

# Techno<sub>sub</sub>

INDUSTRIAL PUMPS  
DEWATERING SOLUTIONS



**TECHNOJET** **VT**  
**SERIES**

**VERTICAL TURBINE PUMPS**



# TECHNOJET VT SERIES

## VERTICAL PUMP

With reliable and quick turnaround products, the company quickly became a Canadian reference in pumping solutions. TECHNOSUB has also developed a customer-based approach ensuring that the proposed solutions are exactly what the customer needs. We are proud to have the biggest pump manufacture in Canada (465m / 55 000 sq ft). We recognize the need for reliable and durable equipment. Therefore, we endeavour to offer top notch supplies and services to our customers. We are ready to put our experience to work on your next application.

### CUSTOM MADE UPON YOUR SPECIFIC NEEDS !

TECHNOJET VT vertical turbine pumps built by Technosub are designed for pressure up to 670 m / 2200 feet of head pressure. They are economical, versatile and reliable. Experience the technical expertise from Technosub. Upon request, we will propose you a pump that will correspond exactly to your needs.

### CUSTOMISABLE 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

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



### 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

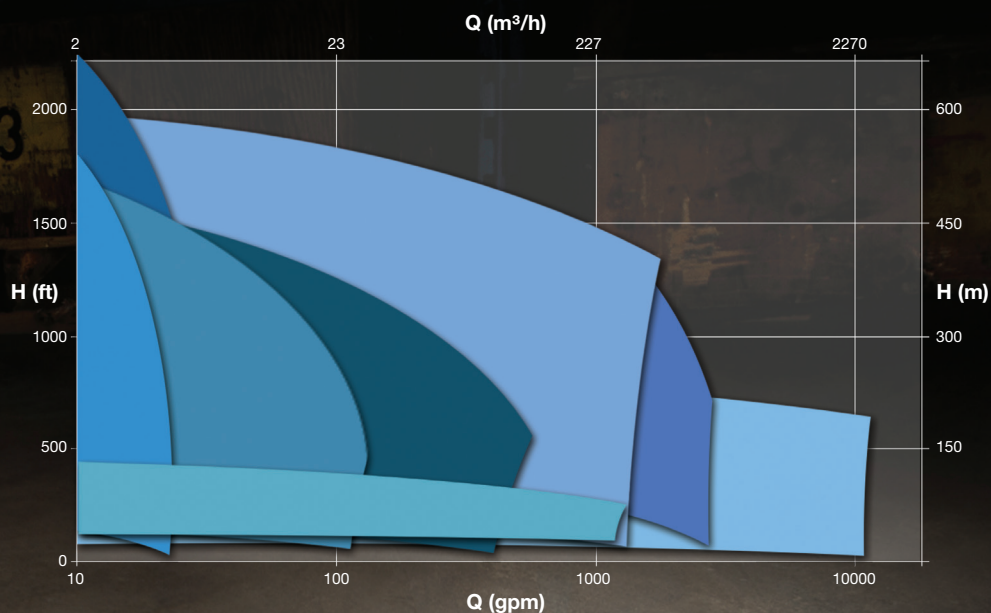
### STRAINER

- Customizable size and material
- Booster adapter compatible



# PERFORMANCE DATA CURVES

The following figure shows the range of pumps we can produce. TECHNOSUB can develop custom pumps for your specific needs.



## 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 in order to ensure that their performance meets customer requirements.**

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

All impellers used by TECHNOSUB are balanced with extreme precision to reduce overall vibrations, allowing smooth operation.

Since more than 30 years, Technosub specialize in the production and distribution of industrial pumps, engineered dewatering solutions and water management. Do not hesitate to contact us for any information on our products and services.



# 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.

## TURN KEY PROJECT



PUMP HOUSE



VT PUMP



TECHNOSUB TEAM ON SITE

## IN ADDITION TO THE TECHNOJET VT PUMPS, 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 foundation designs

# ARE YOU SUCCESS READY ?

ENTER THE CYCLE OF SUCCESS



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