

STP4-3700T SUBMERSIBLE PUMP 400 V - THREE-PHASE SITE PUMP

The **STP4-3700T submersible pump** is the most powerful 400 volt three-phase pump in the series, built for large volumes of water. A 3.7 kW motor and a 4" outlet move up to 1580 litres per minute to a head of 18 metres.

- Rated voltage 400 V 3~, motor power 3.7 kW
- Max. capacity 1580 l/min, head 18 m
- Outlet size 4"
- Protection class IP68, submersion depth 25 m
- Stainless steel body, High Chrome Alloy impeller
- Weight 59 kg, 20 m connection cable



SKU: 401010023

TECHNICAL ATTRIBUTES

Size of cable entry	4"	Max. upotussyvyys	25 m
Nominal voltage	400V 3~	Nesteen max. lämpötila	40°C
Moottorin teho	3,7 kW	Ylilämpösuoja	Kyllä
Nominal Current	7,7 A	Connecting cable	20 m H07RN-F 4G x 1,5 mm² / 400V 16A, vaihevaihdin pistotulpalla
Maximum flow rate	1580 L/min	Weight	59 kg
Maximum head	18 m	Mitat (K x L)	613 x 300 mm
Max. paine	1,4 bar	Material of the body	Ruostumaton teräs
Min. paine	0,25 bar		
Maximum particle size	8 mm		

Enclosure class	IP68	Juoksupyörän materiaali	High Chrome Alloy
		CN-koodi	84137021
		EAN code	5711537069785

ADDITIONAL PRODUCT DESCRIPTION

The **STP4-3700T submersible pump** is the most powerful 400 volt three-phase pump in the series, made for large volumes of water on construction sites. Motor power is 3.7 kilowatts and the outlet is 4 inches, so the unit moves up to 1580 litres per minute. Maximum head is 18 metres. The body is stainless steel and the impeller is a chrome alloy that resists wear from sand and sludge.

Who is the STP4-3700T submersible pump for?

The pump is intended for large construction sites, for emptying wide excavations and flooded areas, and for damage restoration where a smaller unit is not enough. It also suits equipment rental fleets.

Choose this model when the volume of water is large and a 4-inch outlet is needed. For lighter work, the [smaller STP3-1500T model](#) with a 3-inch outlet is enough.

1580 litres per minute empties a large excavation fast

Maximum capacity is 1580 litres per minute, about 95 cubic metres per hour. In practice even a wide flooded area or foundation excavation empties quickly with a single unit.

Maximum head is 18 metres. Capacity drops as the head increases, so keep the hose route as short and straight as possible. The four-inch outlet keeps flow resistance low even with long, thick hoses.

The STP4-3700T 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 body is stainless steel, which extends service life in continuous site use. The impeller is made of High Chrome Alloy, which resists wear from sand and sludge considerably better than ordinary 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. A sturdy carrying handle makes moving and lowering easier. Weight is 59 kilograms.



STP4-3700T submersible pump - technical specifications

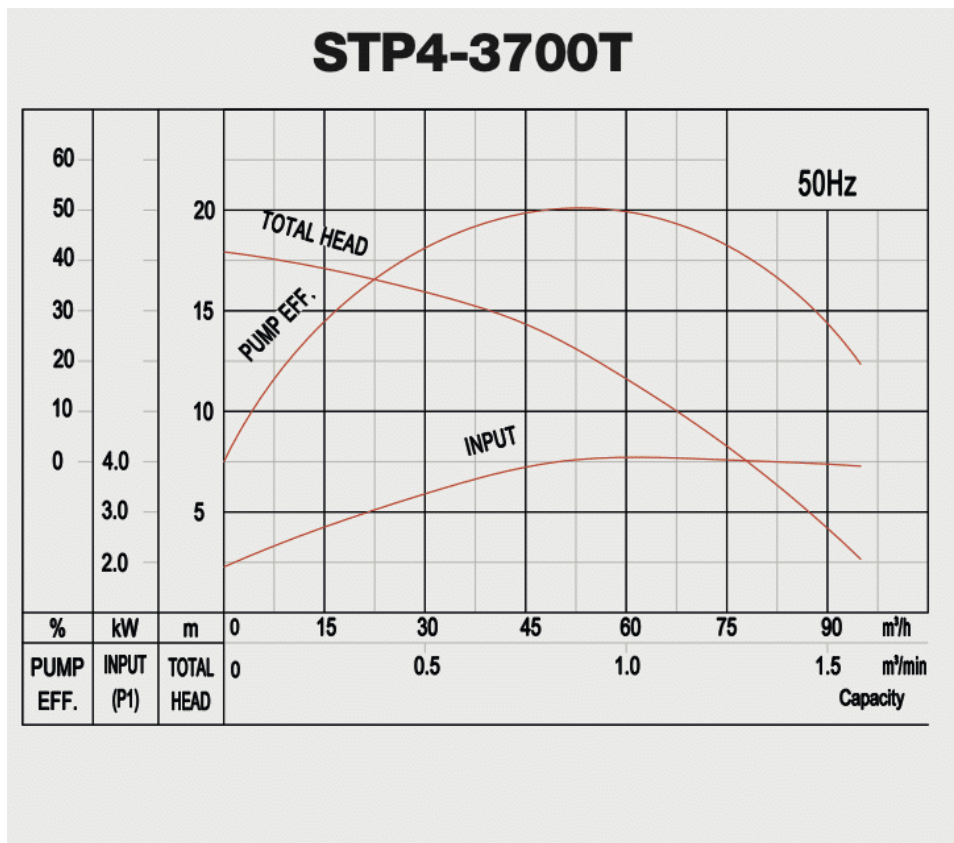
- Rated voltage: 400 V 3~
- Motor power: 3.7 kW
- Rated current: 7.7 A
- Outlet size: 4"
- Max. capacity: 1580 l/min
- Head: 18 m
- Max. pressure: 1.4 bar
- Min. pressure: 0.25 bar
- Max. particle size: 8 mm
- Protection class: IP68
- Max. submersion depth: 25 m
- Max. liquid temperature: 40°C
- Thermal protection: Yes
- Connection cable: 20 m H07RN-F 4G × 1.5 mm² / 400 V 16 A, phase inverter plug
- Weight: 59 kg
- Dimensions (H x W): 613 x 300 mm
- Body material: stainless steel
- Impeller material: High Chrome Alloy
- CN code: 84137021
- EAN code: 5711537069785

- Type designation: STP4-3700T

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 STP4-3700T submersible pump really delivers

The stated 1580 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.

How to choose the right submersible pump

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

- Volume of water and required capacity in litres per minute
- Required head and hose length
- Outlet size: 3 or 4 inches
- Available supply: 230 V or 400 V three-phase
- Weight and how often the unit moves between sites

This model answers the needs of large water volumes whenever a three-phase supply is available. For smaller sites, the [3-inch STP3-1500T](#) is the better fit.

The STP4-3700T 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 a wide excavation or flooded area 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 wear-resistant impeller keep the fleet in condition longer, which lowers lifecycle costs.

Use and maintenance on site

Lower the unit onto a level base so it 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. 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 1580 litres per minute, about 95 cubic metres per hour. Capacity drops as the head increases, and the maximum head is 18 metres.

What electrical supply does the pump need?

It needs a 400 volt three-phase supply. Rated current is 7.7 amperes and motor power is 3.7 kilowatts.

What is the difference between the STP3-1500T and the STP4-3700T?

The models are similar in construction, but the STP4-3700T is more powerful: the outlet is 4 inches, capacity is 1580 litres per minute and the head is 18 metres. Choose this larger model when the volume of water is high.

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.

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 59 kilograms and the dimensions are 613 x 300 millimetres. A sturdy carrying handle makes lifting and lowering into an excavation easier.

What is the product number?

The product number is **401010023** and the manufacturer type designation is STP4-3700T. The EAN code is 5711537069785. You can use any of them in orders, quote requests and spare part enquiries.

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 STP4-3700T submersible pump

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

