

Farm Slurry Umbilical Pump Range





Why choose T-T Agricultural and Environmental?

T-T's Agricultural and Environmental Division has been formed to focus specifically on effluent treatment and anti-pollution products. T-T has a distinct advantage when dealing with sensitive environmental systems. We are able to merge our vast experience and expertise in pumps, valves and service with support of our internal design capabilities.



Features of the PTH Series:

- Ideal for heavy-duty applications.
- HD Gearbox design allows for increased driven torque coupled with a multi-channel impellers and double chopping system.
- Recommended for applications that require a substantial head and adequate chopping of the solid materials present in the liquid being pumped.
- Ideal for systems with self-propelled sprinklers marked height differences and long pipelines.
- All pumps feature cast iron construction with hardened wetted end parts and oil-lubricated mechanical seal.

The PTH Series is available as individual items or complete on a frame ready to go.



Introducing the PTH Series:



PTH 65

The PTH 65 chopper pump is the base model within the range and is aimed at the smaller farmer/contractor. The PTH 65 has a head capacity of 125 meters providing excellent entry level performance.

Features include:

- Recommended minimum power required: 100hp
- Discharge: 65mm
- Inlet: 150mm
- Max head: 125mtr
- Options for 540 or 1000 RPM Input



PTH 100K - TTE

The PTH 100k - TTE chopper pump is designed for the agricultural contractor and large farms for umbilical distances of up to 1600 meters and fits in to the market with more performance than the closest alternative brand for slurry application.

Features include:

- Recommended minimum power required: 150+hp
- Discharge: 100mm
- Inlet: 150mm
- Max head: 135mtr
- 1000 RPM input only



PTH 100KK - TTE

The PTH 100kk - TTE chopper pump is the premier class unit within the range and offers unrivalled performance. The unit is designed again with the contractor in mind with the sole purpose of high-performance slurry application.

Features include:

- Recommended minimum power required: 180+hp
- Discharge: 100mm
- Inlet: 150mm
- Max head: 155mtr
- 1000 RPM input only



PTD - TTE

These horizontal chopper pumps feature the same gearbox configuration as the PTH range but utilise a bore keyway input shaft for connection with diesel engines.

Features include:

- Recommended minimum power required: 100+hp (PTD 65)
- Discharge: 65mm - 100mm Inlet: 150mm - 200mm
- Max head: 155mtr
- 1000 RPM input only



PTO - TTE

The PTF series share the same configuration as the PTO but with the addition of an SAE flange. Featuring the same wetted end with direct drive to be coupled with to the flywheel of an engine or electric motor via flexible coupling.

Features include:

- Recommended minimum power required: 150+hp
- Discharge: 65mm - 100mm Inlet: 150mm - 200mm
- Max head: 155mtr
- 1000 RPM input only



PTF - TTE

The PTO series feature the same wetted end as the PTH series units in a direct driven configuration, to be coupled with to the flywheel of an engine or an electric motor via flexible coupling.

Features include:

- Recommended minimum power required: 150+hp
- Discharge: 100mm
- Inlet: 150mm
- Max head: 135mtr



World-class layflat hose



Flexitex Extra

A reinforced fluid transfer hose for agricultural systems, predominantly used as a feed hose from farm to field.

SIZES AVAILABLE: 102MM (4") INTERNAL DIAMETER
127MM (5") INTERNAL DIAMETER



Ultraman (Standard PU)

A multi-purpose transfer hose, which is suitable as a feeder hose or even a drag hose in smaller umbilical systems.

SIZES AVAILABLE: 102MM (4") INTERNAL DIAMETER
127MM (5") INTERNAL DIAMETER



Dragman (Heavy Duty PU)

This hose is especially designed to withstand extreme tensile stress, pulling forces and abrasion from umbilical slurry systems.

SIZES AVAILABLE: 102MM (4") INTERNAL DIAMETER
127MM (5") INTERNAL DIAMETER



Dragman Premium (Heavy Duty PU)

This hose is intended for use with umbilical drag systems and has abrasion resistance four or five times of that commonly used in rubber.

SIZES AVAILABLE: 102MM (4") INTERNAL DIAMETER
127MM (5") INTERNAL DIAMETER



SCAN ME

Benefits

- Maximise your investment with the correct hose
- Durable and wear-resistant
- Resistant to most industrial and agricultural chemicals
- High abrasion resistance and tensile strength
- Cost-effective slurry distribution Ranges suitable for drag, irrigation and feeder systems

Speak to a member of the team for assistance selecting the correct hose for your application