

BCE 20kN-300

Bow cable engines WCSKN20-04, WCSKN20-05



Description

The *BCE 20kN-300* series bow cable engine has been designed to transfer various types of fibre optic and power cables up to 300 millimeter outer diameter. The system consists of two quadrants which are connected to a core chassis containing an electrically driven hydraulic power unit which is controlled by a wired remote control. Due to its versatility the *BCE 20kN-300* is suitable for transferring cables on land as well as onboard vessels.

Overall dimensions	Length 1.65 meter (excluding quadrants) Width 1.25 meter (excluding quadrants) Height 2.00 meter (excluding quadrants)
90° side quadrants	optional 3.5 meter or 4.5 meter radius
Weight in air	3.50 metric ton incl. quadrants
Work load limit	8.50 metric ton
Maximum cable weight	5.0 metric ton
Power supply	380 V, 50 Hz, 32 A or 440V, 60 Hz, 32 A
Wheel pairs	2 wheel pairs, wheel diameter 15 inch
Wheel drive	4 x hydraulic motors with cooled electric driven HPU
Working pressure	200 bar
Maximum pulling force	20 kN
Cable opening	Minimum 25 millimeter Maximum 300 millimeter
Speed control	0 – 50 meter per minute (0 - 3,000 meter per hour) Hydraulic drive with continuous variable speed and regulation in both directions
Control wire length	40 meter
Load control	Load cell prepared
Design certificate	DNV-GL (unlimited offshore use)