Product Sheet

SEA Reel Good

Rods & Wires

SEA has an unrivaled product portfolio

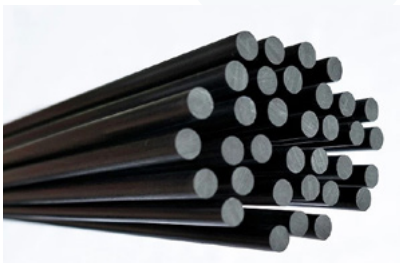
Let's Sea What We Can Produce

Product range

Duplex steel rods

Wire ropes

Carbon fiber rods



Product range

SEA operates two steel rod and wire rope straightening and spooling lines for producing weight and strength elements for umbilical manufactures. SEA has designed, built, and operates a unique carbon fiber bundling machine used for producing strength elements for deep, and ultra-deep water umbilical designs.

Products

Type	Product	OD range (mm)	OD (mm)	Max. Length (m)	Reel Flange OD (m)	Total weight material (tons)
Steel rods	Duplex, Lean Duplex, Super Duplex	10–20	10	38,000	up to 3.4	up to 25
			12	27,000		
			14	20,000		
			16	15,000		
			18	12,500		
			20	10,000		
Wire rope	Galvanized, Non-galvanized	10–40	10	50,000	up to 3.4	up to 25
			20	12,500		
			30	6,000		
			40	3,000		
Carbon fiber	3-rod	14.0	14.0	20,000	2.9	4
	7-rod	19.5	19.5	10,000	2.9	4

Product Sheet

Rods & Wires

Specifications
Rods & Wires

Straightening

5 lead-in/pulling/straightening units with custom beveled pulley wheels

OD Quality Control

2 lasers measuring OD every 90°
Visual OD light with auto-stop for >OD Real-time OD digital recording

Cleaning

Polishing of product with vacuum dust extraction

Welding

Full thickness welds
Automatic cooling system

X-Ray Quality Control

3-locations digitally recorded

Length measurement

Automatic

Specifications
Carbon Fiber

Carbon Fiber OD

Rod OD 6.5mm

Pay-offs

7
CFR reel diameter 2,500mm

Fiber bonding

Epoxy film adhesive
Application temperature >18 °C

Caterpillar pull strength

60m/min 20,000N

Axial stress (7 rods)

>150KN

Take-up reel

2,900mm

Accreditations

Company

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

Welding standards & inspection

ISO 15613:2014
ISO 3834-2
ISO 9606-1
ISO 9712
BS EN 10204

X-ray machine

Accredited by the Czech Office for Nuclear Safety

contact us for cost effective solutions
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Let's get in touch and keep the reels together.

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