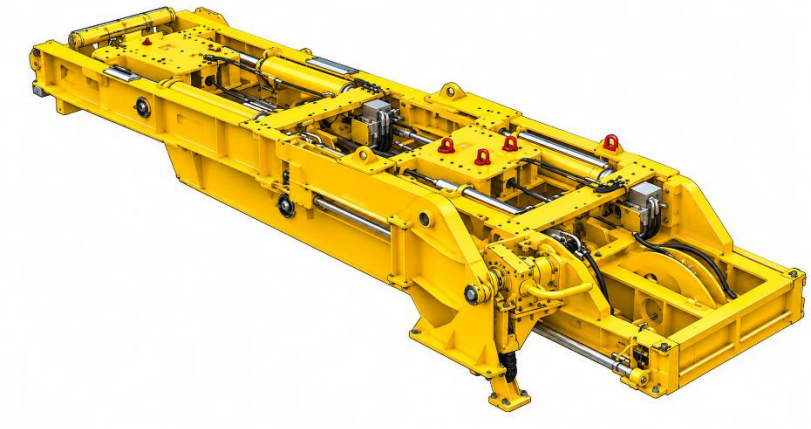
Linear winch 120 Ton
FOR USE IN HAZARDOUS AREA ZONE 1

RENTAL ID 5655



Continuous hydraulic linear winch for heavy lifting and lowering up to 120 tons SWL.

Built by Kley France for offshore use in hazardous area zone 1.

FEATURES

- 120 T SWL at full displacement
- Hoisting speed 0 – 4.5 m/min
- Wire rope up to Ø78 mm, low rotation
- Low-rotation wire rope, high/low gear and hydraulic sealing valves bolted on the cylinders.
- Quick connect hydraulic couplings (SnapTite 71 series).

GENERAL

Owner	KOLOS Lifting & Inspection AS
Type / model	Hydraulic linear winch // Kley KTC 120 // Zone 1
Manufacturer	Kley France
Year of manufacture	2016
Temperature	-20 to +40 °C
Atmosphere	Offshore, saliferous, 100% humidity
Inertia	+/- 0.1 g horizontal, any direction // +/- 0.2 g vertical

CODES / APPROVALS

Design codes	NPD Regulations relating to Lifting Appliances // DNV Rules for Certification of Lifting Appliances // Machine directive 2006/42/EC // Maskinforskriften 2009-05-20-544
Certificate	ILO Form 3
Machinery class	FEM M5

PERFORMANCE

Capacity	120 T SWL at full displacement
Hoisting speed	0 – 4.5 m/min at full displacement
Service	Hoisting / lowering (material handling)
Wire rope	Max Ø78 mm, low rotation

HYDRAULIC

Drive system	Hydraulic piston
Pressure	Max 2 x 290 bar (grippers A and B)
Flow	Max 2 x 200 l/min (grippers A and B)
Oil type	Mineral oil, viscosity grade VG 32 (32 cSt @ 42 °C), with high viscosity index and HP/antifouling additives
Connections	Quick connects, SnapTite 71: pressure 1 1/4" FM // tank 1 1/4" M // drain 3/4" FM // load sensing 1/4" M

MECHANICAL

Size L x W x H (mm)	6690 x 1548 x 835
Weight net	10 490 kg