

## **Bi-Directional Brush Scrapers**



Designed to remove debris and deposits from the pipeline, the IKS range of Bi-directional brush scrapers offers excellent cleaning qualities.

The range is comprehensive 2" through to 60", with a variety of body constructions available. In sizes 2" up to 14" a spindle (bolt) body can be offered or alternatively the complete range up to 60" can be supplied as a multi-bolt design. Larger sizes are available upon request.

The standard model is supplied with six polyurethane discs: two support/guide discs that assist loading and centralization in the pipeline, four sealing discs that seal/drive, and two circular brushes that scrape.

All brush scrapers are supplied with by-pass ports which allow removed debris to be flushed clear of the discs and brushes.

The scrapers as standard are supplied with carbon steel wire bristle with a stainless-steel option. For pipelines with internal coatings, we can offer polypropylene or nylon bristles.

Other design options include the attachment of magnets (for debris collection). Extra sealing and guide discs can be added if the scraper is to be used over a long distance (150km) or the pipeline conditions are particularly arduous.

All IKS scrapers are supplied with polyurethane bumper noses as standard.

All IKS scrapers are designed to pass minimum 1.5D radius bends and negotiate full bore branches.

All multi-bolt scraper body assemblies are welded to code standard BS EN ISO 15614-1:2004+A1:2008.