

Hydraulic crane 23 Tm

FOR USE IN HAZARDOUS AREA ZONE 1



When reliability and lifting power matter most, the 23 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
- 400deg slewing
- Load moment limit

Technical specifications

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

Certification

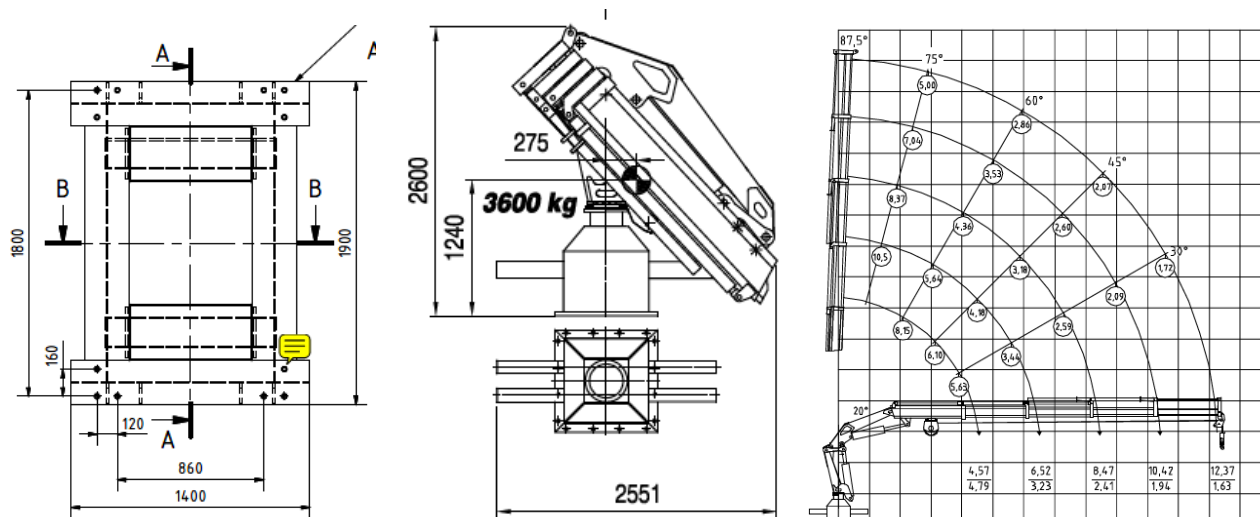
- Lifting Gear: Certified lifting gear included for secure lifting.
- Norsok R-002
- Documentation: According to NORSOK Z-015

Rental package equipment

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

Knuckleboom crane 23Tm: HMC250

FOR USE IN ATEX ZONE 2 RENTAL ID 4647 & 5136



Knuckleboom Crane 23 Tm

GENERAL

Owner	KOLOS Lifting & Inspection AS
Type and model	MKG HMC250
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 / 3000 kg
Controls	Radio remote & Local

CODES / APPROVALS

CE marked	Yes (2006/42/EC)
Design standard	DIN 15018
ATEX	Yes (ATEX directive 94/9/EC).
Lifting DNV 2.7-1	Yes
NORSOK	Z-015 (U99, normally unmanned)
EX class	
(completion)	Ex Ib IIB T4 *1

HYDRAULIC

Pressure	280bar
Flow	45 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)	2551 x 940 x 2600
Weight net (kg)	3600 kg
Hook	
Hydr. Reach / Capacity	12370 mm / 1630kg
Main boom / Capacity	4570 mm / 4790kg
1 st extension / Capacity	6520 mm / 3230kg
2 nd extension / Capacity	8370 mm / 2410kg
3 rd extension / Capacity	10420 mm / 1940kg
4 rd extension / Capacity	12370 mm / 1630kg
Slewing	400deg
Fastening	Bolted or welded

Additional Equipment

Winch / Capacity	Yes / 3000 kg
Fune block / Capacity	No
Hook weight	
Hook	

Additional

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