

CEMAC Cable Carousels

Proven technology for safe cable handling



MacArtney CEMAC electrically driven carousel solutions are robust and energy-efficient cable handling systems that safely store and install on- and offshore power and telecom cables.

The CEMAC cable carousels feature durability, high performance, and easy integratability. They are available in standard and custom configurations and are easily combined with linear cable engines, track tensioners, power quadrants, trenchers, spooling arms etc.

All offshore CEMAC cable carousels are constructed in compact and modular systems, being easily mobilised and cost-effective in terms of transport. All main components are standardised, which facilitates adaptation and upgrading to the required performance and capacity.

Using standard software control systems, the CEMAC cable carousels are fully synchronised with all the MacArtney cable equipment. The CEMAC cable carousels also comply with most third-party equipment, enabling integration into almost any cable lay system.

The CEMAC carousel particularly features accurate control and good dynamic properties during acceleration and deceleration.

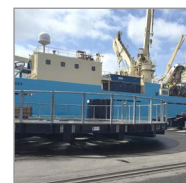
The CEMAC cable carousels are available with a remote diagnostics tool which enables MacArtney technicians to remotely monitor and supervise in real time. By eliminating unnecessary offshore engineering support, this unique feature generates substantial cost-savings to owners and operators.

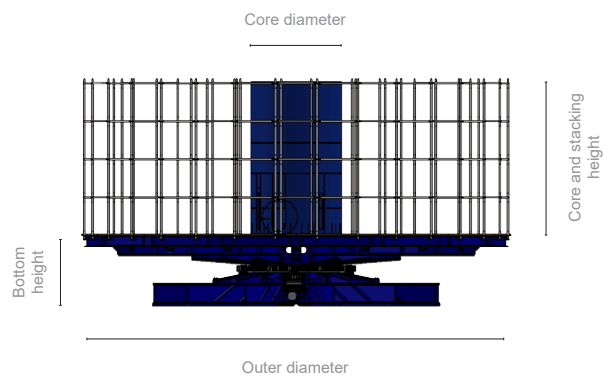
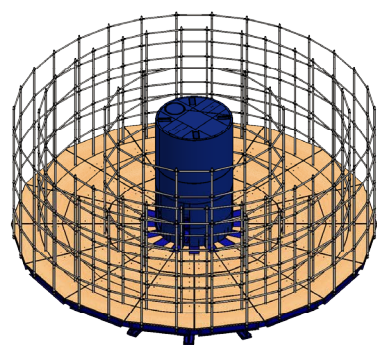
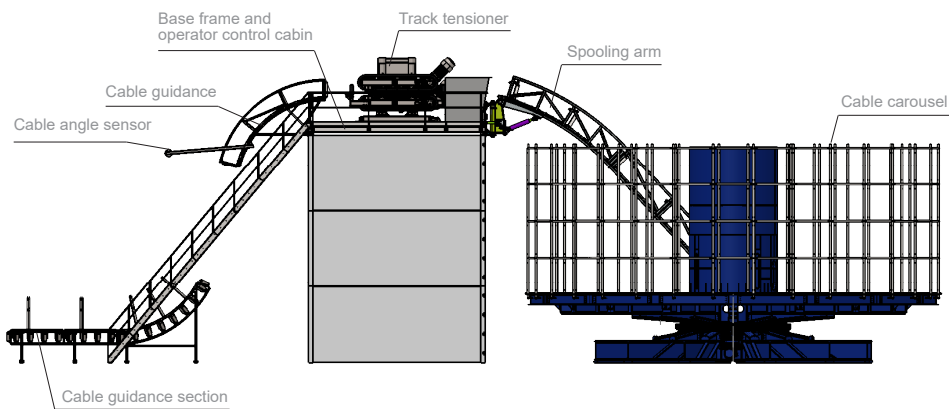
Features and benefits

- Compact and modular design
- Standardised and exchangeable components
- Designed for easy integration
- All structural components in painted carbon steel
- Electrically driven
- Long and proven track record
- Low noise operation

Options

- Remote diagnostics tool
- Service and maintenance programme
- Spare parts package
- Remote control
- Wireless remote control
- Spooling arm
- Base frame
- Containerised control system
- CE marking
- Tarpaulin cover
- Internal/external A/C for storing carousels
- Bull ring extensions
- Different diameters and heights
- Certification according to DNVGL-ST-0378 (2.22)





Specifications

Capacity	400 mT	600 mT	1200 mT
Core diameter (mm)	3,000	3,000	3,000
Outer diameter (mm)	12,000	14,000	20,000
Core height (mm)	1,000 - 5,000	1,000 - 5,000	1,000 - 5,000
Bottom height (mm)	2,300	2,300	2,300
Stacking height (mm)	1,000 - 5,000	1,000 - 5,000	1,000 - 5,000
Weight (kg)	84,000	96,000	150,000
Drive station (kW)	44	66	88
Speed (m/hour)	500 – 1,500	500 – 1,500	500 – 1,500
Power supply (V, Hz)	3x400/440, 50/60	3x400/440, 50/60	3x400/440, 50/60
Static brake (%)	180	180	180
Dynamic brake (%)	130	130	130
Acceleration (sec)	5	5	5
Deceleration (sec)	< 5	< 5	< 5
Modularised for container transport	✓	✓	✓