## Hexi Pipe Coil Trailer


#### Abstract

The Hexi Pipe Coil Trailer is the first trailer of its type capable of transporting and dispensing a 500 metre coil of up to 90 mm , or 150 m of 125 mm PE.


The Hexi Pipe Coil Trailer has been helping the utilities industry reduce $P E$ wastage for a decade and continues to be one of the most popular trailers across the Steve Vick International (SVI) trailer range. The first trailer of its type, capable of transporting and dispensing a 500
metre coil of $63 \mathrm{~mm}, 75 \mathrm{~mm}$ or 90 mm PE. With two drum bar positions to cater for varying inner coil dimensions -2.5 m and 1.8 m , the Hexi trailer can also handle 125 mm coils up to 150 m .

The trailer has two 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 a hydraulically powered, unique drum-like carousel, pipe is dispensed even more smoothly and quickly.

With its hexagonal frame, this trailer remains a revolutionary design from SVI, who have 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. 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. The Hexi trailer also handles pre chlorinated coils for the water industry.


- Cost saving-by using 500 m coils, savings on pipe wastage of up to $15-20 \%$ have been proven across UK gas distribution networks*
- Environmentally friendly-significant reduction in carbon footprint as a result of using 500 m coils. Calculations have shown a reduction of 400 tonnes pa. which is equivalent to a financial carbon value of around $£ 22,000$ a year**
- Effective dispensing-adjustable close fit drum bars for varying coil ID's optimising smooth dispensing
- Easy to use-raised central drum design ensures pipe is dispensed/recoiled smoothly and quickly, avoiding the need for operatives to manhandle the coil
- Improved safety-Rear gate is hydraulically controlled, avoiding the need to work at height
- Practical-Pipe may be easily re-wound to save unused PE (unreeled section between trench and trailer)


*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.
**The calculations were carried out by the Department of Energy \& Climate Change on behalf of WWU. Factors taken into consideration included a reduction in pipe wastage*, less fittings required, less excavations, less backfill, less reinstatement and less transportation per project.



## About Steve Vick International

We are experts in innovative engineering for trenchless renovation and decommissioning of pipes worldwide.

Since our foundation in 1981, we have been dedicated to delivering cost-saving solutions for damaged, redundant or outdated underground pipe work. We are at the forefront in developing products and techniques across gas, water, nuclear and contract service sectors on a worldwide basis.

We are proud of our reputation for innovative product development, strong technical support and after sales care.

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