

P448 ex

Steerable Tractor

The explosion proof tractor that is capable of turning on its own axis and has the power to survey up to 600 metres in one run

FEATURES/BENEFITS



- Variable speed settings allow tractor to travel farther, faster
- Negotiates pipes with radical bends
- Turns on its own axis
- Dual range transmission high speed or high torque
- Auto reverse to start point
- Exceptional pulling power
- Inspects pipes 457mm (18") in diameter and up
- Remote control elevator adjusts camera height
- Quick-change wheels for reduced set up time
- Variable turn rate
- Continuously variable speed
- Durable construction for the harshest conditions
- Ex explosion proof for zone 1 applications

The **P448 Explosion Proof Steerable Tractor** heads the line up of Pearpoint's tractor based pipeline inspection systems. Speed and stamina of the steerable tractor means more inspection meterage per day.

Carrying Pearpoint colour cameras farther and faster, the rugged P448 tractor operates in pipes ranging from 457mm (18") in diameter and up.

A fail safe remotely controlled elevator allows for camera height adjustment as the tractor travels through the pipe. The P448 operates in rapid reverse allowing more time for inspection and less time for set up.

The explosion proof tractor is capable of turning on its own axis and enables surveys of 600m in length.

The P448 Steerable Tractor allows negotiation of pipes with radical bends. It boasts a variable turn rate allowing it to make anything from a gradual turn to a turn on its own axis. The speed of the tractor is continuously variable and employs a dual range transmission that enables the operator to choose high speed or high torque, as appropriate.

Listed and labeled as explosion proof, the P448 can be used in confined spaces and can be fitted with any of Pearpoint's existing labeled and listed colour cameras.



ATEX APPROVED

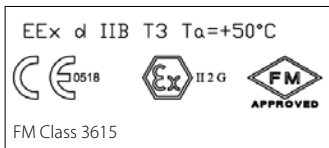


P448 ex

specifications

SPECIFICATIONS

- **Dimensions with 200mm (8") wheels**
 - 620mm x 328mm x 220mm (24.4" L x 12.9" W x 8.7" H)
- **Dimensions with 305mm (12") wheels**
 - 704mm x 390mm x 305mm (27.7L x 15.4" W x 12" H)
- **Weight (without wheels)**
 - 63.6kg (140 lbs)
- **Weight with 200mm (8") wheels (approximate)**
 - 69.6kg (153 lbs)
- **Weight with 305mm (12") wheels (approximate)**
 - 73.6kg (162 lbs)
- **Operating Temperature**
 - -10°C to +40°C
- **Construction**
 - Cast bronze/anodized aluminium body; stainless steel fittings
- **Waterproof to**
 - 160 psi (11 bar); IP68
- **Pipe Diameter**
 - 457mm minimum; maximum pipe size limited only by illumination
- **Speeds**
 - Variable, forward/reverse drive; 4-wheel drive with counter rotate steering; two speed gearbox with electric clutch



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