Hydraulic crane 45 Tm
FOR USE IN HAZARDOUS AREA ZONE 2

RENTAL ID 144294



When reliability and lifting power matter most, the 45 Tm hydraulic crane delivers.

Designed for maritime and offshore operations, it combines robust lifting capacity, precise control, and Zone 2 safety compliance to handle demanding tasks in harsh environments.

FEATURES

- Engineered for precise and heavy duty lifting.
- Compact footprint ideal for compact setups
- With radio remote control
- 2 falls option
- 360° slewing
- Load moment limit

TECHNICAL SPECIFICATIONS

- Hydraulic systems: Quick mount and drip secure hydraulic connectors mounted in front of unit (SnapTite 71 series)
- Area class: For use in hazardous area zone 2 *1

CERTIFICATION

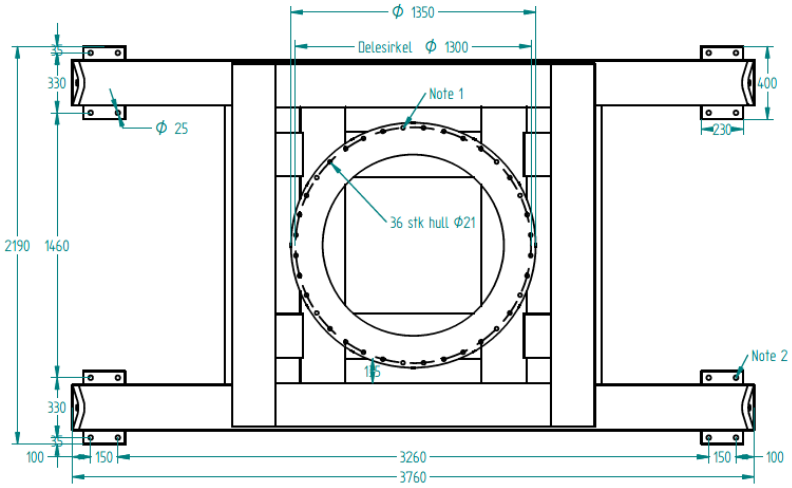
- Lifting Gear: Certified lifting gear included for secure lifting.
- Loler certified
- Documentation: According to NORSOK Z-015

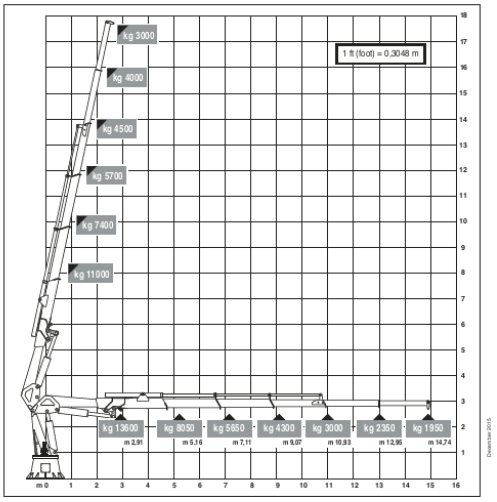
RENTAL PACKAGE EQUIPMENT

- HPU 22kW ID 4989 & 5190
- Option: Accumulator bank for emergency lowering rental ID 5093 or 5189

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GENERAL

Owner	KOLOS Lifting & Inspection AS
Type and model	Knuckleboom crane // Heila HLRM45-5S // HC45
Ambient conditions	Temperature: -20 to +30 °C
Wind limitations	25 m/s (in use) // 50 m/s (parked)
Hazardous area	Zone 2 *1
Winch / Capacity	Yes / 4000 kg
Controls	Radio remote & local

CODES / APPROVALS

CE marked	Yes (522 & 89/392/CEE)
Design standard	DIN 15018 H1/B2
ATEX	Yes (ATEX directive 94/9/EC)
Lifting DNV 2.7-1	Yes
NORSOK	Z-015 (U99, normally unmanned)
Loler	98 (DNV verified)

HYDRAULIC

Pressure	230 bar
Flow	70 l/min
Oil type and filter	Mineral oil, viscosity grade 32
Connections	SnapTite 71 series (drip-free connections)

MECHANICAL

Size L x W x H (mm)	4400 x 2190 x 4072
Weight net (kg)	12500 kg
Hook	WLL 22T
Hydr. reach / capacity	14740 mm / 1950 kg
Main boom / capacity	5160 mm / 8050 kg
1st extension	7110 mm / 5650 kg
2nd extension	9070 mm / 4300 kg
3rd extension	10930 mm / 3000 kg
4th extension	12950 mm / 2350 kg
5th extension	14740 mm / 1950 kg
Slewing	360°
Fastening	Bolted or welded

ADDITIONAL EQUIPMENT

Winch / Capacity	Yes / 4000 kg
Fune block / Capacity	No
Hook weight	Yes
Hook	Yes / WLL 8T

ADDITIONAL

1* Atex condition	It is only valid with Kolos HPUs.