

Pipe Coil Technology Limited

Equipment Solutions for Sub-sea Flexible Manufacture





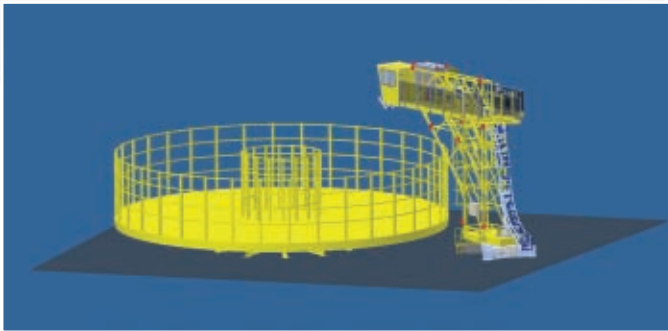
Pipe Coil Technology Limited design and supply several types of coiling, winding and handling machinery for use in the manufacturing of flexible risers, flexible flow-lines, control umbilical and power cable. The main equipment areas are;

- /// Production line machines
- /// Spooling machines & turntables
- /// Large drum handling and drum spooling machines

Equipment is supplied to meet the technical and commercial requirements of individual customers and we work closely with customers throughout projects to ensure compatibility of equipment with overall manufacturing processes and timely project completion.

Production line machines; Carousels and carousel loading arms (Goosenecks)

- /// Open top 'basket' style carousels and loading arm systems
- /// Can be specified for operation within factory building or on dockside
- /// Complete systems enable integrated control of the loading arm and carousel, reducing reliance on manual control
- /// Loading arms can be supplied for operation with existing or third party supplied carousels
- /// Loading arm design offers good production flexibility; choice of entry height and operates over wide inlet angle range



Take-up and payoff stands

- /// Pintle, A-frame or under-roller type
- /// For drum sizes from 0.5m up to 11m diameter
- /// Weight capacities from 1t to 400t
- /// Torque or speed control
- /// Automatic layering by traversing product, or by traversing the stand



Haul-off machines (CAT's)

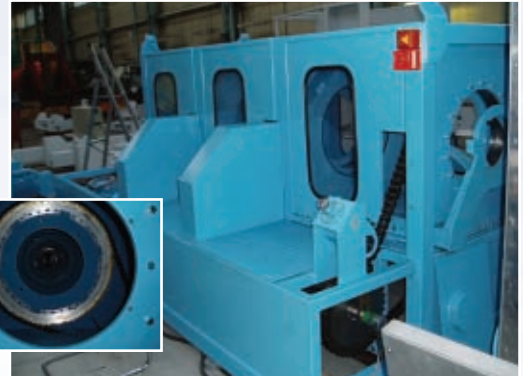
- /// Twin track design with side or end loading
- /// Pull and speed specified to suit application





S-Z lay machines

- /// Lay angle up to 990 degrees
- /// Variable lay pitch
- /// Operating speeds up to 20m/min
- /// Product diameter up to 300mm
- /// Control integrates with PCT Ltd, or third party, in line haul-off



Rotating taping heads

- /// Multiple heads 2, 4 or 8
- /// Independent control of tape tension and monitoring of tape roll rotation
- /// Control integrates with PCT Ltd, or third party, in line haul-off

Spooling machines & turntables; Re-spooling lines for drum to drum transfer of hoses, flow-lines and cables

- /// Transfer speeds up to 400m/min
- /// Controlled line tension during transfer
- /// Length measurement and auto 'stop at length' capability



Spooling machines and integrated re-spooling lines for transfer of wire or filler profiles to bobbins

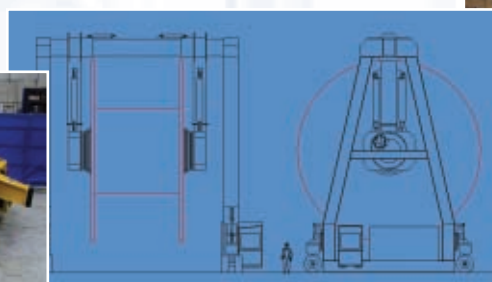
- /// High transfer speeds
- /// Drum to bobbin or coil to bobbin systems



Turntables for 'jumper' & short length umbilical coiling

Large drum handling and drum spooling machines

- /// Hub drive and under-roller spoolers for drum diameters up to 11m, weighing up to 400t
- /// Drum moving equipment for drum weights up to 400t



Pipe Coil Technology Limited



Why industry leaders choose Pipe Coil Technology Limited

- We are committed to achieving the highest level of customer satisfaction and to building long term, mutually beneficial, partnerships with our customers
- We are experts at what we do; understanding customer needs, supplying technically superior solutions on time and in budget and providing excellent after sales support throughout product lifetime.
- Our project management, engineering and technical sales teams include specialists from the extrusion, oil & gas and automation industries who between them have many years experience in creating, delivering and implementing complex equipment solutions.

Products

For plastic pipe, tube, hose & conduit manufacture:

- Automatic coiling & packaging technology
- Semiautomatic coiling technology
- Off-line, high speed coiling technology
- Low ovality coiling technology (for HDPE pipe)
- Drum winding technology
- Engineered coiling solutions

For wire rope and large diameter cable manufacture:

- Drum take-up and payoff stands
- Turntables and spoolers
- Wire spooling and rewinding

For sub-sea umbilical, flow-line and cable manufacture:

- Carousels and loading systems
- Drum handling, moving and spooling equipment
- Production machinery; S-Z lay machines, rotating taping heads, caterpillar haul-offs, drum take-up & payoff stands
- Wire spooling and rewinding

For sub-sea umbilical, flow-line and cable installation:

- Carousels and loading systems
- Drum handling and spooling equipment
- Cable guides and transfer equipment

Pipe Coil Technology Limited

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