SINORTEK

水下机器人作业工具

Subsea Offshore

Empowering Subsea Excellence:
Brushes, Baskets, and Underwater Robot AIDS
Built for Deep Sea Operations!

Content

About Us

Founded in 2015, Sinortek is a China-based production organization, certified by ISO 9001:2015 and ISO 14001:2015. We supply subsea offshore products including brushes,subsea basket and other subsea offshore tools etc.

With a professional in-house design process, advanced technology, and OEM production capabilities, we ensure every product meets stringent quality standards.

Our long-term partnership with Bureau Veritas provides ongoing training for our QA/QC teams, ensuring traceable and dependable quality supervision.

Stainless steel wire brush
Brush-polyurethane
Multi-purpose-brushing-tool
PU Brush
Brass-chain-brush-tool

Fishtail ROV handle
ROV-knife
ROV handles with flange

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Subsea Basket

10ft basket
13ft basket
20ft basket

Sampling Tools

Gas Sampler
Sampling Bottle

Lifting Tools

Hydraulic Magnet
ROV Chain Hoist
Shackle

Transponder bucket

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Subsea basket designed with a robust solid steel lifting arrangement, ensuring durability and reliability for demanding offshore operations.

Subsea Basket

10ft basket

Lifts 11400kg, total weight 15000kg.

10ft basket size

Basic Information

External Dimensions LxWxH mm	3000x2802x4229mm
Internal Dimensions LxWxH mm	2800x2250x1030mm
TARE Load	3600KG
Payload	11400KG
Max Gross Weight	15000KG
Main Material	Q345B
Coating	HDG+Painting

13ft basket

Lifts 15600 kg, total weight 20000 kg.

13 ft basket size.

Basic Information

External Dimensions LxWxH mm	4000x2802x5032mm
Internal Dimensions LxWxH mm	3800x2250x1030mm
TARE Load	4400KG
Payload	15600KG
Max Gross Weight	20000KG
Main Material	Q345B
Coating	HDG+Painting

20ft basket

Lifts 20185kg, total weight 25000 kg.

20 ft basket size.

Basic Information

External Dimensions LxWxH mm	6058x2438x1550mm
Internal Dimensions LxWxH mm	5758x2138x1275mm
TARE Load	4815KG
Payload	20185KG
Max Gross Weight	25000KG
Main Material	Q345B
Coating	HDG+Painting

Lifting Tools

Hydraulic Magnet

This uniqe Hydraulic Magnet is “the one and only” in the market, and fully developed in-house.
Great feedback from our customers!

The magnet is also used as a grabber bar that holds the ROV still with one arm, when executing operations with the other.

Magnetic capacity of up to 3600 kg.

ROV Chain Hoist

Chain hoists with mounted D-tail.
4 options available, with following capacities:
2 ton
3 ton
5 ton
10 ton

Shackle

Dimensions and wight
WLL: 25 Te
Length: 615 mm.
Width Ø: 412 mm.
Height: 415 mm.
Weight in air: 49 kg.
Weight in water: 42 kg.

Transponder bucket

Transponder bucket for
CNode mini transponders.

Can be equipped with clamps
for crane wire, TMS etc.

Subsea Brush

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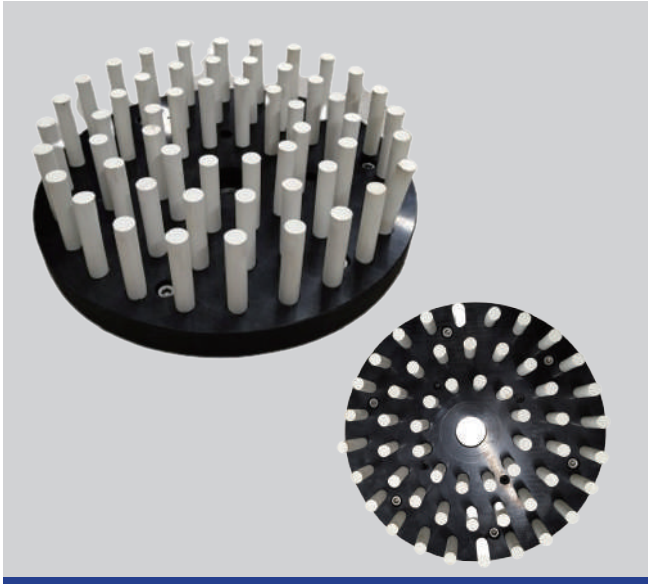
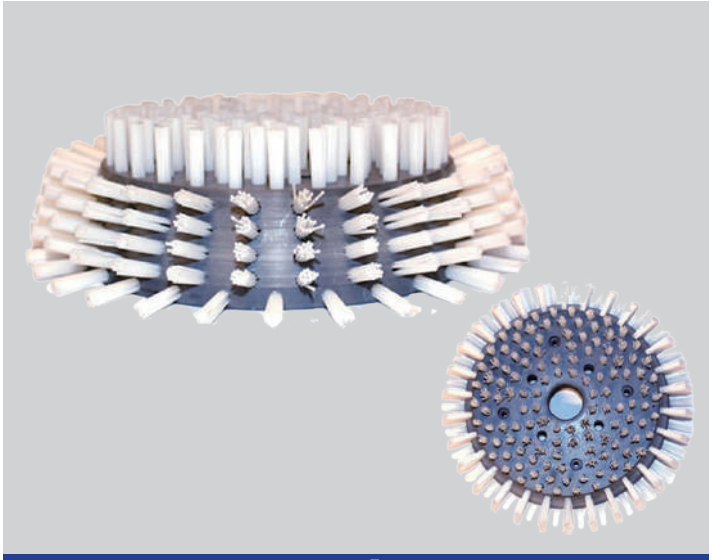
Stainless steel wire brush

Stainless steel wire brush.
Perfect for tough cleaning and deburring.
Can be fitted with stainless steel or carbon steel wires.
Dimensions and weight:
Wire Ø8mm/Ø10mm
Wire length: 150 mm., 100 mm. working length
When rotating: Total working diameter 400 mm. (15.7″)
Air weight: 3.20/3.90kg



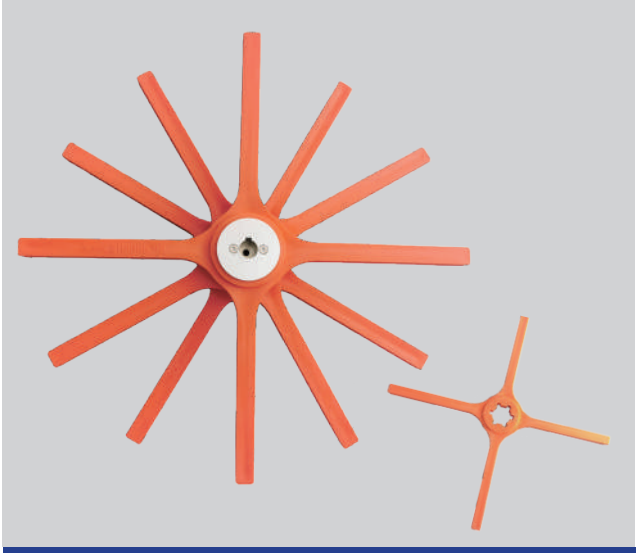
Brush-polyurethane

Brush made from polyurethane.
Suitable for cleaning and comprehensive cleaning of ship bottom
The polypropylene bristles effectively clean fiberglass, aluminum, steel, and wood surfaces without causing damage.



Nylon Coil Brush

The Nylon coil brushes are used for these maintenance tasks at depths of up to 1.5 kilometers. Mounted on the robot arms, the Mink disc brushes reliably remove algae and dirt from the pipelines so that the pipes can be inspected for leaks and damage. Here, the brushes must be able to withstand requirements such as high water pressure and salt content.



Polyurethane Brush

New PU Brush
3 pieces/set
Size and weight:
Diameter: Ø630mm
Air weight: 4.35kg (including aluminum)
environmental friendly and Sustainable brush with three brushes can be easily replaced when worn out.

Sampling Tools

Multi-purpose-brushing-tool

Multi-purpose brushing tool.
Ideal for a variety of cleaning tasks.
Can be fitted with either nylon or steel bristles.
Dimensions and weight:
When rotating: Total working diameter 500 mm. (19.5″)
Weight: 18 kg. (40 lbs) with nylon bristles
Compatible with handle F3, and available with optional loop or T-handle for enhanced control.

Brass-chain-brush-tool

Perfect for heavy cleaning.
Can be equipped with brass or steel chain.
Chain Ø: 8 mm. (5/16″)
Chain length: 500 mm., 250 mm. working length
When spinning: Total work diameter 540 mm. (21″)
Weight in air: 21 kg. (46 lbs) with brass chain
Can be equipped with handle F5, and fishtail or D-handle for 7F

Gas Sampler

The Gas/Liquid Sampler is designed to measure gas/liquid flow and bring back samples from a subsea leakage.
The lower part of the funnel can be separated from the gas sampler, in order to get better access in confined spaces.
It was also designed to be operated by a work class ROV.

Sampling Bottle

Sampling bottle for ROV.
This tool, operated by a remotely operated vehicle (ROV), is ideal for collecting gas, liquid, or sediment samples from difficult-to-reach underwater environments.

ROV Tools

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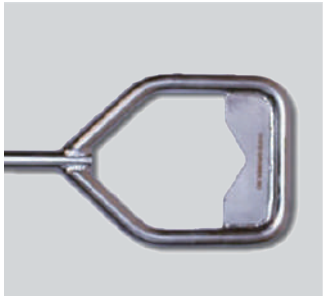
Fishtail ROV handle

ROV fishtail handles are suitable for a variety of work scenarios
Length: 310×Ø16mm



Fishtail ROV handle

ROV fishtail handles are suitable for a variety of work scenarios
Length: 310×Ø16mm

ROV-knife

ROV knife embedded in a fishtail.
Can be used in a wide variety of situations such as for cutting rope, hoses, and wires, etc.
Length: 500 mm. x 15 mm.

ROV handles with flange

Fishtail	Flange Ø 70 mm
D-tail	4 holes Ø 6.5 mm
Flexjoint	PCD 56 mm

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Note

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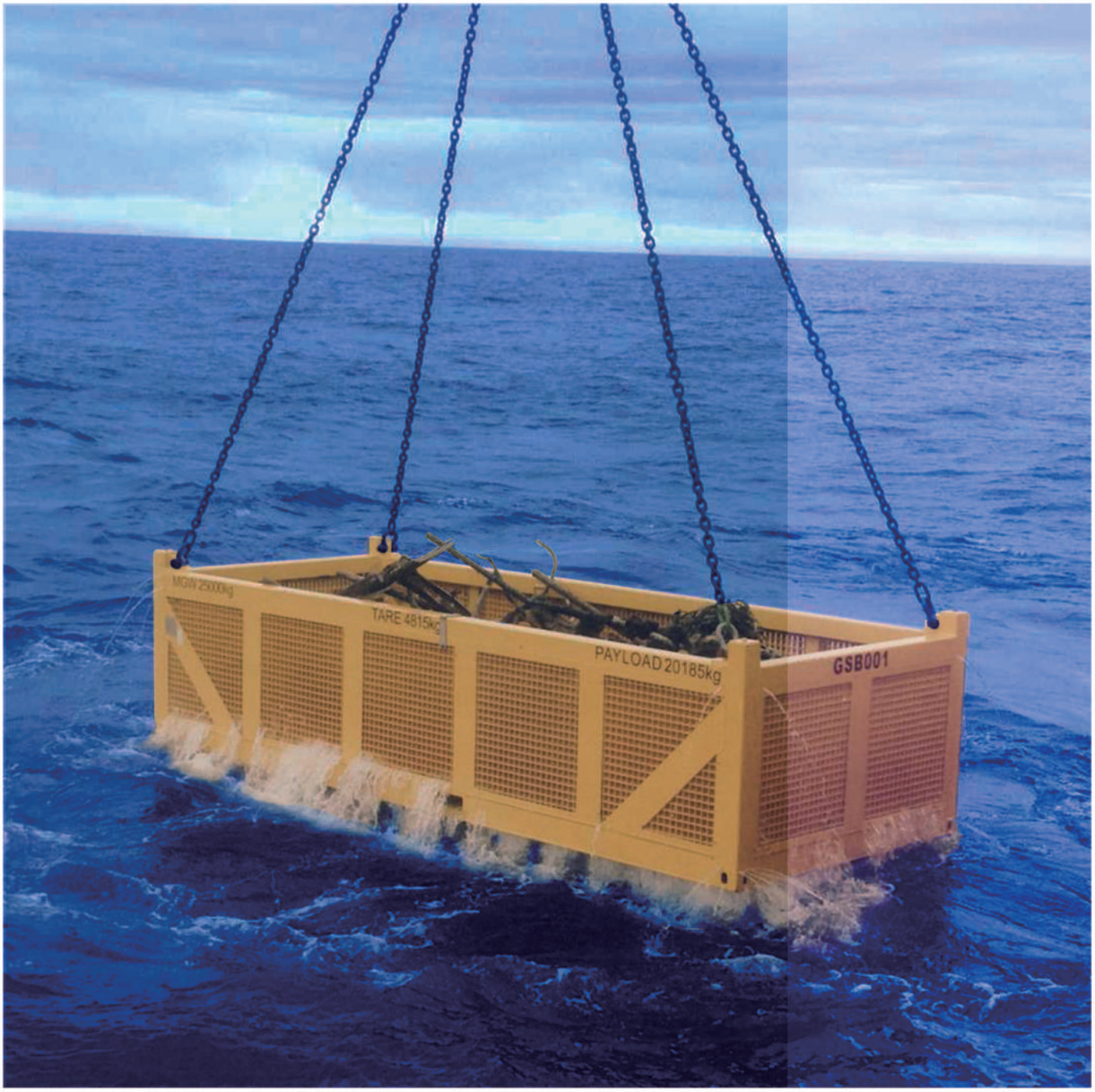

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