HEARL HEATON

ABS Plastic Flanged Process Reels

HEARL HEATON, with over 40 years of experience, is the recognised leader in the design and manufacture of ABS (plastic flanged) high-speed process reels for the wire, cable, telecommunication and fibre optic industries. We GUARANTEE the quality and high specification of our reels. This is achieved by the use of certified materials, which include a special grade of virgin ABS for our flanges, specially selected to give maximum strength without brittleness. The remaining parts are manufactured in our automated machinery to produce an accurate and precise reel.

Hearl Heaton has developed its products with both machine manufacturers and customers. This collaboration has ensured that our reels meet the high standard required for modern production to obtain optimal speeds and maximize output.

Reels for Telecommunication & Data Transmission Cable

Our range of products includes flanges from diameter 350mm to 1,000mm manufactured either to customer specification or to DIN 46395 standards and suitable for extrusion speeds up to 2500m/min. We also have the option to use alternative materials for component parts such as stainless steel, aluminium and engineering plastics.

Reels for Optical Fibre Tubing

Diameters from 250mm to 1,000mm manufactured either to customer specification or to DIN 46395 standard. We also have the option to use alternative materials for component parts such as stainless steel, aluminium and engineering plastics. Various design features allow access to the inner end of the optical fibre tube for test purposes.
Steel Process Reels

We design and manufacture a full range of reels for all take up and pay off applications with flange diameters from 200mm to 1250mm. Incorporating curled, straight and fabricated flanged constructions we can manufacture to either DIN 46395/46397 standard or to customer specific requirements, including a multitude of finishes.

BP 630 ø with 127mm bore to Din 46397 dynamically balanced ISO 1940, G16

Steel Shipping Reels

Ranging from 300 to 1250mm, our reels can be designed and manufactured for single or multi-trip purposes. We offer a number of finishes from a simple self-finish to a multitude of painted finishes (including Q.D enamel, Epoxy and Powder Coating).

SF 500mm ø (SKET) with Machined coiling surfaces and special bore arrangement

SF 1000mm with un machined coiling surfaces

FB 800mm ø with continuous bore

BP 630 ø to Din 46395

SR 760mm ø for steel bands

SR 760mm ø with 12 fingers

SR 760mm ø without pressing for fragile production

SR 760mm ø with 8 fingers

BP 630 ø Bundle Packer with 127mm bore to Din 46397 dynamically balanced ISO 1940, G16

Shipping Reels ready for Surface Treatment

Painted Shipping Reels
Steel Process Drums

We design and manufacture a full range of process drums for all take up, linear process and drumtwist applications, with flange diameters from 1000mm to 6000mm. The drums are designed in house to suit the customers bespoke requirements, taking into consideration application, lifting method, surface finish and any size constraints imposed by the customer’s machinery.

Steel Shipping Drums

Our in house team design and manufacture a wide range of shipping drums that are tailored to suit the customers individual requirements. The drums range in size from 1000mm to 9200mm and can be designed in accordance with Offshore Standards, complete with calculations and if necessary DNV (or similar) approval.
Ancillaries

We design and manufacture to customer requirements a full range of ancillary products.

Equipment for the Offshore Industry

Pentre Group specializes in the manufacture and design of bespoke steel drums for the offshore industry. Suitable for such products as steel wire ropes, synthetic ropes, umbilical cables and flow lines. These drums are designed to suit customer requirements: transportation; installation; long-term storage; etc..

- Offshore transportation drums 6.0m ø for a load of 50 tonnes
- 6.1m ø shipping drum designed for a load of 157 tonnes
- 6.1m ø shipping drum with a skeletal ramp, designed for a load of 115 tonnes
- Offshore lifting beam designed with a SWL of 140 tonnes
- 4.6m ø offshore transportation drums, on offshore cradles, designed to carry 110 tonnes

The 5.5m ø shipping drum being lifted is intended for use with the Coflexip Drive System. All 3 shipping drums are designed for umbilical cables in offshore applications
Timber, Plywood, Hardboard and Cardboard Reels

Timber Drums
Ranging from 650mm to 2400mm

Lightweight Plywood Drums
Ranging from 300mm to 1500mm

Metal Stamping Reels • Beaded Metal Cylinder Reels • Hubbed Cylinder Reels
These reels can be printed with company name and logo

Pentre’s production line
Our Cylindrical Spools are manufactured as standard in black reprocessed ABS (Acrylonitrile Butadiene Styrene). Our Large Pakspools are manufactured in High Impact Polystyrene Black (HIPs).

Our Pakspools and Welding Wire Reels are generally manufactured in high impact polystyrene (black colour), although for more arduous applications, the reels can be manufactured from black ABS (Acrylonitrile Butadiene Styrene).
INTERNATIONAL SALES OFFICES

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