



Dredging

MacArtney products and solutions for dredging applications



MacArtney
UNDERWATER TECHNOLOGY



Why choose MacArtney

MacArtney offers cutting-edge underwater technology products and system solutions to a wide range of operators, projects and applications within the dredging industry. MacArtney holds a 35 year track record of supplying off-the-shelf, integrated and customised solutions alike. Empowered by professional dedication and experience, we have obtained the specialist knowledge and know-how that is essential to provide effective engineering solutions and technologies that can withstand the harsh dredging environment. Our expertise from the design stage through delivery to installation - coupled with qualified and timely support helps reduce lead time, optimise pricing and minimise service related downtime.

MacArtney solutions

The MacArtney dredging portfolio ranges from fairly simple cable and connector products via advanced fibre optic telemetry systems to the state-of-the-art integrated systems merging our engineering capabilities, products and systems to form advanced, rugged yet user friendly underwater solutions. All MacArtney products and solutions are designed, manufactured and tested to provide high quality and reliable performance in challenging underwater environments.

Examples of products and system solutions for hopper dredges:

- Underwater connectors for power, signal and data transfer (wet and dry mate technology)
- Moulded cables and assemblies
- Cable terminations
- Stainless steel and moulded junction boxes
- LUXUS underwater cameras, lights and accessories
- LUXUS Dual 360° P/T
- Various sensors (inclination, pressure, vibration, proximity etc.)

Examples of other products and system solutions for dredging applications:

- Marine winch and handling systems
- Slip rings and rotary products
- Multiplexers and telemetry systems
- Monitoring systems

Examples of other MacArtney products:

- A-frames and LARS
- Cable tensioners
- Turntables
- Cable protection and bend restrictors

MacArtney also offers several specialist workshop facilities and services including:

- Electronics and fiber optics workshop and test facilities
- Molding, cable assembly and termination facilities
- Standing stock of connectors and cables
- Slip ring service and repair facilities
- Hyperbaric pressure test facilities
- Field installation, service and technical support
- Dedicated training, service and maintenance packages
- 24/7 emergency support



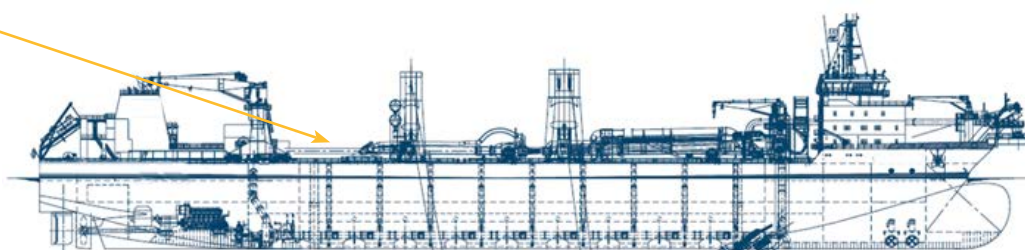
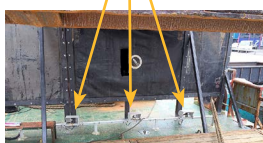
References (sample client list)

- Boskalis
- Damen Dredging Equipment
- Dutch Dredging
- Great Lakes Dredge and Dock Company
- Royal IHC
- Tideway Offshore Solutions
- Van Oord
- Weeks Marine



Gallery of solutions

Deck cameras (bomb check)



Cameras and lights

Sensors (examples):

- Inclination
- Pressure
- Vibration
- Proximity

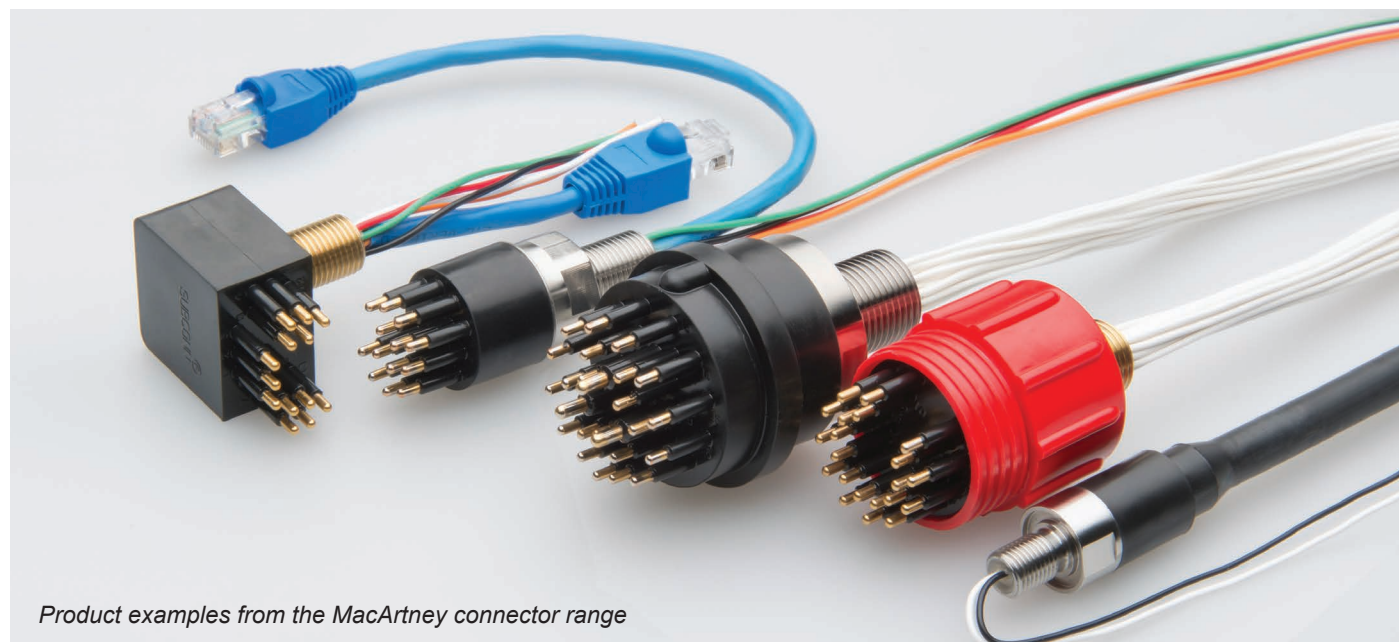


Moulded cable

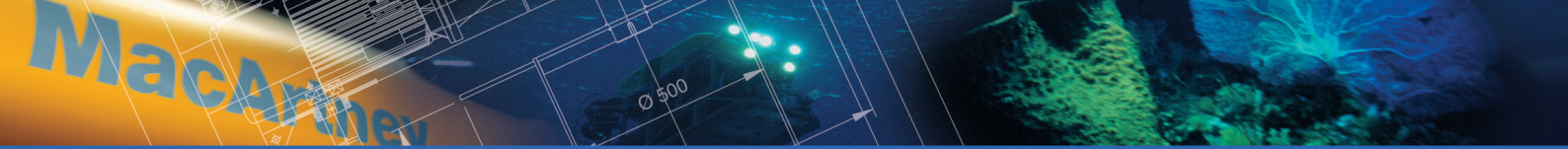
PUR blocks
and V-blocks

Junction box

General application overview



Product examples from the MacArtney connector range



Examples of MacArtney cable assemblies



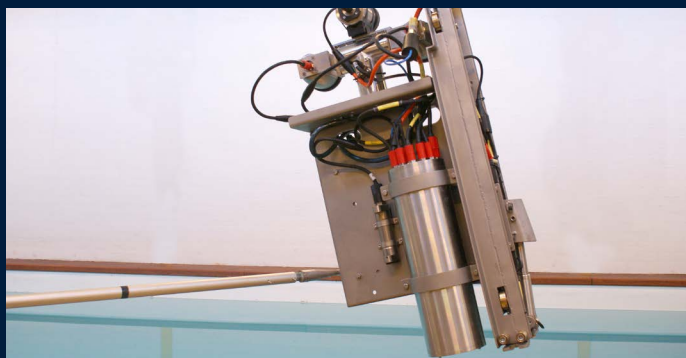
Examples of MacArtney junction boxes and distribution blocks

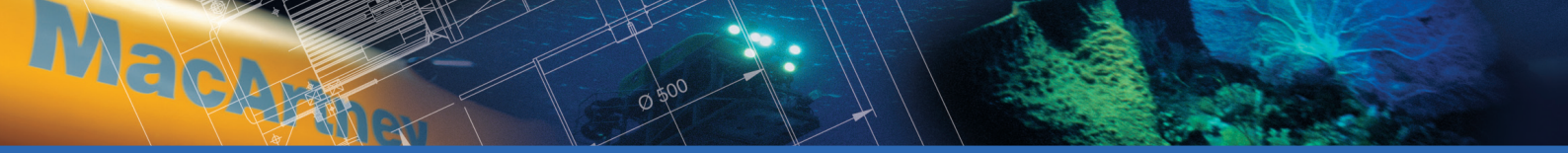


Examples of MacArtney overmould capabilities



Examples MacArtney LUXUS of cameras and lights





The MacArtney Group

MacArtney specialises in the design, manufacture, sale and service of underwater technology solutions to offshore oil, gas and marine renewable energy industries, oceanographic institutes, survey and subsea contractors, civil engineering, diving and navy clients. MacArtney offers a broad variety of cutting-edge products and integrated systems, all designed and tested to perform in challenging underwater environments.

MacArtney brands include SubConn®, OptoLink, TrustLink and GreenLink connectivity solutions, NEXUS and EMO telemetry systems, CORMAC and MERMAC winch and

handling systems, FOCUS, TRIAXUS and FLEXUS ROTVs and LUXUS underwater cameras and lights.

The MacArtney Group is a privately owned corporation established in 1978. The group headquarters is located in Esbjerg, Denmark. Worldwide, a total of 15 dedicated MacArtney operations located in Denmark, UK, Norway, France, the Netherlands, Germany, USA, Canada, China, Singapore and Australia are set to provide timely and helpful support - while offering the best solution for your underwater technology needs.



Useful links

MacArtney offerings to the civil engineering industry - [click here](#)

MacArtney connectivity products and solutions - [click here](#)

MacArtney LUXUS cameras and lights - [click here](#)

MacArtney MERMAC R winch and handling systems - [click here](#)

MacArtney MERMAC S winch systems - [click here](#)

Moog Focal rotary solutions available with MacArtney - [click here](#)

MacArtney telemetry systems - [click here](#)

MacArtney website - www.macartney.com



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