

HMF 2243Z-RCS

The HMF 2243Z-RCS is a strong and sturdy grab crane with an amazing performance.



Main benefits

- Radio remote control system for total freedom
- High performance
- Long lifespan

A wear-resistant crane stowable with grab

The HMF 2243Z-RCS is radio remote controlled and is as standard equipped with HMF's HDL/HD5 system that provides an increased lifting capacity when needed.

The crane combines a very low height with a long reach, a flat mounting surface in stowing position and even transport in this position with rotator and grab.

Additionally, the crane can be delivered with HMF's load-dependent EVS system monitoring and ensuring stability.

SafeFold system for controlled unfolding of the crane

The SafeFold function protects the cylinders and the structure of the 2243Z crane when passing its dead-point. The system slows down the movement of the jib before it reaches the dead-point.

Moreover, the system limits the oil pressure when the jib cylinder reaches end of stroke to prevent damage on the cylinder.

The speed and oil pressure limitation intervenes automatically, but the operator must activate the levers of the radio remote control to unfold the crane.

PERFORMANCE	2243-Z2
Load Moment (tm)	20,7
Hydraulic reach (m)	9,1
Weight excl. stabilizers (Kg)	2300
Weight of stabilizers, standard (Kg)	290
Lift-to-weight ratio	8
Slewing Angle (°)	400
Slewing torque (kgm)	2750
Working pressure (bar)	330
GEOMETRY	
Height above mounting surface (mm)	2445
Width, folded, standard (mm)	2500
Length of crane, no extra valves (mm)	860

Lifting Capacity

2243-Z2-RCS



Basics and options

Basics

HMF 2243Z-RCS

Electronic speed adaptation, HDL-d
Progressive crane control
Priority flow control
Proportional control valve PVG 32
Internal hose routing
Single power plus link arm system at the column
Environmentally friendly quality coating
RCL safety system

Options

Control stations
High stand RCS
Control systems
Radio remote control Maxi
Radio remote control Mini
Electrical options
Spotlight
Voltage
Hydraulics
4 manually controlled available stabilizer functions
2 manually controlled available stabilizer functions
1-4 available radio remote-controlled functions
Biodegradable oil
Oil tank 140 l mounted on the crane
Oil cooler, medium
Radio remote control of stabilizer beams and stabilizer legs on crane
Rotator suspension with hook
Temperature monitoring
Mechanical options
Crane orientation
Shielding of load-holding valve
Shielding of jib cylinder
Mounting bolt kit
Fittings for mounting bolt kits
Mechanical slew limitation
Stabilizer operation from high stand
Stowing bracket for grab
Protection kit for jib
Stability and safety
Electronic vehicle stability - EVS
Cylinder limitation
Cylinder and beam limitation
2-section Cylinder and beam limitation
2-stage load moment limitation
Preparation for alternative stability system
Stabilizer duty control
Alarm flash on stabilizer legs
Light tower
High stand safety system - basic
High stand safety system - envelope
High stand safety system - quadrant
Beam and height warning

Beam and park warning
Stabilizer leg warning
Stabilizer beams and legs
Hydraulic swing-up stabilizer legs
Manual swing-up stabilizer legs with gas spring
Manual swing-up stabilizer legs
Fixed vertical stabilizer legs
Fixed vertical stabilizer legs, long
Footplate with ball joint
Footplate extended
Hydraulic stabilizer beams 5.6 m - 6.5 m
Manual stabilizer beams 5.6 m
Colours
RAL colors