



# TOTAL PACKAGE

REELS, DRUMS AND ANCILLARIES



[www.pentregroup.com](http://www.pentregroup.com)



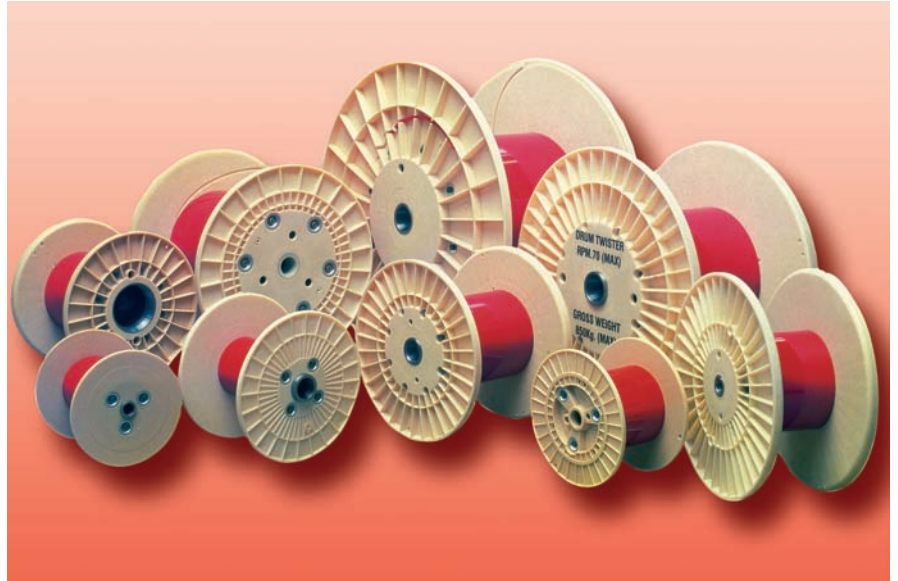
# HEARL HEATON

## *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**

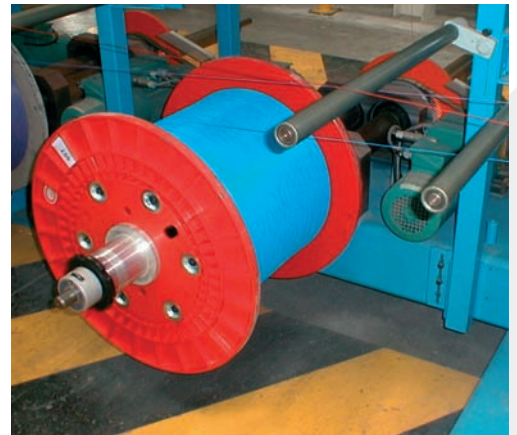
Our range of products includes flanges from diameter 350mm to 1,000mm manufactured either to customer specification or to DIN 46395 standards and suitable for extrusion speeds up to 2500m/min. We also have the option to use alternative materials for component parts such as stainless steel, aluminium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



*1000mm  $\varnothing$  process ABS reels, seen at the end of the stranding line. The product is data telecommunication cable*



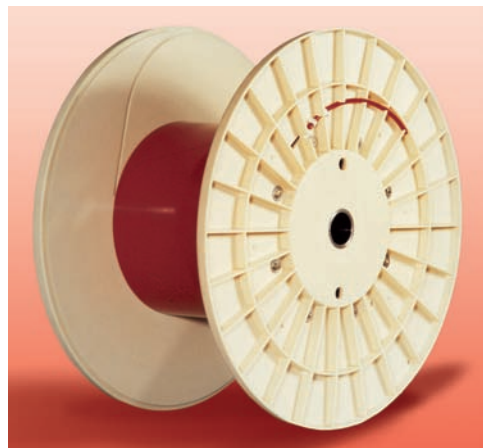
*500mm  $\varnothing$  process ABS reels. The product is single core for telecommunication cable*



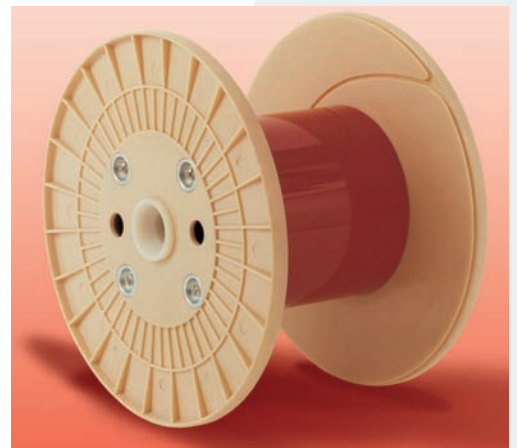
*630mm  $\varnothing$  process reels with coloured ABS flanges used in pay off machine. The product is fibre optic tubing*

### **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.



*1000mm  $\varnothing$  ABS fibre optic reel with flange groove which allows the testing of the product on the reel*

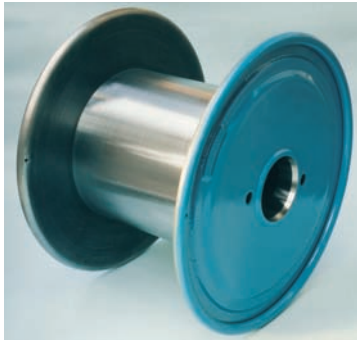


*450mm  $\varnothing$  ABS fibre optic reel with flange groove, nylon bushes, aluminium barrel and hardware*

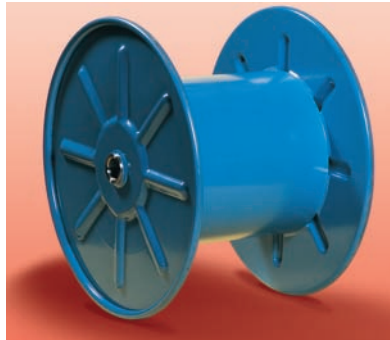


# Steel Process Reels

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  $\phi$  with 127mm bore to Din 46397 dynamically balanced ISO 1940, G16



FB 630mm  $\phi$  to Din 46395



FB 800mm  $\phi$  with continuous bore



SF 1000mm with un machined coiling surfaces



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



SF 500mm  $\phi$  (SKET) with Machined coiling surfaces and special bore arrangement

# 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).



Shipping Reels ready for Surface Treatment



Painted Shipping Reels



SR 760mm  $\phi$  with 8 fingers



SR 760mm  $\phi$  with 12 fingers



SR 740mm  $\phi$  for steel bands



SR 760mm  $\phi$  without pressing for fragile production

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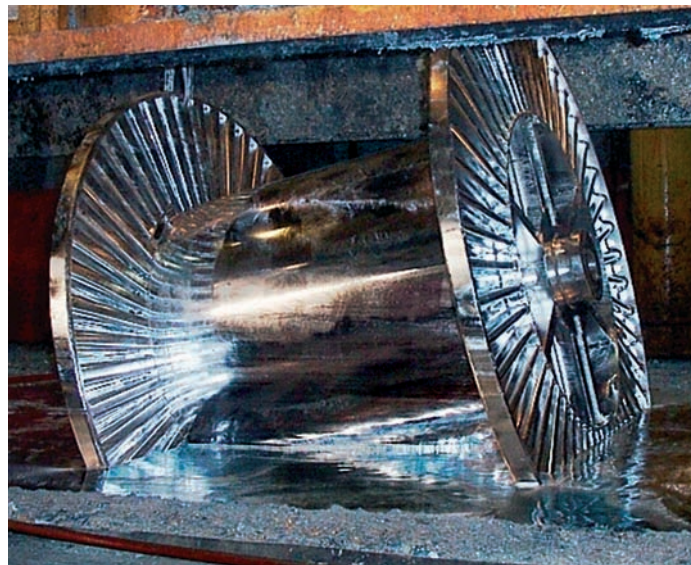


# Steel Process Drums

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.



*Decombe Drum Twister 2.5m ø*



*1.8m ø Decombe Drum during the galvanising process*



*Flat Sided drum 1.8m ø Statical Balanced*



*Flat Sided Twister 2.5m ø*



*5 Flat Sided Drums 3.3m ø*



*Galvanised Flat Sided Drum 2.5m ø*

# 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.



*Drum Flat Sided 2.5m ø*



*Galvanised Drum 3.0m ø with ramp & compartment*



*Drum Flat Sided 2.6m ø*



*Drum Flat Sided 2.0m ø*



*Galvanised Decombe Drum 1.8m ø*



*Drum Flat Sided 2.6m ø*



# Ancillaries

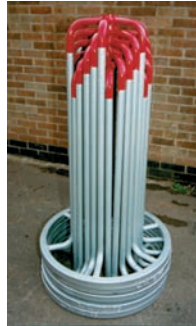
We design and manufacture to customer requirements a full range of ancillary products.



Shipping Formers



Stator Packs



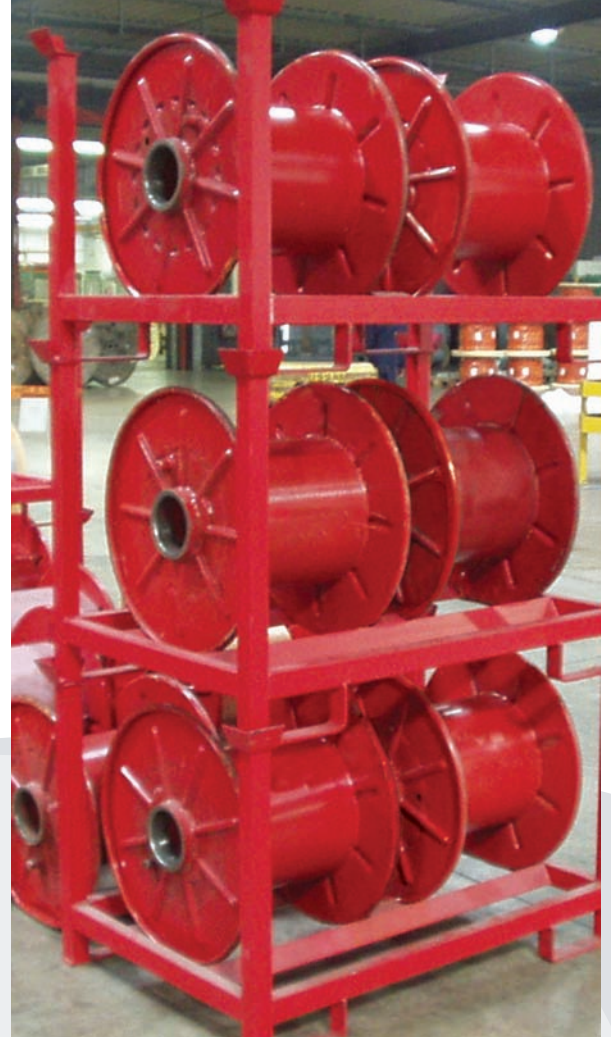
In Process Formers



Lifting Beams



In house pallet for storage and transport



In house pallet for reel storage

# 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



6.1 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



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



Offshore lifting beam designed with a SWL of 140 tonnes

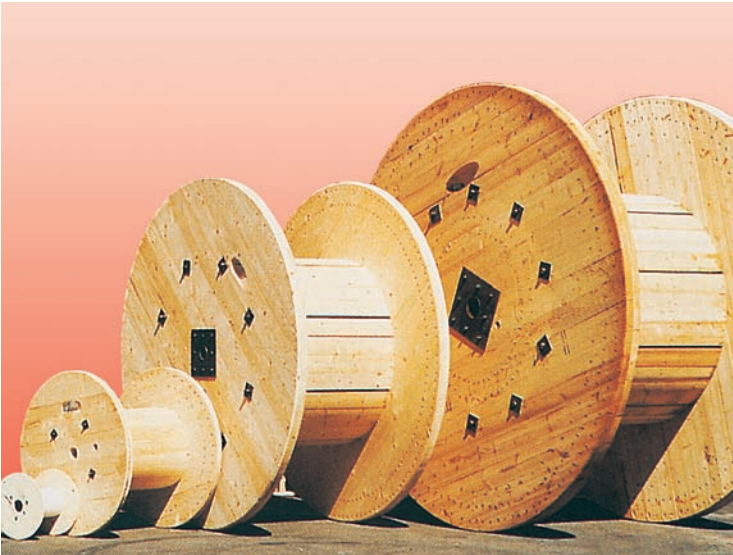


4.6m ø offshore transportation drums, on offshore cradles, designed to carry 110 tonnes





# *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*

# Wholly Moulded Plastic Reels

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).

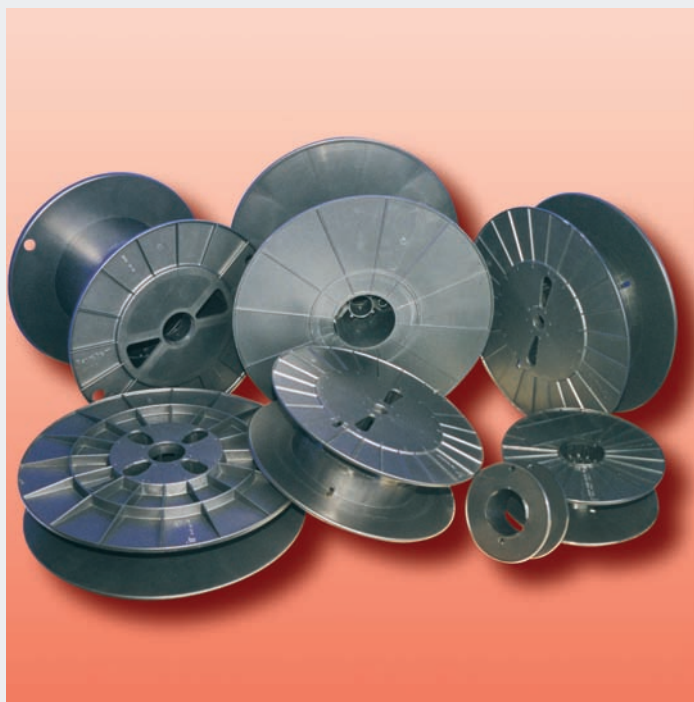


**Cylindrical Barrelled Delivery Spools**  
IEC 60264 - 2

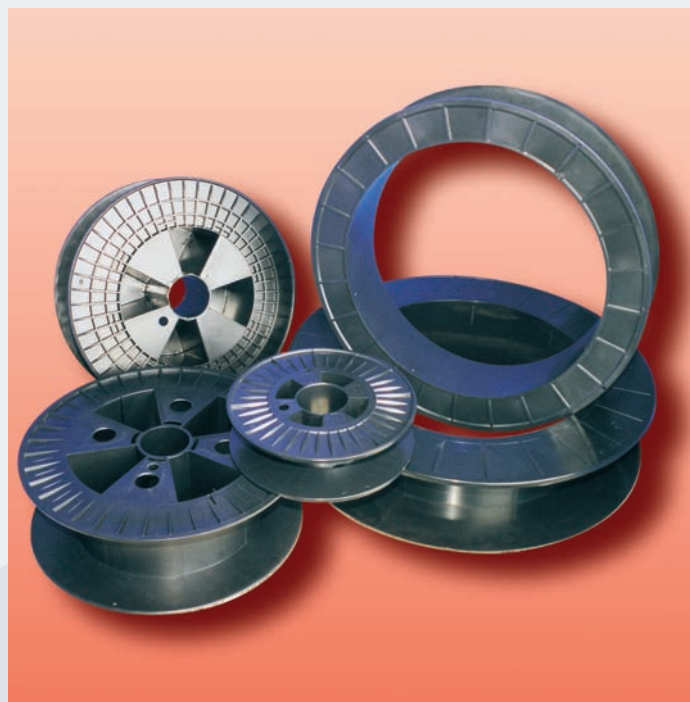


**Large Pakspools**

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).



**For Multi Purpose Applications**  
PAKSPOLS



**For Co<sub>2</sub> & Argon Welding Wires**  
Din 8559 Welding Wire Reels

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