2wheel site trailer/Sound Acoustic Enclosure (optional)
Material of Construction	MS & CI/SS options available



## TWP200S 8 INCH TIGER

TWP 200M	
Head (max) in metres	42
Capacity (max) in m <sup>3</sup> /hr	480
Engine Power	42 kW
Impeller type	Open (Closed Impeller Optional)
Suction x Discharge size	8x8
Vacuum System	Oil Lubricated rotor vane type (70 cfm) with NRV
Type of Sealing	Double Mechanical Seal with Oil bath
Chassis	4 wheel mount/2wheel site trailer/Sound Acoustic Enclosure (optional)
Material of Construction	MS & CI/SS options available



# TWP SERIES



## TWP200A 8 INCH TIGER

TWP 200A	
Head (max) in metres	60
Capacity (max) in m <sup>3</sup> /hr	680
Engine Power	124 kW
Impeller type	Open
Suction x Discharge size	8" x 8"
Vacuum System	Oil Lubricated rotor vane type (70 cfm) with NRV
Type of Sealing	Double Mechanical Seal with Oil bath
Chassis	4 wheel mount/2 wheel site trailer/Sound Acoustic Enclosure (optional)
Material of Construction	MS & CI/SS options available



### SERVICES & SPARES SUPPORT

To ensure minimal downtime and keep the pump up and running we make sure all necessary spare parts are readily available at our factory.

CASING

BEARING

TYRES

FLOAT

IMPELLER

SHAFT

MECHANICAL SEAL

VACUUM PUMP

ROTOR VANES



Vacuum Blade



Vacuum Pump



Shaft



NRV Ball



Double Mechanical Seal



Impeller



Float



Coupling



Miller Coupling

# SUBMERSIBLE PUMPS :



The Blue Elephant series of submersible pumps, produced by TFT, are designed for exceptional durability and performance. Constructed with a robust cast iron body, these pumps offer long-lasting reliability. They feature a high-pressure-resistant mechanical seal that greatly increases their maximum submersion depth. The impeller and inlet plate are crafted from high chrome, with a hardness of at least 58 HRC, ensuring superior durability compared to standard materials.

The Blue Elephant pumps also have a specially designed water passage that allows water to cool the motor as it flows through the pump body. With a vertical outlet design positioned at the top, these pumps are ideal for use in compact spaces. They are equipped with built-in thermal protection to safeguard the motor through thousands of operating cycles. Additionally, they incorporate advanced cable technology, ensuring no water leakage from the cable, which further enhances their safety and reliability.

## SPECIFICATION :

- Insulation class : F
- Protection class: IP68
- Cable length: 8 metres
- Water temperature: Up to 40 degree celcius
- Maximum Water Depth: 25 metres
- Capacity: up to 160 m3/h
- Head: up to 57 meters
- Power: 1.5kW(2HP) to 15 kW (20HP)
- Power supply: Three phase 380V  $\pm$ 10%, 50Hz
- Material Options: Hi-chrome / SS (optional)

## APPLICATION :

- Civil engineering / Construction sites
- Mines, quarries, coal ore & slurries
- Sewage treatment plants
- General pumping purposes
- Crusher / Sand wash
- De-Watering



## BLUE ELEPHANT PUMP

BLUE ELEPHANT CHART					
Model	Motor Output	HP	Outlet	Max Capacity	Max head
	kW		mm	m3/min	m
TFT 21.5	1.5	2	50	0.45	22/23
TFT 31.5	1.5	2	80	0.67/0.75	14,5/15
TFT 22.2	2.2	3	50	0.55/0.52	26/28
TFT 32.2	2.2	3	80	0.92/0.78	19/20.5
TFT 23.7	3.7	5	50	0.55/0.83	34/33
TFT 33.7	3.7	5	80	0.92	29/31
TFT 43.7	3.7	5	100	1.5/1.6	18.5
TFT 35.5	5.5	7	80	1.25/1.15	34/38
TFT 45.5	5.5	7	100	1.75/1.70	23/24.4
TFT 47.5	7.5	10	100	1.40/1.33	40/41
TFT 67.5	11	10	150	2.08/2.12	31
TFT 411	11	15	100	1.4	18.5
TFT 611	15	15	150	2.45	32
TFT 415	15	20	100	1.4	56/57
TFT 615	15	20	150	2.6/2.67	40/39





## TG 100 4 INCH TIGER

TG 100	
Head (max) in metres	28
Capacity (max) in m <sup>3</sup> /hr	180
Engine Power	17 kW
Impeller type	Closed ( Open Impeller - Optional )
Suction x Discharge size	4 x 4
Vacuum System	Oil Lubricated rotor vane type (70 cfm) with NRV
Type of Sealing	Double Mechanical Seal with Oil bath
Chassis	2 wheel site trailer
Material of Construction	CI/SS options available

## SERVICES & SPARES SUPPORT



To ensure minimal downtime and keep the pump up and running we make sure all necessary spare parts are readily available at our factory.



**TRIVIKRAM  
FLOWTECH**



# WHERE EVER YOU ARE

## TFT Pumps Now Exporting Worldwide

### GET IN TOUCH WITH US:

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