



# ENERGY EFFICIENT PUMPS FOR PAPER MILLS

[www.tftpumps.com](http://www.tftpumps.com)



TFT pumps has been designed and manufactured with application knowledge for paper industries.

Reduces life cycle costs, energy consumption, unexpected downtime.

Robust, reliable and Rotokey impeller mounting (optional)





## About TFT

TFT is a world class pump manufacturing company started by eminent engineers with 3 decades of field expertise in design, manufacture, application engineering, R&D, after sales service in industrial pumps. Established in 1999, TFT has thrived over the years with a strong vision to escalate the productivity of all the processes of the industry by refining fluid handling process.

Our team works from the ground up to understand the fluid handling needs and then design a comprehensive and futuristic fluid processing model that best suits to improve productivity in all kinds of process that the industry needs. Our support doesn't end after supply, we offer support from installation and commissioning activities to aftermarket servicing; therefore, we are known for our superlative and efficient works among our customers.

All customer requirements were considered in this line of paper stock / process pumps which helped us manufacture pumps with excellent hydraulic coverage, high efficiency, extreme ease of maintenance, and mechanical reliability.

For the toughest services, pumps, handle stock, solids, Fibrous / stringy materials, abrasive slurries, and corrosives. Dynamic Seal option eliminates mechanical seal problems.

### AP

#### OPERATING RANGE

Delivery size	: DN 32 to 150 mm
Capacity	: up to 550 M <sup>3</sup> /hr
Head	: Up to 100 meter
Speed	: 960 / 1450 / 2900 RPM



Conforming to DIN 24255, back pull out design

Special Gland Packing/Mechanical Seal, Closed Impeller design

Application : Clarified water, Back water, Soft water & general water applications.

### CPP

#### OPERATING RANGE

Delivery size	: DN 32 to 200 mm
Capacity	: up to 750 M <sup>3</sup> /hr
Head	: up to 150 meter
Temperature	: up to 200 deg
Speed	: 960 / 1450 / 2900 RPM

Working Pressure : Up to 26 bar

Conforming to DIN 24256, back pull out design

Special Gland Packing/Mechanical Seal, Closed Impeller design with balancing holes

Application : Chemicals, Acids, Alkalis, Dyes, Hydrocarbons, DM water, Hot water, Condensates, back water, De-inking process liquors, and Clarified water, Fan pump, Centri-cleaner & Primary centri-cleaner applications.



### MPS

#### OPERATING RANGE

Pump size	: DN 32 to 350
Capacity	: up to 2250 M <sup>3</sup> /hr
Head	: Up to 80 meter
Temperature	: Up to 140 deg
Consistency	: Up to 7%
Speed	: 960 / 1450 / 2900 RPM

Conforming to DIN 24256, back pull out design

Special Gland Packing/Mechanical Seal

Application : Handling up to 7% consistency of pulp, Fibrous pulp, White, Black & Green Liquors, alkaline, corrosive slurries.







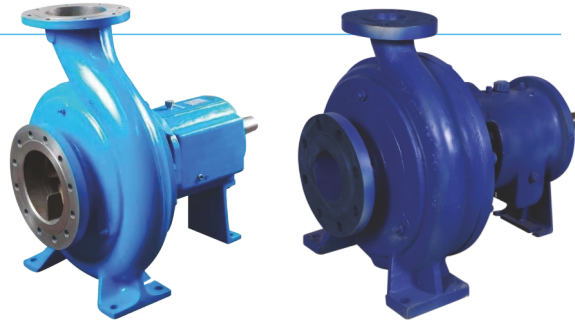
## MPP & MPPT

### OPERATING RANGE

Pump size	: DN 32 to 300
Capacity	: Up to 1800 M <sup>3</sup> /hr
Head	: Up to 150 meter
Temperature	: Up to 140 deg
Consistency	: Up to 8 %
Speed	: 960 / 1450 / 2900 RPM

Conforming to IS2858, back pull out design,  
Special Gland Packing/Mechanical Seal

Application : Handling up to 8 % consistency of pulp, Fibrous pulp  
White, Black & Green Liquors, alkaline, corrosive slurries, RAW sewage & sludge



## ACH

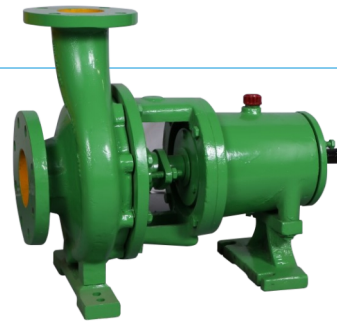
### OPERATING RANGE

Capacity	: Up to 700 M <sup>3</sup> /hr
Head	: Up to 180 meter
Temperature	: Up to 200 deg
Working Pressure	: Up to 26 bar
Speed	: 960 / 1450 / 2900 RPM

Conforming to ANSI B73.1, back pull out design

Special Gland Packing/Mechanical Seal, Semi open Impeller design with balancing holes

Application : For pumping Acids, Alum, Corrosive slurries, low consistency pulp & Stock,  
Green liquor, Black Liquor, Caustic slurry, lime -mud slurry.



## NON-CLOG SUBMERSIBLE PUMP

### OPERATING RANGE

Discharge Nozzle Size	: 50-500 mm
Capacity	: Up to 3500 M <sup>3</sup> /hr
Head	: Up to 85 meter
Rating	: Up to 373 KW / 500 H.P.
Speed	: 960 / 1450 / 2900 RPM

Application : Sewage treatment plant, Effluent treatment plant, Sludge, Waste Water  
Effluent with slurry and suspended solids / Pulp applications.



### Materials Of Construction

Part Description	A	B	C	D	E	F	G	H
Volute Casing	CAST IRON	CAST IRON	CAST IRON	CAST IRON	CAST IRON	CF8	CF8M	CA40
Impeller	CAST IRON	CF8/ CF8M	CF8	CF8M	SS2324	CF8	CF8M	CA40
Wear Plate / Wear Ring	CAST IRON	CAST IRON	CF8	CF8M	SS2324	CF8	CF8M	CA40
Casing Cover & Gland	CAST IRON	CAST IRON	CAST IRON	CAST IRON	SS2324	CF8	CF8M	CA40
Shaft	EN- 8	EN- 8	EN- 8	EN- 8	EN- 8	AISI 304	AISI 316	AISI 304
Sleeve	AISI- 410	AISI- 410	AISI- 410	AISI- 410	AISI- 410	AISI 304	AISI 316	AISI 304
Sealing	Teadit Make Packing- Brazil / Mechanical Sealing							
Other Parts	CAST IRON	CAST IRON	CAST IRON	CAST IRON	CAST IRON	CAST IRON	CAST IRON	CAST IRON

Also we can supply : ASTM A 890 Gr 1A, 3A, 4A, 5A & 6A - Super duplex stainless steel, Material of construction

## OUR MANUFACTURING FACILITIES



## SOME OF OUR MAJOR CLIENTS



### TRIVIKRAM FLOWTECH

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Group of Company :  
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Qatar.

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Dealer :

