

NORDIC GEO SUPPORT

Dewatering Pumps

FOR
MINING, TUNNELLING & CONSTRUCTION



solidpump

Dewatering Solutions Page



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NORDIC GEO SUPPORT offers a comprehensive range of water management and dewatering/pumping solutions to mining, drilling, tunnelling, energy, construction and geotechnical applications. Working with leading certified suppliers in combination with experienced manufacturers that are employing leading edge design and innovative production facilities, we offer high quality, high performance solutions to your project challenges.

Nordic Geo Support Product Offer

Drilling Consumables

High Performance rock drilling tools and consumables:

- DTH Hammers
- Bits
- Shanks
- Rods
- Drill Pipes
- Adapters
- Augers, Accessories

Injection Grouts

Leading edge resin injection technology for demanding cases:

- Water Stopping
- Sealing
- Ground Consolidation
- Ground Stabilisation
- Construction and structural repairs

Anchoring & Bolting Grouts

Grouting technologies offering ease of use, clean and fast setting:

- Capsules
- Cartridges
- Pumpable grouts
- Additives

Anchoring & Bolting

A broad range of rock bolting and anchoring technologies:

- Double and single coated protected steel
- Steel Self Drilling Anchors
- GFRP bolrs of all types
- Standard bolts and meshes

Cement-Based Additives

Cement based admixtures and additives:

- Concrete Repair
- Admixtures
- Modifiers
- Waterproofing
- Joint Sealants

Pumps & Accessories

Cement and resin mixing and pumping technologies:

- Cement Pumps
- Resin Pumps
- Transfer systems
- Dataloggers
- Hoses, lances, packers

Water control

Waterproofing, drainage and pumping:

- TunnelDrain innovative strip drainage system
- Drainage pipes
- Waterproofing grouts, additives and sealants
- A broad range of dewatering pumps

Ventilation

Air quality, ventilation and safety solutions:

- Ventilation bags and systems, including Mecanica's rigid ducts
- Fans & inline coolers
- Water atomisers

Re-usable Hangers

Developed in the Nordics, fast, easy to use & reuse:

- Services Hooks for ventilation systems, water and pneumatic lines, electrical cables and distribution boards
- Blasting hooks

Other products

A range of other products:

- Coatings & sealants
- Personal protective products
- Mining accessories

Water Management Systems

Nordic Geo Support offers a range of products to control water in tunnel and mine and construction projects:

- **Engineered Water cleaning and pumping systems:**

- High Pressure multistage pumps
- Turbine pump technology
- Centrifugal pumps technology
- Open pit and shaft dewatering systems
- Corrosive water transfer
- Water cleaning systems

- **DTDS Drainage System – reducing project footprints .**

- Comprehensive drainage – an alternative to strip drains
- Quick and easy to apply
- A complementary product to systematic pre-grouting
- Permits sprayed concrete to bond continuously to the rock or previous concrete layers
- No risk of differential shrinkage cracking as seen with strip drains
- Compatible with Spray Applied Waterproofing Membranes
- Tunnel Drain can be embedded in the regulating layer which is

normally sprayed before applying the membrane

- This can serve as temporary drainage so the tunnel is dry enough to apply the membrane
- Additional permanent drainage behind the membrane for a more robust waterproofing solution
- Easy maintenance Scan to detect any blockages & then remove during maintenance
- Underground spaces, mining, tunnels, basements and more

- **Injection Grout Technologies**

- Nordic Geo Support offers specialist high-performance cement and resin and grouting solutions.
- Our cutting-edge technology in resin-based solutions place our customers at the forefront of sustainable bolting, sealing, consolidation and stabilisation of rock and soils.
- Our expertise in design and application as well as our understanding of the total solution from drilling to grouting and capital equipment means we offer the complete system to our customers.
- Ground water and drinking water certified



Dewatering Pumps

Nordic Geo Support offer of leading edge Solidpump products are manufactured with the use of high-tech materials and have the advantage of know-how and the technical competence applied to achieve the lowest LCC (Life Cycle Costs) together with extended operational life and efficiency. We perform close quality control and provide engineering services for the clients, starting from the consulting during the choice of the best unit, up to the after-sales service support. The range of submersible pumps are applicable in, but not limited to applications in general drainage, construction, mining and industrial sites, wastewater treatment, sludge and sand removal.

| Market Segments | Pump Type | TBZ | TBZE | TBD | TPDE | TBS | TTZ | MH | TSM | TS |
|--|----------------------------|---|---|---|---|---|---|---|---|---|
| | Typical Applications |  |  |  |  |  |  |  |  |  |
| Heavy Construction Tunnels, Dams, Shafts | Slurry | - | - | XXX | XXX | XXX | XXX | - | XX | XXX |
| | Sands | - | - | XXX | XXX | XXX | XXX | - | XX | XXX |
| | Gravels | - | - | XX | XX | XXX | XX | - | X | X |
| | Deep Well | - | - | - | - | - | - | XXX | X | - |
| | General Use | XXX | XXX | XXX | XXX | XX | XXX | XXX | XX | XXX |
| Mining | Open Pit | | | XX | XX | XXX | XX | XX | - | X |
| | Quarries | XX | XX | XXX | XXX | XXX | XXX | XX | X | XX |
| | Underground | XX | XX | XX | XX | XXX | XX | XX | X | XXX |
| | Tailings / Dams | X | X | XX | XX | XXX | XX | - | X | XXX |
| | Deep Well | - | - | - | - | - | - | XXX | - | - |
| Drilling | Bentonite | - | - | XXX | XXX | X | X | - | - | XXX |
| | Dewatering | XXX | XXX | XXX | XXX | XXX | XXX | XX | XX | X |
| | Other | XX | XX | XX | XX | XX | XX | - | XX | X |
| Building Construction | Pits | XX | XX | XXX | XXX | XXX | XXX | XXX | XXX | XXX |
| | Slurry | - | - | XXX | XXX | XXX | XXX | - | XXX | XXX |
| | Sands | - | - | XXX | XXX | XXX | XXX | - | XXX | XXX |
| | General Use | XXX | XXX | XX | XX | XX | XX | - | X | X |
| | Deep Well | - | - | - | - | - | - | XXX | - | - |
| Restoration and Repair | Drainage | XXX | XXX | XX | XX | XX | XX | XXX | XX | XX |
| | Contaminated Water | - | - | XX | XX | XX | XX | - | XXX | XXX |
| | Industry | XX | XX | XX | XX | XX | XX | XXX | XXX | XXX |
| | Sedimentation Tanks | - | - | XXX | XXX | XXX | XXX | - | XXX | XXX |
| | Wastewater Treatment Plant | - | - | XXX | XXX | XXX | XXX | - | XXX | XXX |
| | Basements | XX | XX | X | X | XX | XX | XX | XX | XX |

Legend:

- X Limited Functionality
- XX Suitable Functionality
- XXX Best Functionality
- Not Recommended

TBZ-Series – Submersible Dewatering Pump



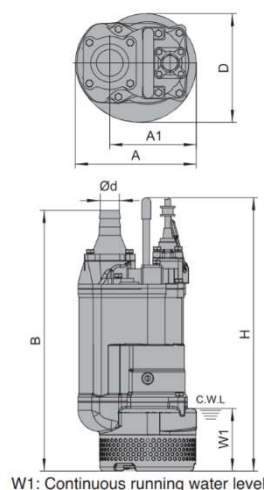
TBZ-series robust pumps are best suited for draining in civil engineering but can be also used for general pumping purposes. Motor and pump casing is made of rigid cast iron for long-lasting durability. Maximum submersion depth is greatly increased due to mechanical seal resistant to high pressure. Semi-open impeller made of high chrome alloy in combination with wear plate (ductile iron) achieves superior durability. Effective motor cooling due to execution of discharge channel integrated into the motor housing. Space saving design due to a top outlet. Discharge outlet from 50mm to 150mm,

Motor from 1,5 kW to 15 kW. Hermetically sealed motors below 15 kW are equipped with build-in thermal protection.

Typical applications:

- Mining
- Construction sites
- Tunnelling projects
- Industrial sites
- Drainage
- Contaminated water management
- Other general dewatering applications

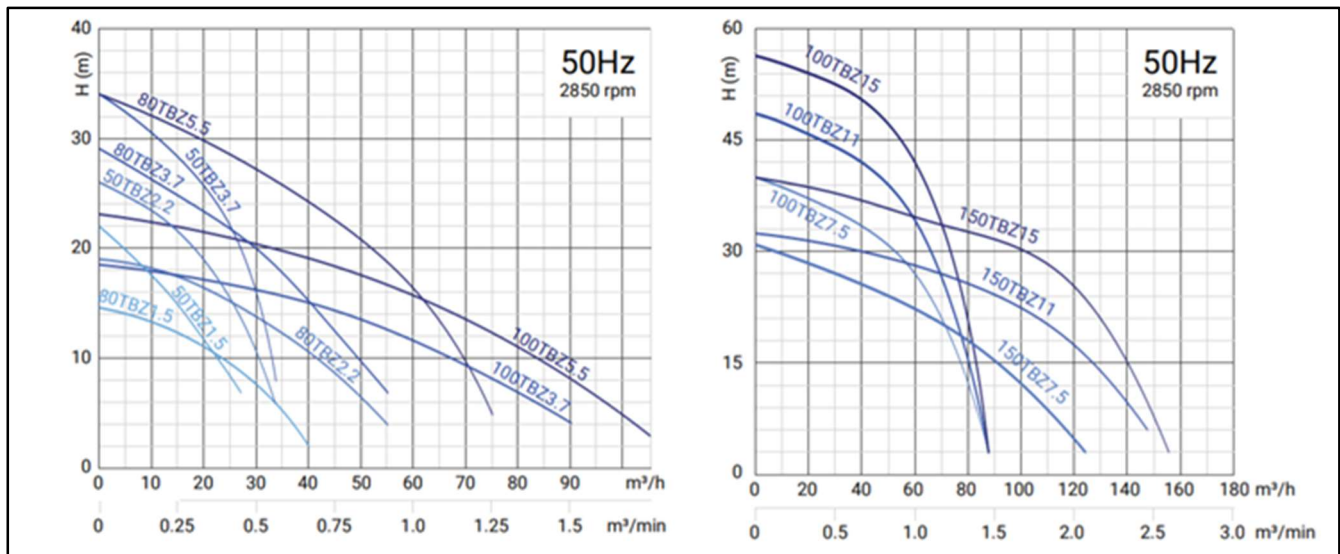
| Technical Information | TBZ |
|-----------------------|-----------------------------|
| Capacity | Up to 160 m ³ /h |
| Head Lift | Up to 57 meters |
| Power Rating | 1.5 to 15 kW |
| Power Supply | 400/415V, 3 phases, 50Hz |
| Insulation Class | F |
| Protection Class | IP68 |
| Cable Length | 8 meters |
| Water Temperature | Up to 40°C |
| Maximum Water Depth | 25 meters |



| Dimensions and Weights | | | | | | | | | | |
|------------------------|--------|--------|---------|--------|--------|--------|---------|------------------|-------------------|-------------------------|
| Model (50Hz) | D (mm) | A (mm) | A1 (mm) | B (mm) | D (mm) | H (mm) | W1 (mm) | Nett Weight (Kg) | Gross Weight (Kg) | Packing Dimensions (mm) |
| 50TBZ1.5 | 50 | 235 | 173 | 535 | 216 | 505 | 120 | 36 | 40 | 610x265x265 |
| 80TBZ1.5 | 80 | 235 | 173 | 535 | 216 | 505 | 120 | 36 | 40 | 610x265x265 |
| 50TBZ2.2 | 50 | 235 | 173 | 535 | 216 | 505 | 120 | 39 | 43 | 610x265x265 |
| 80TBZ2.2 | 80 | 235 | 173 | 535 | 216 | 505 | 120 | 39 | 43 | 610x265x265 |
| 50TBZ3.7 | 50 | 283 | 208 | 628 | 252 | 629 | 150 | 63 | 68 | 710x320x295 |
| 80TBZ3.7 | 80 | 283 | 208 | 628 | 252 | 629 | 150 | 63 | 68 | 710x320x295 |
| 100TBZ3.7 | 100 | 283 | 208 | 642 | 252 | 629 | 150 | 63 | 68 | 710x320x295 |
| 80TBZ5.5 | 80 | 283 | 208 | 671 | 252 | 590 | 150 | 77 | 84 | 750x350x360 |
| 100TBZ5.5 | 100 | 283 | 208 | 686 | 252 | 590 | 150 | 77 | 84 | 750x350x360 |
| 100TBZ7.5 | 100 | 330 | 240 | 764 | 314 | 676 | 190 | 106 | 116 | 835x365x385 |
| 150TBZ7.5 | 150 | 330 | 240 | 790 | 314 | 676 | 190 | 108 | 119 | 865x365x385 |
| 100TBZ11 | 100 | 373 | 255 | 807 | 350 | 695 | 190 | 136 | 148 | 885x415x435 |
| 150TBZ11 | 150 | 373 | 255 | 807 | 350 | 695 | 190 | 139 | 150 | 885x415x435 |
| 100TBZ15 | 100 | 373 | 255 | 842 | 350 | 755 | 190 | 144 | 158 | 935x415x435 |
| 150TBZ15 | 150 | 373 | 255 | 842 | 350 | 755 | 190 | 146 | 160 | 935x415x435 |

TBZ-Series – Submersible Dewatering Pump (Cont.)

Performance Curves and Range Data



| Performance Data | | | | | | | | | | | |
|------------------|-------------|-------------|-----|------------------|----------------|--------|--------------|--------------|--------|------------|---------------------|
| Model (50Hz) | Outlet (mm) | Motor Power | | Current (400V) A | Rated Capacity | | Rated Head m | Max Capacity | | Max Head m | Impellor Passage mm |
| | | kW | HP | | m³/h | m³/min | | m³/h | m³/min | | |
| 50TBZ1.5 | 50 | 1.5 | 2 | 3.5 | 15 | 0.25 | 15 | 27 | 0.45 | 22 | 8.5 |
| 80TBZ1.5 | 80 | 1.5 | 2 | 3.5 | 30 | 0.50 | 8 | 40 | 0.67 | 14.5 | 8.5 |
| 50TBZ2.2 | 50 | 2.2 | 3 | 5.0 | 18 | 0.30 | 20 | 33 | 0.55 | 26 | 8.5 |
| 80TBZ2.2 | 80 | 2.2 | 3 | 5.0 | 36 | 0.60 | 11 | 55 | 0.92 | 19 | 8.5 |
| 50TBZ3.7 | 50 | 3.7 | 5 | 7.7 | 12 | 0.20 | 30 | 33 | 0.55 | 34 | 8.5 |
| 80TBZ3.7 | 80 | 3.7 | 5 | 7.7 | 30 | 0.50 | 20 | 55 | 0.92 | 29 | 8.5 |
| 100TBZ3.7 | 100 | 3.7 | 5 | 7.7 | 60 | 1.00 | 11.5 | 90 | 1.50 | 18.5 | 8.5 |
| 80TBZ5.5 | 80 | 5.5 | 7.5 | 11.4 | 36 | 0.60 | 25 | 75 | 1.25 | 34 | 8.5 |
| 100TBZ5.5 | 100 | 5.5 | 7.5 | 11.4 | 60 | 1.00 | 16 | 105 | 1.75 | 23 | 8.5 |
| 100TBZ7.5 | 100 | 7.5 | 10 | 15 | 48 | 0.80 | 30 | 84 | 1.40 | 40 | 11.5 |
| 150TBZ7.5 | 150 | 7.5 | 10 | 15 | 90 | 1.60 | 15 | 124.8 | 2.08 | 31 | 19.5 |
| 100TBZ11 | 100 | 11 | 15 | 22 | 60 | 1.00 | 35 | 84 | 1.40 | 48.5 | 11.5 |
| 150TBZ11 | 150 | 11 | 15 | 22 | 102 | 1.70 | 22 | 147 | 2.45 | 32 | 19.5 |
| 100TBZ15 | 100 | 15 | 20 | 29.5 | 60 | 1.00 | 42 | 84 | 1.40 | 56 | 11.5 |
| 150TBZ15 | 150 | 15 | 20 | 29.5 | 102 | 1.70 | 30 | 156 | 2.60 | 40 | 19.5 |



TBZE-Series – Automatic Submersible Dewatering Pump

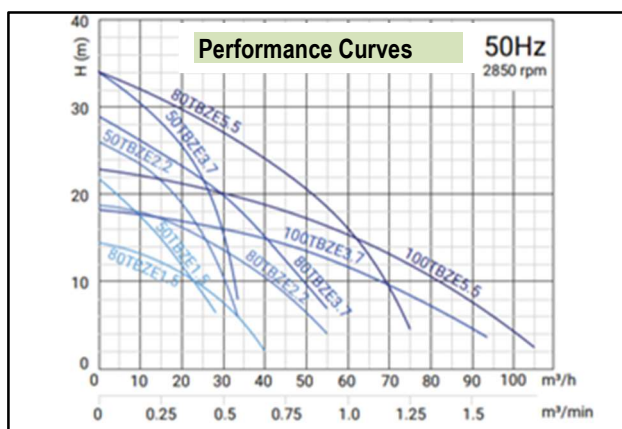


TBZE-series robust pumps are best suited for draining in operations requiring automatic stop applications. Motor and pump casing is made of rigid cast iron for long-lasting durability. Maximum submersion depth is greatly increased due to mechanical seal resistant to high pressure. Semi-open impeller made of high chrome alloy in combination with wear plate (ductile iron) achieves superior durability. Effective motor cooling due to execution of discharge channel integrated into the motor housing. Space saving design due to a top outlet. Discharge outlet from 50mm to 100mm, Motor from 1,5kW to 5,5kW. TBZE series pumps operate automatically with the help of built-in intelligent control system. This system helps the end-user to achieve electricity cost reduction at the construction or industrial site.

Key Features of the TBZE Intelligent control system:

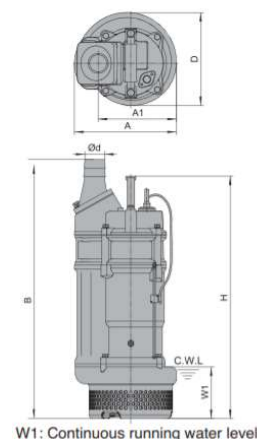
- Protects against open phase or impeller jam, thus prevents accidental damage
- Protects against reverse phase, ensuring correct impeller rotation
- Automatically stops the pump in case of overload, abnormal voltage with the recovery after 5 minutes
- The pump stops working at high temperature, and will automatically restart after cooling to the specified temperature
- The water level sensor's height is adjustable to control pump operation
- The pump stops working within 60seconds when water level is below the water level probe keeping downtime for 180 seconds, after the 180 seconds, meanwhile the water level is above the water level sensor, the pump works again
- Rapid assessment of the pump's operation and malfunction history

| Technical Information | TBZE |
|-----------------------|-----------------------------|
| Capacity | Up to 105 m ³ /h |
| Head Lift | Up to 38 meters |
| Power Rating | 1.5 to 5.5 kW |
| Power Supply | 400/415V, 3 phases, 50Hz |
| Insulation Class | F |
| Protection Class | IP68 |
| Cable Length | 8 meters |
| Water Temperature | Up to 40°C |
| Maximum Water Depth | 25 meters |




| Performance Data | | | | | | | | | | | |
|------------------|-------------|-------------|-----|------------------|-------------------|---------------------|----------------|-------------------|---------------------|--------------|-----------------------|
| Model (50Hz) | Outlet (mm) | Motor Power | | Current (400V) A | Rated Capacity | | Rated Head (m) | Max Capacity | | Max Head (m) | Impellor Passage (mm) |
| | | kW | HP | | m ³ /h | m ³ /min | | m ³ /h | m ³ /min | | |
| 50TBZE1.5 | 50 | 1.5 | 2 | 3.5 | 15 | 0.25 | 15 | 27 | 0.45 | 22 | 8.5 |
| 80TBZE1.5 | 80 | 1.5 | 2 | 3.5 | 30 | 0.50 | 8 | 40 | 0.67 | 14.5 | 8.5 |
| 50TBZE2.2 | 50 | 2.2 | 3 | 5.0 | 18 | 0.30 | 20 | 33 | 0.55 | 26 | 8.5 |
| 80TBZE2.2 | 80 | 2.2 | 3 | 5.0 | 36 | 0.60 | 11 | 55 | 0.92 | 19 | 8.5 |
| 50TBZE3.7 | 50 | 3.7 | 5 | 7.7 | 12 | 0.20 | 30 | 33 | 0.55 | 34 | 8.5 |
| 80TBZE3.7 | 80 | 3.7 | 5 | 7.7 | 30 | 0.50 | 20 | 55 | 0.92 | 29 | 8.5 |
| 100TBZE3.7 | 100 | 3.7 | 5 | 7.7 | 60 | 1.00 | 11.5 | 90 | 1.50 | 18.5 | 8.5 |
| 80TBZE5.5 | 80 | 5.5 | 7.5 | 11.4 | 36 | 0.60 | 25 | 75 | 1.25 | 34 | 8.5 |
| 100TBZE5.5 | 100 | 5.5 | 7.5 | 11.4 | 60 | 1.00 | 16 | 105 | 1.75 | 23 | 8.5 |

| Dimensions and Weights | | | | | | | | | | |
|------------------------|--------|--------|---------|--------|--------|--------|---------|------------------|-------------------|-------------------------|
| Model (50Hz) | D (mm) | A (mm) | A1 (mm) | B (mm) | D (mm) | H (mm) | W1 (mm) | Nett Weight (Kg) | Gross Weight (Kg) | Packing Dimensions (mm) |
| 50TBZE1.5 | 50 | 235 | 190 | 613 | 216 | 582 | 120 | 41 | 45 | 680x265x265 |
| 80TBZE1.5 | 80 | 235 | 190 | 620 | 216 | 582 | 120 | 41 | 45 | 680x265x265 |
| 50TBZE2.2 | 50 | 235 | 190 | 613 | 216 | 582 | 120 | 44 | 48 | 680x265x265 |
| 80TBZE2.2 | 80 | 235 | 190 | 620 | 216 | 582 | 120 | 44 | 48 | 680x265x265 |
| 50TBZE3.7 | 50 | 283 | 223 | 703 | 252 | 707 | 150 | 71 | 76 | 770x320x295 |
| 80TBZE3.7 | 80 | 283 | 223 | 703 | 252 | 707 | 150 | 71 | 76 | 770x320x295 |
| 100TBZE3.7 | 100 | 283 | 223 | 728 | 252 | 707 | 150 | 72 | 77 | 770x320x295 |
| 80TBZE5.5 | 80 | 283 | 223 | 755 | 252 | 668 | 150 | 85.5 | 92.5 | 840x350x370 |
| 100TBZE5.5 | 100 | 283 | 223 | 780 | 252 | 668 | 150 | 86.5 | 93.5 | 840x350x370 |



TBD – Agitator Pump

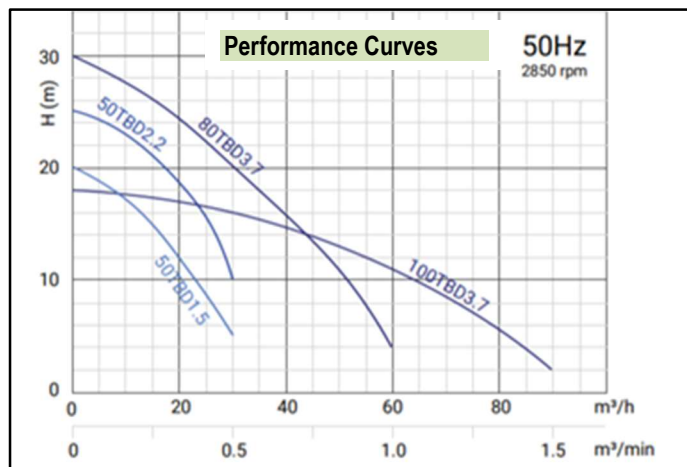


TBD agitator series are heavy-duty slurry / sand pumps using TBZ pumps as a base. TBD pumps are equipped with agitators that assist smooth suction of the pumped media. The side-flow, top-discharge design provides for motor cooling even in case the pump is operated continuously in semi-submerged condition. TBD pumps are suitable for transferring of water with sand, bentonite slurry and are used for slurry drilling, draining of slurry contaminated water in civil engineering works, cleaning of sand pits, etc.

Typical applications:

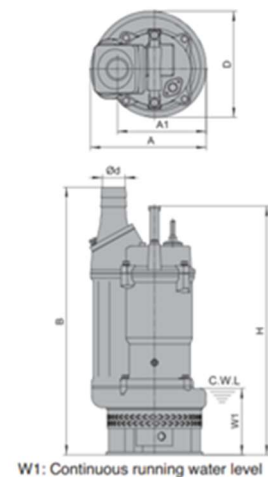
- Sand Pits and Sedimentation Tanks
- Mining and quarries
- Transfer of bentonite slurry and sandy sludge
- Transfer of water containing mud and sand
- Construction sites
- Tunnelling projects
- Industrial sites
- Drainage
- Contaminated water management
- Other general dewatering applications

| Technical Information | TBD |
|-----------------------|----------------------------|
| Capacity | Up to 90 m ³ /h |
| Head Lift | Up to 30 meters |
| Power Rating | 1.5 to 3.7 kW |
| Power Supply | 400/415V, 3 phases, 50Hz |
| Insulation Class | F |
| Protection Class | IP68 |
| Cable Length | 8 meters |
| Water Temperature | Up to 40°C |
| Maximum Water Depth | 25 meters |



| Performance Data | | | | | | | | | | | |
|------------------|-------------|-------------|----|------------------|-------------------|---------------------|----------------|-------------------|---------------------|--------------|-----------------------|
| Model (50Hz) | Outlet (mm) | Motor Power | | Current (400V) A | Rated Capacity | | Rated Head (m) | Max Capacity | | Max Head (m) | Impellor Passage (mm) |
| | | kW | HP | | m ³ /h | m ³ /min | | m ³ /h | m ³ /min | | |
| 50TBD1.5 | 50 | 1.5 | 2 | 3.5 | 15 | 0.25 | 15 | 30 | 0.50 | 20 | 10 |
| 50TBD2.2 | 50 | 2.2 | 3 | 5.0 | 18 | 0.30 | 19 | 30 | 0.50 | 25 | 10 |
| 80TBD3.7 | 80 | 3.7 | 5 | 7.7 | 30 | 0.50 | 20 | 60 | 1.00 | 30 | 10 |
| 100TBD3.7 | 100 | 3.7 | 5 | 7.7 | 60 | 1.00 | 11 | 90 | 1.50 | 18 | 10 |

| Dimensions and Weights | | | | | | | | | | |
|------------------------|--------|--------|---------|--------|--------|--------|---------|------------------|-------------------|-------------------------|
| Model (50Hz) | D (mm) | A (mm) | A1 (mm) | B (mm) | D (mm) | H (mm) | W1 (mm) | Nett Weight (Kg) | Gross Weight (Kg) | Packing Dimensions (mm) |
| 50TBD1.5 | 50 | 235 | 173 | 613 | 557 | 522 | 135 | 37 | 41 | 610X265X265 |
| 50TBD2.2 | 50 | 235 | 173 | 620 | 557 | 522 | 135 | 40 | 44 | 610X265X265 |
| 80TBD3.7 | 80 | 283 | 208 | 613 | 636 | 642 | 165 | 64 | 69 | 710X320X295 |
| 100TBD3.7 | 100 | 283 | 208 | 620 | 661 | 642 | 165 | 65 | 70 | 710X320X295 |



TBDE – Automatic Agitator Pump

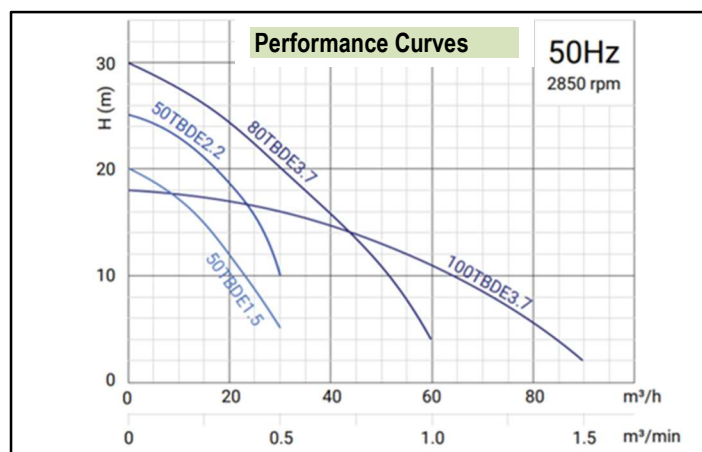


TBDE agitator series are heavy-duty slurry / sand pumps using TBZ pumps as a base. TBDE pumps are equipped with agitators that assist smooth suction of the pumped media. The side-flow, top-discharge design provides for motor cooling even in case the pump is operated continuously in semi-submerged condition. TBDE pumps are suitable for transferring of water with sand, bentonite slurry and are used for slurry drilling, draining of slurry contaminated water in civil engineering works, cleaning of sand pits, etc. The TBDE series pumps operate automatically with the help of built-in intelligent control system. This system helps the end-user to achieve electricity cost reduction at the construction or industrial site.

Key Features of the TBDE Intelligent control system: Protects against reverse phase, ensuring correct impeller rotation

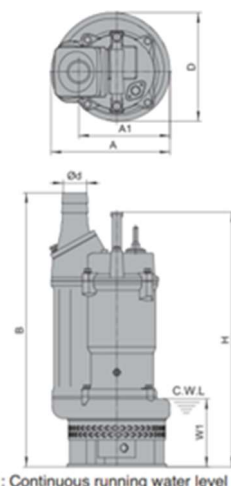
- Protects against open phase or impeller jam, thus prevents accidental damage
- Automatically stops the pump in case of overload, abnormal voltage with the recovery after 5 minutes
- The pump stops working at high temperature, and will automatically restart after cooling to the specified temperature
- The water level sensor's height is adjustable to control pump operation
- The pump stops working within 60seconds when water level is below the water level probe keeping downtime for 180 seconds, after the 180 seconds, meanwhile the water level is above the water level sensor, the pump works again
- Rapid assessment of the pump's operation and malfunction history

| Technical Information | TBDE |
|-----------------------|----------------------------|
| Capacity | Up to 90 m ³ /h |
| Head Lift | Up to 30 meters |
| Power Rating | 1.5 to 3.7 kW |
| Power Supply | 400/415V, 3 phases, 50Hz |
| Insulation Class | F |
| Protection Class | IP68 |
| Cable Length | 8 meters |
| Water Temperature | Up to 40°C |
| Maximum Water Depth | 25 meters |



| Performance Data | | | | | | | | | | | |
|------------------|-------------|-------------|----|------------------|-------------------|---------------------|--------------|-------------------|---------------------|------------|---------------------|
| Model (50Hz) | Outlet (mm) | Motor Power | | Current (400V) A | Rated Capacity | | Rated Head m | Max Capacity | | Max Head m | Impellor Passage mm |
| | | kW | HP | | m ³ /h | m ³ /min | | m ³ /h | m ³ /min | | |
| 50TBDE1.5 | 50 | 1.5 | 2 | 3.5 | 15 | 0.25 | 15 | 30 | 0.50 | 20 | 10 |
| 50TBDE2.2 | 50 | 2.2 | 3 | 5.0 | 18 | 0.30 | 19 | 30 | 0.50 | 25 | 10 |
| 80TBDE3.7 | 80 | 3.7 | 5 | 7.7 | 30 | 0.50 | 20 | 60 | 1.00 | 30 | 10 |
| 100TBDE3.7 | 100 | 3.7 | 5 | 7.7 | 60 | 1.00 | 11 | 90 | 1.50 | 18 | 10 |

| Dimensions and Weights | | | | | | | | | | |
|------------------------|--------|--------|---------|--------|--------|--------|---------|------------------|-------------------|-------------------------|
| Model (50Hz) | D (mm) | A (mm) | A1 (mm) | B (mm) | D (mm) | H (mm) | W1 (mm) | Nett Weight (Kg) | Gross Weight (Kg) | Packing Dimensions (mm) |
| 50TBDE1.5 | 50 | 235 | 173 | 629 | 216 | 594 | 135 | 43 | 47 | 680X265X265 |
| 50TBDE2.2 | 50 | 235 | 173 | 629 | 216 | 594 | 135 | 46 | 50 | 680X265X265 |
| 80TBDE3.7 | 80 | 283 | 208 | 714 | 252 | 720 | 165 | 72 | 77 | 770X320X295 |
| 100TBDE3.7 | 100 | 283 | 208 | 739 | 252 | 720 | 165 | 73 | 78 | 770X320X295 |



TBS – Sand/Slurry Agitator Pump

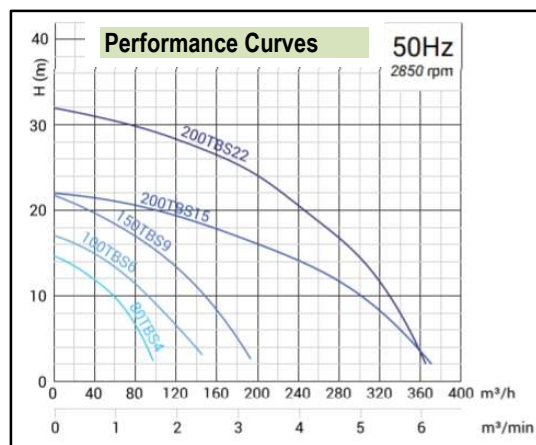


Heavy duty, higher capacity TBS-series sand / slurry pumps with 4-pole motor ensure reliable operation and extended working period under rough conditions. TBS pumps equipped with high-chrome alloy impeller combined with agitator are suitable for transferring of water with sand and slurry and are used in mining, construction and municipal wastewater treatment applications for cleaning of sand pits, bottom deepening, pumping of water containing great amount of slurry, sand and abrasive particles. Discharge 80mm to 200mm.

Typical applications:

- Sand Pits and Sedimentation Tanks
- Mining and quarries
- Transfer of bentonite slurry and sandy sludge
- Transfer of water containing mud, sand and abrasive materials
- Construction sites
- Tunnelling projects
- Industrial sites
- Bottom Deepening
- Tailings dams and ponds

| Technical Information | TBS |
|-----------------------|-----------------------------|
| Capacity | Up to 372 m ³ /h |
| Head Lift | Up to 32 meters |
| Power Rating | 4 to 22 kW |
| Power Supply | 380V ±10%, 3 phases, 50Hz |
| Insulation Class | F |
| Protection Class | IP68 |
| Cable Length | 8 meters |
| Water Temperature | Up to 40°C |
| Maximum Water Depth | 15 meters |

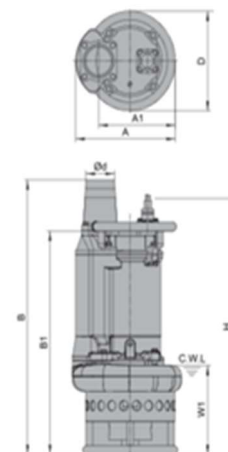


Performance Data

| Model (50Hz) | Outlet | | Motor Power | | Starter | Current (400V) | | Rated Capacity | | Rated Head | Max Capacity | | Max Head | Impellor Passage |
|--------------|--------|------|-------------|------------|---------|----------------|-------------------|---------------------|-----|------------|-------------------|---------------------|----------|------------------|
| | (mm) | (mm) | kW | HP | | A | m ³ /h | m ³ /min | m | | m ³ /h | m ³ /min | | |
| 80TBS4 | 80 | 4 | 5.5 | D.O.L. | 10.2 | 60 | 1.00 | 10 | 99 | 1.65 | 14.8 | 30 | | |
| 100TBS6 | 100 | 6 | 38 | D.O.L. | 13.8 | 90 | 1.50 | 10 | 144 | 2.40 | 16.9 | 30 | | |
| 150TBS9 | 150 | 9 | 512 | D.O.L. | 19.5 | 100 | 1.67 | 15 | 192 | 3.20 | 21.5 | 30 | | |
| 200TBS15 | 200 | 20 | 520 | D.O.L. | 30.1 | 200 | 3.33 | 16 | 372 | 6.20 | 22 | 30 | | |
| 200TBS22 | 200 | 30 | 20 | Star/Delta | 42 | 200 | 3.33 | 24 | 360 | 6.00 | 32 | 30 | | |

Dimensions and Weights

| Model (50Hz) | D (mm) | A (mm) | A1 (mm) | B (mm) | B1 (mm) | D (mm) | H (mm) | W1 (mm) | Nett Weight (Kg) | Gross Weight (Kg) | Packing Dimensions (mm) |
|--------------|--------|--------|---------|--------|---------|--------|--------|---------|------------------|-------------------|-------------------------|
| 80TBS4 | 80 | 350 | 260 | 816 | 678 | 326 | 730 | 250 | 108.5 | 119 | 885x385x395 |
| 100TBS6 | 100 | 415 | 305 | 844 | 682 | 373 | 730 | 250 | 141 | 151 | 470x410x985 |
| 150TBS9 | 150 | 434 | 324 | 889 | 727 | 407 | 776 | 250 | 171 | 183 | 470x470x1045 |
| 200TBS15 | 200 | 484 | 352 | 1121 | 889 | 457 | 980 | 295 | 260 | 278 | 540x500x1220 |
| 200TBS22 | 200 | 578 | 442 | 1245 | 1015 | 528 | 1200 | 330 | 408 | 434 | 740x570x1460 |



W1: Continuous running water level

TTZ – Submersible Agitator Pump

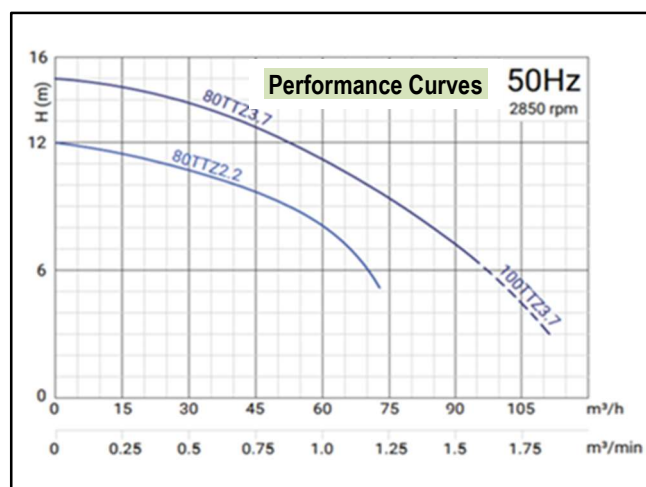


TTZ-series agitator pumps handle smooth passage of slime and sandy sludge. TTZ pumps feature 4-pole motor, high-chrome alloy impeller combined with agitator, which ensure reliable operation and extended working period. Discharge sizes 80 to 100mm.

Typical applications:

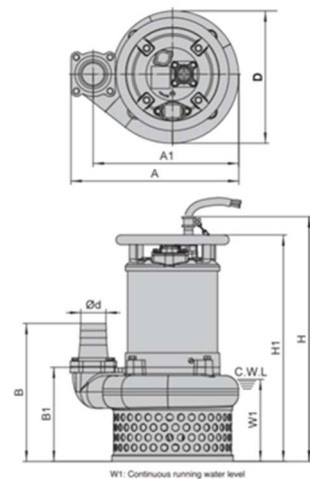
- Sand Pits and Sedimentation Tanks
- Mining and quarries
- Transfer of bentonite slurry and sandy sludge
- Transfer of water containing mud and sand
- Construction sites
- Tunnelling projects
- Industrial sites
- Drainage
- Other general dewatering applications

| Technical Information | TTZ |
|-----------------------|-----------------------------|
| Capacity | Up to 114 m ³ /h |
| Head Lift | Up to 15 meters |
| Power Rating | 2.2 to 3.7 kW |
| Power Supply | 400/415V, 3 phases, 50Hz |
| Insulation Class | F |
| Protection Class | IP68 |
| Cable Length | 8 meters |
| Water Temperature | Up to 40°C |
| Maximum Water Depth | 20 meters |




| Performance Data | | | | | | | | | | | |
|------------------|-------------|-------------|----|------------------|-------------------|---------------------|----------------|-------------------|---------------------|--------------|-----------------------|
| Model (50Hz) | Outlet (mm) | Motor Power | | Current (400V) A | Rated Capacity | | Rated Head (m) | Max Capacity | | Max Head (m) | Impellor Passage (mm) |
| | | kW | HP | | m ³ /h | m ³ /min | | m ³ /h | m ³ /min | | |
| 80TTZ2.2 | 80 | 2.2 | 3 | 5.5 | 36 | 0.6 | 10 | 72 | 1.2 | 12 | 20 |
| 80TTZ3.7 | 80 | 3.7 | 5 | 8.1 | 8.1 | 0.6 | 13.5 | 86.4 | 1.44 | 15 | 20 |
| 100TTZ3.7 | 100 | 3.7 | 5 | 8.1 | 8.1 | 1.0 | 111 | 114 | 1.9 | 15 | 20 |

| Dimensions and Weights | | | | | | | | | | | |
|------------------------|--------|--------|---------|--------|---------|--------|--------|---------|------------------|-------------------|-------------------------|
| Model (50Hz) | D (mm) | A (mm) | A1 (mm) | B (mm) | B1 (mm) | D (mm) | H (mm) | W1 (mm) | Nett Weight (Kg) | Gross Weight (Kg) | Packing Dimensions (mm) |
| 80TTZ2.2 | 80 | 469 | 408 | 378 | 257 | 371 | 685 | 230 | 92 | 99 | 765x405x495 |
| 80TTZ3.7 | 80 | 469 | 408 | 378 | 257 | 371 | 750 | 230 | 108 | 116 | 830x405x405 |
| 100TTZ3.7 | 100 | 469 | 408 | 392 | 257 | 371 | 750 | 230 | 108 | 116 | 830x405x405 |



MH-Series – High Head Dewatering Pump (22 to 45 kW)

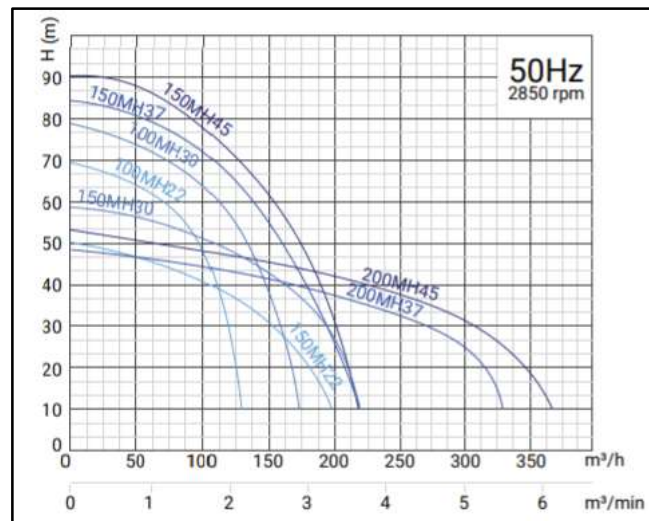


MH-series submersible pumps with a strong construction are designed to withstand the high pressure during deep well dewatering. Motor and pump casing is made of rigid cast iron for long-lasting durability. Maximum submersion depth is greatly increased due to special mechanical seal resistant to high pressure. Motor is cooled by the pumped water for safe operation even in case the pump is operated continuously in semi-submerged condition. Space saving design due to a top outlet. Discharge from 100mm to 200mm, motor 22kW to 45kW. Pumps are equipped with dry type submersible induction motors (2 poles)

Typical applications:

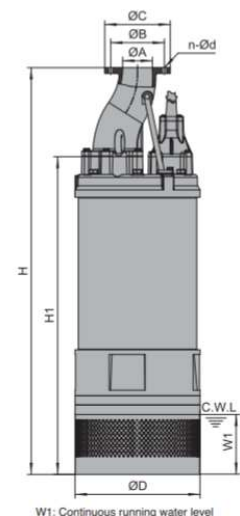
- Deep well and high head applications
- Mining and quarries
- Construction sites
- Tunnelling projects
- Industrial sites
- Drainage
- Contaminated water
- Other general dewatering applications

| Technical Information | MH Series 22 to 45kW |
|-----------------------|-----------------------------|
| Capacity | Up to 372 m ³ /h |
| Head Lift | Up to 90 meters |
| Power Rating | 22 to 45 kW |
| Power Supply | 400/415V, 3 phases, 50Hz |
| Insulation Class | F |
| Protection Class | IP68 |
| Cable Length | 20 meters |
| Water Temperature | Up to 40°C |
| Maximum Water Depth | 30 meters |



| Performance Data | | | | | | | | | | | |
|------------------|-------------|-------------|----|------------------|-------------------|---------------------|----------------|-------------------|---------------------|--------------|-----------------------|
| Model (50Hz) | Outlet (mm) | Motor Power | | Current (400V) A | Rated Capacity | | Rated Head (m) | Max Capacity | | Max Head (m) | Impeller Passage (mm) |
| | | kW | HP | | m ³ /h | m ³ /min | | m ³ /h | m ³ /min | | |
| 100MH22 | 100 | 22 | 30 | 41.5 | 66 | 1.1 | 60 | 130 | 2.17 | 68 | 6 |
| 100MH30 | 100 | 30 | 40 | 54 | 72 | 1.2 | 70 | 170 | 2.83 | 78 | 6 |
| 150MH22 | 150 | 22 | 30 | 41.5 | 120 | 2.0 | 37 | 200 | 3.33 | 50 | 15 |
| 150MH30 | 150 | 30 | 40 | 54 | 140 | 2.33 | 45 | 220 | 3.37 | 58 | 15 |
| 150MH37 | 150 | 37 | 50 | 66 | 60 | 1.0 | 80 | 220 | 3.67 | 83 | 6 |
| 150MH45 | 150 | 45 | 60 | 80 | 80 | 1.4 | 80 | 220 | 3.67 | 90 | 6 |
| 200MH37 | 200 | 37 | 50 | 66 | 66 | 3.6 | 35 | 330 | 5.5 | 48 | 20 |
| 200MH45 | 200 | 45 | 60 | 80 | 80 | 4.5 | 35 | 372 | 6.2 | 53 | 20 |

| Dimensions and Weights | | | | | | | | | | | |
|------------------------|--------|--------|--------|-----------|--------|--------|---------|---------|------------------|-------------------|-------------------------|
| Model (50Hz) | A (mm) | B (mm) | C (mm) | n-Ød (mm) | D (mm) | H (mm) | H1 (mm) | W1 (mm) | Nett Weight (Kg) | Gross Weight (Kg) | Packing Dimensions (mm) |
| 100MH22 | 100 | 180 | 220 | 8-Ø17.5 | 420 | 1374 | 1072 | 240 | 370 | 410 | 620x740x1540 |
| 100MH30 | 100 | 180 | 220 | 8-Ø17.5 | 420 | 1374 | 1072 | 240 | 375 | 415 | 620x740x1540 |
| 150MH22 | 150 | 240 | 285 | 8-Ø22 | 420 | 1434 | 1082 | 250 | 385 | 425 | 620x740x1600 |
| 150MH30 | 150 | 240 | 285 | 8-Ø22 | 420 | 1434 | 1082 | 250 | 390 | 430 | 620x740x1600 |
| 150MH37 | 150 | 240 | 285 | 8-Ø22 | 530 | 1424 | 1072 | 180 | 570 | 615 | 680x740x1650 |
| 150MH45 | 150 | 240 | 285 | 8-Ø22 | 530 | 1424 | 1072 | 180 | 575 | 620 | 680x740x1700 |
| 200MH37 | 200 | 295 | 340 | 12-Ø22 | 530 | 1474 | 1072 | 180 | 575 | 625 | 680x740x1700 |
| 200MH45 | 200 | 295 | 340 | 12-Ø22 | 530 | 1474 | 1072 | 180 | 580 | 630 | 680x740x1700 |



MH-Series – High Head Dewatering Pump (55 to 110 kW)

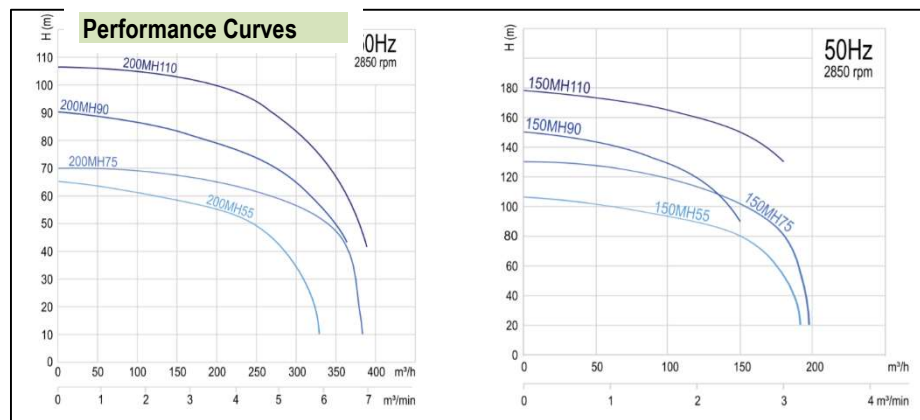


MH-series submersible pumps with a strong construction are designed to withstand the high pressure during deep well dewatering. Motor and pump casing is made of rigid cast iron for long-lasting durability. Maximum submersion depth is greatly increased due to special mechanical seal resistant to high pressure. Motor is cooled by the pumped water for safe operation even in case the pump is operated continuously in semi-submerged condition. Space saving design due to a top outlet. Discharge from 150mm to 200mm, motor 55kW to 75kW. Pumps are equipped with dry type submersible induction motors (2 poles)

Typical applications:

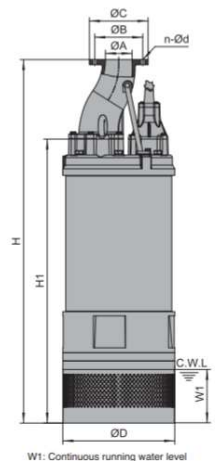
- Deep well and high head applications
- Mining and quarries
- Construction sites
- Tunnelling projects
- Industrial sites
- Drainage
- Contaminated water
- Other general dewatering applications

| Technical Information | MH Series 55 to 110kW |
|-----------------------|-----------------------------|
| Capacity | Up to 408 m ³ /h |
| Head Lift | Up to 184 meters |
| Power Rating | 55 to 110 kW |
| Power Supply | 400/415V, 3 phases, 50Hz |
| Insulation Class | F |
| Protection Class | IP68 |
| Cable Length | 20 meters |
| Water Temperature | Up to 40°C |
| Maximum Water Depth | 20 meters |



| Performance Data | | | | | | | | | | | |
|------------------|--------|-------------|-----|----------------|-------------------|---------------------|------------|-------------------|---------------------|----------|------------------|
| Model (50Hz) | Outlet | Motor Power | | Current (400V) | Rated Capacity | | Rated Head | Max Capacity | | Max Head | Impeller Passage |
| | (mm) | kW | HP | | m ³ /h | m ³ /min | | m ³ /h | m ³ /min | | |
| 150MH55 | 150 | 55 | 75 | 98 | 90 | 1.5 | 95 | 192 | 3.2 | 105 | 8 |
| 150MH75 | 150 | 75 | 100 | 132 | 90 | 1.5 | 120 | 198 | 3.3 | 130 | 8 |
| 150MH90 | 150 | 90 | 120 | 162 | 120 | 2.0 | 120 | 150 | 2.5 | 155 | 10 |
| 150MH110 | 150 | 110 | 150 | 198 | 120 | 2.0 | 150 | 180 | 3.0 | 177 | 10 |
| 200MH55 | 200 | 55 | 98 | 98 | 240 | 4.0 | 50 | 330 | 5.5 | 65 | 20 |
| 200MH75 | 200 | 75 | 100 | 132 | 270 | 4.5 | 60 | 390 | 6.5 | 70 | 20 |
| 200MH90 | 200 | 90 | 120 | 162 | 270 | 4.5 | 70 | 360 | 6.0 | 90 | 20 |
| 200MH110 | 200 | 110 | 150 | 198 | 270 | 4.5 | 90 | 390 | 6.6 | 107 | 20 |

| Dimensions and Weights | | | | | | | | | | | |
|------------------------|--------|--------|--------|-----------|--------|--------|---------|---------|------------------|-------------------|-------------------------|
| Model (50Hz) | A (mm) | B (mm) | C (mm) | n-Ød (mm) | D (mm) | H (mm) | H1 (mm) | W1 (mm) | Nett Weight (Kg) | Gross Weight (Kg) | Packing Dimensions (mm) |
| 150MH55 | 150 | 240 | 285 | 8-Ø22 | 550 | 1630 | 1280 | 200 | 830 | 880 | 1760x620x940 |
| 150MH75 | 150 | 240 | 285 | 8-Ø22 | 550 | 1630 | 1280 | 200 | 830 | 880 | 1760x620x940 |
| 150MH90 | 150 | 250 | 300 | 8-Ø26 | 592 | 1687 | 1282 | 200 | 1100 | 1160 | 1825x665x965 |
| 150MH110 | 150 | 250 | 300 | 8-Ø26 | 592 | 1687 | 1282 | 200 | 1130 | 1190 | 1825x665x965 |
| 200MH55 | 200 | 295 | 340 | 12-Ø22 | 550 | 1680 | 1280 | 200 | 880 | 930 | 1810x620x940 |
| 200MH75 | 200 | 295 | 340 | 12-Ø22 | 550 | 1680 | 1280 | 200 | 880 | 930 | 1810x620x940 |
| 200MH90 | 200 | 295 | 340 | 12-Ø26 | 592 | 1687 | 1282 | 200 | 1120 | 1160 | 1825x665x965 |
| 200MH110 | 200 | 295 | 340 | 12-Ø26 | 592 | 1687 | 1282 | 200 | 1150 | 1210 | 1825x665x965 |



W1: Continuous running water level

TSM – Drainage Pumps for abrasive and corrosive liquids

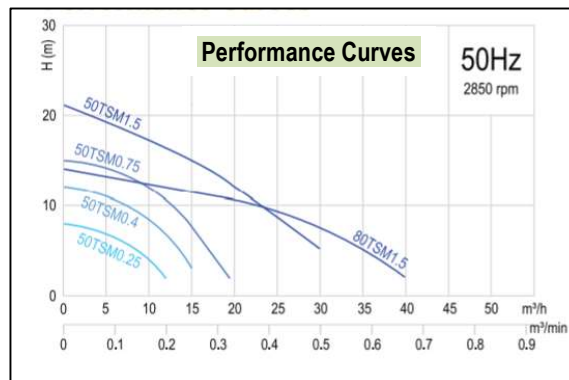


TSM Series from Solidpump are compact, high-performance, durable single-phase submersible pumps used for handling abrasive and/or corrosive liquids at job sites. The pump body and part are cast iron or in stainless steel options with high-chrome alloy or stainless steel. Effective motor cooling due to the integrated discharge channel. Discharge outlet from 50mm to 80mm. Motor sizes range from 0.25kW to 1.5kW. The hermetically sealed motors are also equipped with built-in thermal protection.

Typical applications:

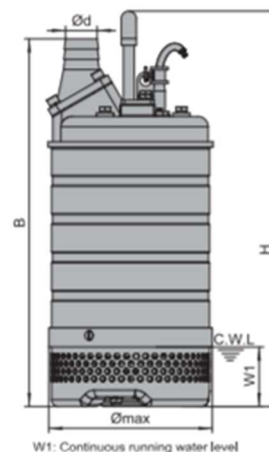
- Contaminated water
- Abrasive substances
- Corrosive liquids
- Pits
- Mud water transfer
- Rainwater transfer

| Technical Information | TSM |
|-----------------------|---|
| Power Supply | 220/240V single phase, 50Hz 0.25kW to 1.5kW |
| Insulation Class | F |
| Protection Class | IP68 |
| Cable Length | 8 meters |
| Water Temperature | Up to 40°C |
| Maximum Water Depth | TSM 0.25 to TSM 0.75kW - 10 meters TSM 1.5kW 25 meters |
| Capacity | Up to 42m ³ /H |
| Head | Up to 21 meters |




| Performance Data | | | | | | | | | | | | |
|------------------|-------------|-------------|------|------------------------------|---------|-------------------|---------------------|----------------|-------------------|---------------------|--------------|-----------------------|
| Model (50Hz) | Outlet (mm) | Motor Power | | Single Phase Voltage/Current | | Rated Capacity | | Rated Head (m) | Max Capacity | | Max Head (m) | Impellor Passage (mm) |
| | | kW | HP | Voltage | Current | m ³ /h | m ³ /min | | m ³ /h | m ³ /min | | |
| 50TSM0.25(F) | 50 | 0.25 | 0.35 | 220/240 | 2 | 6 | 0.1 | 7 | 12 | 0 | 8 | 6 |
| 50TSM0.4(F) | 50 | 0.4 | 0.55 | 220/240 | 3 | 8 | 0.13 | 10 | 14.5 | 0.24 | 12 | 6 |
| 50TSM0.75(F) | 50 | 0.75 | 1 | 220/240 | 5 | 10 | 0.17 | 12 | 19.5 | 0.32 | 15 | 6 |
| 50TSM1.5(F) | 50 | 1.5 | 2 | 220/240 | 10 | 15 | 0.25 | 15 | 30 | 0.5 | 21 | 8.5 |
| 80TSM1.5(F) | 50 | 1.5 | 2 | 220/240 | 10 | 27 | 0.45 | 9 | 42 | 0.7 | 14 | 8.5 |

| Dimensions and Weights | | | | | | | |
|------------------------|--------|--------|---------|------|------------------|-------------------|-------------------------|
| Model (50Hz) | B (mm) | H (mm) | W1 (mm) | Ømax | Nett Weight (Kg) | Gross Weight (Kg) | Packing Dimensions (mm) |
| 50TSM0.25(F) | 342 | 345 | 50 | 184 | 14 | 15 | 385x255x250 |
| 50TSM0.4(F) | 342 | 345 | 50 | 184 | 15 | 16 | 385x255x250 |
| 50TSM0.75(F) | 362 | 365 | 50 | 184 | 17 | 18 | 405x255x250 |
| 50TSM1.5(F) | 560 | 582 | 87 | 240 | 37 | 41 | 660x270x315 |
| 80TSM1.5(F) | 567 | 582 | 87 | 240 | 37 | 41 | 660x270x315 |



TS – Stainless Steel Drainage Pump

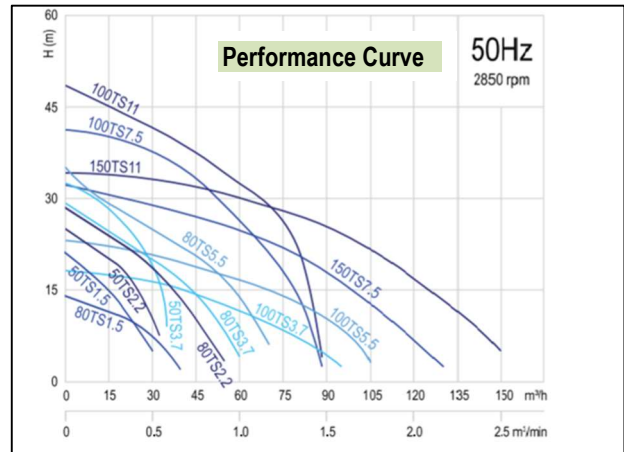


Submersible TS Solidpump series of pumps are used for transfer of chemically aggressive and abrasive liquids at mining and industrial sites.

Typical applications:

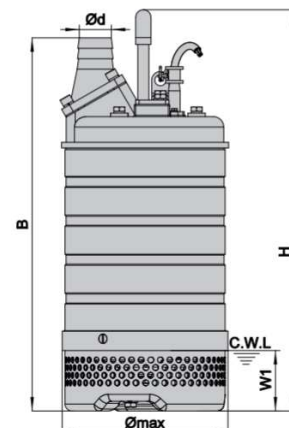
- Industrial sites
- Mining sites
- Drainage of contaminated water
- Transfer of water containing mud and sand
- Wastewater treatment plants

| Technical Information | TS |
|-----------------------|------------------------------|
| Capacity | 150m ³ /h |
| Head | Up to 50 meters |
| Power Supply | 400/415V |
| Power | 1.5kW to 11kW |
| Insulation Class | F |
| Protection Class | IP68 |
| Cable Length | 8 meters |
| Water Temperature | Up to 40°C PH: 6.5 to 8.5 |
| Maximum Water Depth | 25 meters |



| Performance Data | | | | | | | | | | | | |
|------------------|-------------|-------------|-----|-----------------------------|---------|-------------------|---------------------|----------------|-------------------|---------------------|--------------|-----------------------|
| Model (50Hz) | Outlet (mm) | Motor Power | | Three Phase Voltage/Current | | Rated Capacity | | Rated Head (m) | Max Capacity | | Max Head (m) | Impellor Passage (mm) |
| | | kW | HP | Voltage | Current | m ³ /h | m ³ /min | | m ³ /h | m ³ /min | | |
| 50TS1.5 | 50 | 1.5 | 2 | 400 | 3.5 | 15 | 0.25 | 15 | 30 | 0.5 | 21 | 8.5 |
| 80TS1.5 | 80 | 1.5 | 2 | 400 | 3.5 | 27 | 0.45 | 9 | 42 | 0.7 | 14 | 8.5 |
| 50TS2.2 | 50 | 2.2 | 3 | 400 | 5 | 20 | 0.33 | 18 | 32 | 0.53 | 25 | 8.5 |
| 80TS2.2 | 80 | 2.2 | 3 | 400 | 5 | 36 | 0.6 | 11 | 55 | 0.92 | 18.5 | 8.5 |
| 50TS3.7 | 50 | 3.7 | 5 | 400 | 7.7 | 18 | 0.3 | 26 | 36 | 0.6 | 32 | 8.5 |
| 80TS3.7 | 80 | 3.7 | 5 | 400 | 7.7 | 35 | 0.58 | 18.5 | 60 | 1.0 | 29 | 8.5 |
| 100TS3.7 | 100 | 3.7 | 5 | 400 | 7.7 | 60 | 1.0 | 11.5 | 95 | 1.58 | 18 | 8.5 |
| 80TS5.5 | 80 | 5.5 | 7.5 | 400 | 11.4 | 45 | 0.75 | 22 | 72 | 1.2 | 35 | 8.5 |
| 100TS5.5 | 100 | 5.5 | 7.5 | 400 | 11.4 | 60 | 1.0 | 16 | 105 | 1.75 | 23 | 8.5 |
| 100TS7.5 | 100 | 7.5 | 10 | 400 | 15 | 60 | 1.0 | 26 | 88 | 1.47 | 41 | 11.5 |
| 150TS7.5 | 150 | 7.5 | 10 | 400 | 15 | 80 | 1.33 | 20.5 | 130 | 2.17 | 32 | 19.5 |
| 100TS11 | 100 | 11 | 15 | 400 | 22 | 60 | 1.0 | 32 | 86.4 | 1.44 | 48.5 | 11.5 |
| 150TS11 | 150 | 11 | 15 | 400 | 22 | 90 | 1.5 | 25 | 150 | 2.5 | 34 | 19.5 |

| Dimensions and Weights | | | | | | | |
|------------------------|--------|--------|---------|------|------------------|-------------------|-------------------------|
| Model (50Hz) | B (mm) | H (mm) | W1 (mm) | Ømax | Nett Weight (Kg) | Gross Weight (Kg) | Packing Dimensions (mm) |
| 50TS1.5 | 540 | 563 | 87 | 240 | 37 | 41 | 620x270x315 |
| 80TS1.5 | 540 | 563 | 87 | 240 | 37 | 41 | 620x270x315 |
| 50TS2.2 | 590 | 613 | 87 | 240 | 40 | 44 | 620x270x315 |
| 80TS2.2 | 590 | 613 | 87 | 240 | 40 | 44 | 620x270x315 |
| 50TS3.7 | 591 | 515 | 76 | 300 | 56 | 64 | 670x320x345 |
| 80TS3.7 | 616 | 515 | 76 | 300 | 58 | 64 | 670x320x345 |
| 100TS3.7 | 656 | 565 | 76 | 300 | 59 | 65 | 670x320x345 |
| 80TS5.5 | 641 | 565 | 76 | 300 | 66 | 72 | 710x320x345 |
| 100TS5.5 | 681 | 605 | 76 | 300 | 67 | 73 | 710x320x345 |
| 100TS7.5 | 810 | 700 | 142 | 355 | 108 | 120 | 894x394x455 |
| 150TS7.5 | 810 | 700 | 142 | 355 | 110 | 122 | 894x394x455 |
| 100TS11 | 745 | 745 | 142 | 355 | 123 | 135 | 954x394x455 |
| 150TS11 | 745 | 745 | 142 | 355 | 125 | 137 | 954x394x455 |



W1: Continuous running water level



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Web: www.nordicgeosupport.com