

Hexi Pipe Coil Trailer

GAS SOLUTIONS

Transports and dispenses a 500m coil of up to 90mm or a 100m coil of 125mm PE

The Hexi Pipe Coil Trailer is the first trailer of its type capable of transporting and dispensing a 500 metre coil of 63mm, 75mm or 90mm PE.

The new trailer has a number of key advantages. Firstly, by taking a 500 metre coil as opposed to 100 metres, it allows operators to save money by reducing pipe wastage.* Secondly, due to an improved, unique drum-like carousel, pipe is dispensed even more smoothly and quickly. Thirdly, the pipe can be loaded and dispensed without the necessity for operatives to reach inside or climb onto the frame.

With its hexagonal frame, this trailer is a completely new design from the company which has continuously been designing and manufacturing pipe coil trailers since the 1980s. A hydraulics system has been incorporated to move the central drum from transport position to the loading/dispensing position and to open and close the rear gate. The method of removing and replacing the drum bars (there are six—two fewer than on other Steve Vick trailers) in order to load the pipe coil has been simplified and is now a one-man operation.



An optional pipe purge point can be incorporated into the frame of the trailer for use on Live Mains Insertion projects allowing coils to be purged at 2.5 metres above ground.

Left: Removing and replacing the drum bars is a oneman operation made easy by the use of a drum bar extension, avoiding the need for the operative to put his hands inside the frame



There are three positions for each drum bar to make adjustments for varying internal coil diameters (up to 1.8m) and misshapen coils. This tight fitting feature optimises smooth dispensing



The leading end of the PE is secured to the trailer framework with a strap to avoid the possibility of it 'springing away'. It is fed through a guide roller unit to assist smooth dispensing



The front of the trailer showing the hydraulic unit and handle for raising and lowering the drum and the rear gate. Also showing the ram breaking mechanism

BENEFITS

- By using 500m coils, savings on pipe wastage of up to 15-20% are possible*
- Unique central drum design ensures pipe is dispensed/recoiled smoothly and quickly
- Pipe may be easily re-wound to save unused PE (unreeled section between trench and trailer)
- Comprising only a single axle, the trailer is easy to manoeuvre and transport
- No need for operatives to put hands within the rotating drum at any stage
- One-man operation to remove and replace the six drum bars



Loading the trailer using high-lift equipment. Two operatives steer the coil into place using guide ropes. All loading and dispensing procedures are carried out from ground level.



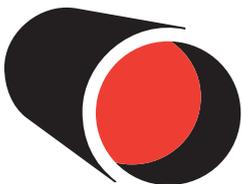
The hexagonal drum is progressively rotated and locked in place to allow removal/replacement of the six drum bars

FEATURES

- Capable of being towed by a standard long wheelbase vehicle
- Hexagonal drum and rear gate are raised and lowered using lever operated hydraulics
- No need for operatives to step or climb onto the frame
- Interlock breaking system—drum cannot be raised without brake being engaged
- Leading end of PE is strapped to the frame to prevent it 'springing' and to avoid injury hazard

* The wastage of PE pipe is caused by left over lengths from 100 metre or 120 metre coils being too short for most insertion purposes. Using 500 metre coils, however, leaves useful lengths.

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