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.

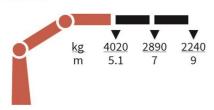
Moreover, the system limits the oil pressure when the jib cylinder reaches end of stroke to prevent damage on the cylinder.

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







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

| Cambua | stations |
|--------|-----------------------------|
| | III. No also had fall a Lin |

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 I 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