

Linear cable engine 5.0Te

Specifications

Technical details

Overall dimensions	4.6m L x 1.6m B x 1.3m H
Weight in air	3.5Te

Capability

Working pressure	280bar
Max. line tension force	50kN (can be increased to 70kN)
Cable opening min.	0mm / Max. 250mm
Speed control	0 –50 m/min (0 -3,000m/h)
Wheel pairs	5x wheel pair with wheel ø 620mm/each
Wheel drive	10x hydraulic motors with individual gear boxes and hydraulic brakes

Power

HPU	75kW 2.8m L x 1.1m B x 2.2m H – 2.4Te
Required supply	440V, 60Hz, 3 phase

Length measurement

Temporarily installed frame-mounted load cell
Hohner Encoder, HWI103S-2021R073-3600

Control

Manual via joystick
Constant speed
Constant tension
Wheel pairs can be opened, closed, started and stopped either simultaneously or separately
Operations via remote control console c/w local and remote emergency stop

Tension measurement

Permanently installed frame-mounted load-cell
PAT Krüger with 0-10,000 kg capacity

