

STP3-1500T SUBMERSIBLE PUMP 400 V - THREE-PHASE SITE PUMP

The **STP3-1500T submersible pump** is a 400 volt three-phase pump for dewatering construction sites. A 1.5 kW motor and a 3" outlet move up to 700 litres per minute to a head of 14 metres.

- Rated voltage 400 V / 50 Hz, 3-phase
- Motor power 1.5 kW, rated current 3.7 A
- Max. capacity 700 l/min, head 14 m
- Outlet size 3"
- Stainless steel body, strainer for 8 mm particles
- Protection class IP68, submersion depth 25 m
- Cable length 20 m
- Weight 37 kg, sturdy carrying handle



SKU: 401010022

TECHNICAL ATTRIBUTES

Size of cable entry	3"	Max. upotussyvyys	25 m
Nominal voltage	400V 3~	Nesteen max. lämpötila	40°C
Moottorin teho	1,5 kW	Ylilämpösuoja	Kyllä
Nominal Current	3,7 A	Connecting cable	20 m H07RN-F 4G x 1,5 mm ² / 400V 16A, vaihevaihdin pistotulpalla
Maximum flow rate	700 L/min	Weight	37 kg
Maximum head	14 m	Mitat (K x L)	559 x 240 mm
Max. paine	1,4 bar		
Min. paine	0,2 bar		

Maximum particle size	8 mm	Material of the body	Ruostumaton teräs
Enclosure class	IP68	Juoksupyörän materiaali	High Chrome Alloy
		CN-koodi	84137021
		EAN code	5711537069495

ADDITIONAL PRODUCT DESCRIPTION

The **STP3-1500T submersible pump** is a 400 volt three-phase pump for demanding dewatering on construction sites. Motor power is 1.5 kilowatts and the outlet is 3 inches, so the unit moves up to 700 litres per minute. Maximum head is 14 metres. The body is stainless steel and the base carries a strong strainer that passes water containing particles and sludge.

Who is the STP3-1500T submersible pump for?

The pump is intended for construction sites, for emptying excavations and cellars, and for drying work. It also suits damage restoration and equipment rental fleets.

Choose this model when there is a lot of water and it has to go fast. For lighter work in shallow water, a smaller [flat suction set](#) is enough.

700 litres per minute empties an excavation fast

Maximum capacity is 700 litres per minute, about 42 cubic metres per hour. In practice a flooded foundation excavation empties in a short time with a single unit.

Maximum head is 14 metres. Capacity drops as the head increases, so keep the hose route as short and straight as possible. The three-inch outlet keeps flow resistance low even with long hoses.

The STP3-1500T submersible pump handles site conditions

Protection class IP68 and a maximum submersion depth of 25 metres make the unit fully submersible even in deeper excavations. It handles liquid up to 40 degrees, and the motor has thermal protection that cuts power before damage occurs.

The casing is stainless steel, which extends service life in continuous site use. The material resists concrete dust, sand and moisture far better than painted steel.

The strong strainer in the base is designed for water containing particles and sludge. Mesh size is 8 millimetres, so particles up to 8 millimetres pass through. The impeller is made of High Chrome Alloy, which resists wear from sand and sludge considerably better than ordinary steel. A sturdy carrying handle makes moving and lowering easier. Weight is 37 kilograms.



STP3-1500T submersible pump - technical specifications

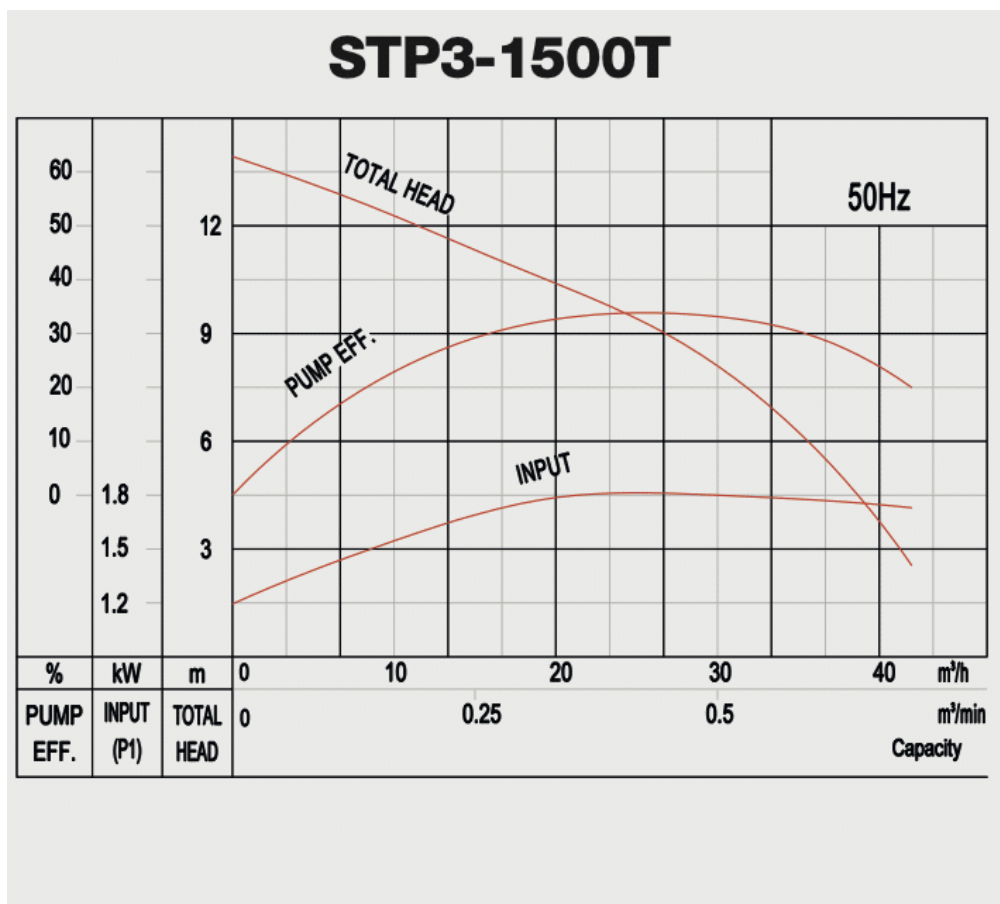
- Rated voltage: 400 V / 50 Hz, 3-phase
- Motor power: 1.5 kW
- Rated current: 3.7 A
- Outlet size: 3"
- Max. particle size: 8 mm
- Max. capacity: 700 l/min
- Head: 14 m
- Max. pressure: 1.4 bar
- Min. pressure: 0.2 bar
- Weight: 37 kg
- Dimensions (H x W): 559 x 240 mm
- Body material: stainless steel
- Impeller material: High Chrome Alloy
- Protection class: IP68
- Max. submersion depth: 25 m
- Max. liquid temperature: 40°C
- Thermal protection: Yes
- Connection cable: 20 m H07RN-F 4G x 1.5 mm² / 400 V 16 A, phase inverter plug
- CN code: 84137021
- EAN code: 5711537069495

- Type designation: STP3-1500T

Does this configuration fit your site? Add the product to the quote request basket at the top of the page and you will receive a quote.

The pump curve shows what the STP3-1500T submersible pump really delivers

The stated 700 litres per minute is the maximum output with almost no head. Actual output is read from the pump curve according to how high the water is lifted.



The curve also shows power input and efficiency at different flow rates. Once you know the head, you can check from the curve whether the capacity is sufficient for your site.

The STP3-1500T submersible pump in continuous use

The unit is built for daily use in demanding conditions. The manufacturer states that performance stays steady through long shifts, which matters when an excavation is kept dry for the whole working day.

Steady performance also matters in rental use, where the equipment moves from site to site and the operator changes. A stainless body and a serviceable strainer base keep the fleet in condition longer, which lowers lifecycle costs.

How to choose the right submersible pump

First consider how dirty the water is and how high it has to be lifted. Then work out the capacity you need from how fast the site must be emptied.

- Water quality: clear water, particles or sludge
- Required head and hose length
- Required capacity in litres per minute
- Available supply: 230 V or 400 V three-phase
- Weight and how often the unit moves between sites

The STP3-1500T submersible pump answers these needs whenever a three-phase supply is available. For clearly muddier water, the [STP2-500 sludge model](#) is the better fit.

Use and maintenance on site

Lower the unit onto a level base so the strainer does not sink into mud. Check the direction of rotation at commissioning, because a three-phase motor gives very little output when it runs the wrong way.

Rinse the unit with clean water after use so dried sludge does not stay in the strainer. Inspect the supply cable and plug visually before every use. The 20-metre connection cable (H07RN-F 4G × 1.5 mm², 400 V 16 A with phase inverter) is enough for most excavations without an extension lead. Store the unit dry and protected from frost.

Frequently asked questions

How much water does the pump move?

Maximum capacity is 700 litres per minute, about 42 cubic metres per hour. Capacity drops as the head increases, and the maximum head is 14 metres.

What electrical supply does the pump need?

It needs a 400 volt three-phase supply. Rated current is 3.7 amperes and motor power is 1.5 kilowatts.

Is the pump suitable for dirty water?

Yes. The mesh size of the base strainer is 8 millimetres, so particles up to 8 millimetres pass through. The High Chrome Alloy impeller resists wear from sand and sludge well. For coarser material, choose a dedicated sludge pump instead.

How deep can the pump be submerged?

Maximum submersion depth is 25 metres, and protection class IP68 keeps the unit sealed throughout. The liquid may be up to 40 degrees, and the motor thermal protection cuts power automatically if the unit overheats.

How much does the pump weigh?

Weight is 37 kilograms and the dimensions are 559 x 240 millimetres. A sturdy carrying handle makes lifting and lowering into an excavation easier.

Does the pump withstand continuous use?

Yes. It is designed for daily professional use, and the manufacturer states that performance stays steady through long shifts. Rinse the strainer after use and the output is maintained.

What is the product number?

The product number is **401010022** and the manufacturer type designation is STP3-1500T. The EAN code is 5711537069495. You can use any of them in orders, quote requests and spare part enquiries.

Is there a larger model in the series?

Yes. The same series includes the [larger STP4-3700T](#), with a 4-inch outlet, a 3.7 kilowatt motor and an output of 1580 litres per minute. Ask us about it if this model is not enough.

Didn't find the answer to your question? Add the product to the **quote request basket** and our sales team will help - or open the chat in the bottom right corner of the page.

Request a quote for the STP3-1500T submersible pump

Still comparing models? Browse the rest of the [site dewatering range](#), or read the manufacturer's own data on the [Starting product page](#).

Once the right model is clear, add it to the **quote request basket**. You can collect several products in the basket and send the whole list at once, so you receive a quote for the entire set with a single request.

OTHER PRODUCT IMAGES

