

The common factor in existing pipeline pigging is that pipes are round. But pipes are in many cases imperfect circles or may at larger sizes vary in shape i.e. rectangular or egg shape etc. Applying pigging technology in a wide range of pipe diameters, shapes, or to enable the system to pass bends and/or obstacles and to operate in a variety of pipe materials at different stages of ageing often requires customisation. Drawing on the experience of a large number of projects, PipeTrack provide the appropriate solution. Below are just a few examples: -



Example 1:

The standard wheel units for the ‘PipeTrack’ DuctRunner DR 4.1 Pipeline Mapping System support a internal pipe diameter range of 90 mm to 2500 mm.

Following a customer request, a special wheel frame was developed to enable centreline mapping of a gas pipe with a fixed diameter of **1,200 mm**.



Example 2:

Particularly older sewer utility lines contain debris and sediment at the bottom of the pipes after years of service. This results in inaccurate or aborted surveys.

Pipetrack’s unique variations in sewer wheel unit enables the OMU to hover above most obstacles. An additional advantage of this design wheel sets is that it can be used to map **egg shaped pipes**.



Example 3:

A recent addition to Pipetrack’s product line is the **Flexible Unit** concept. The specific design of flexible units top pass bends of 1.5D. At present, units are available for 6”, 8” and 12” original ID pipelines.

Collapsible wheel arms allow the systems to map rehabilitated pipes with up to a 0.5” liner as well as pass through lateral house connections.

Please contact us for further information or a detailed proposal.