

# Technosub

INDUSTRIAL PUMPS  
DEWATERING SOLUTIONS



# TECHNOSUB **VT** SERIES

VERTICAL TURBINE PUMPS

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## VERTICAL PUMP

TECHNOSUB VT vertical turbine pump is the perfect ally for water extraction coming from lakes, rivers and drain wells. Also used for water treatment, irrigation and process plants, it is economical, versatile and reliable. Entirely customizable, the VT pump is designed for head pressure up to 670 m / 2200 feet, with a flow capacity up to 8000 USGPM (1820m<sup>3</sup>/h).

### CUSTOMIZABLE DISCHARGE HEAD

- Stainless steel 316, 304
- Multiple outlets possible
- 7.6cm - 40cm / 3 in - 16 in
- Flanged, Victaulic, NPT
- CLASS 150 - CLASS 600

### BOWL ASSEMBLY

- Stainless steel, bronze, cast iron impeller
- Closed, opened and mixed flow impeller
- Single and multi stages

### DRIVER

- Electric Motor
- TEFC or ODP enclosures
- 460V - 4160V
- 3.6 Kw - 735 Kw / 5 hp - 1000 hp
- 500 - 3600 RPM
- Diesel engine driven version with angle drive

### FLANGED COLUMN DESIGN

- Stainless Steel 316, 304, Steel
- Column size 10cm - 40cm / 4 in - 16 in
- Length 1.2m - 18m / 4 ft - 60 ft

### STRAINER

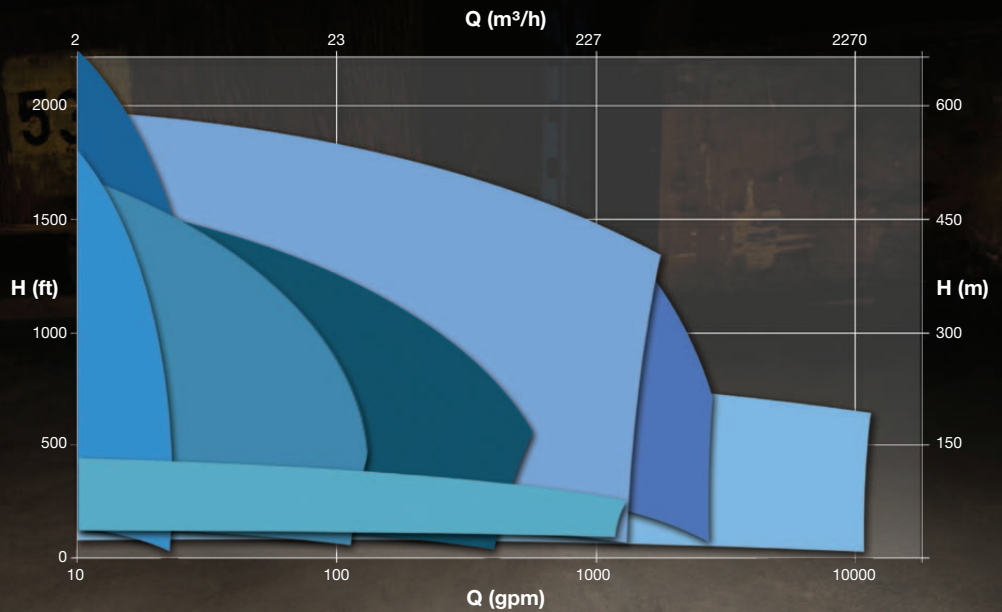
- Customizable size and material
- Booster adapter compatible

**#1 CHOICE**  
**VERTICAL TURBINE**  
**PUMPS**





# PERFORMANCE DATA CURVES



## QUALITY ASSURANCE

From initial order to final delivery, Technosub is committed to quality in every step of its operation.

Technosub's facility is equipped with a test bench that includes a 136 275 L / 36,000 gallon pit and a 1 mega-watt generator, which allows for testing of pumps up to 800HP / 588Kw and 4160V.

**WITHOUT EXCEPTION, all pumps that leave our facility are tested to ensure their performance meets customer requirements.**

All pumps are delivered with test results, including actual performance curves.

All rotating parts manufactured by Technosub are balanced with extreme precision to reduce overall vibrations, allowing for smooth operation.



# TECHNOSUB IS THE SOLUTION TO YOUR PUMPING CHALLENGES



TYPICAL VT INSTALLATION IN A RECLAIM WATER STATION

## TECHNOSUB SERVICE GOES BEYOND PROVIDING PUMPING SOLUTIONS

Our engineers and technical representatives are always available to solve pumping challenges, at every stage of the process, anywhere any time.

## IN ADDITION TO OUR PUMP LINES, OUR TEAM CAN SUPPLY

- General arrangement drawings
- On-site assistance, solution engineering & commissioning
- Detailed drawings
- Sump designs
- Piping calculations
- Valve selection
- Control panel selection / programming
- Operating sequences
- Protection against water hammer & cavitation
- Installation methods and designs
- Pump school

# ARE YOU SUCCESS READY ?

ENTER THE CYCLE  
OF SUCCESS

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DEWATERING SOLUTIONS

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