1943-Z

HMF

- power to lift

LOADING GROUP HC1/B3		1943-Z2-HS10-D
Type		Z
TECHNICAL DATA		
Load moment	tm	18.1
Hydraulic reach	m	9.1
Slewing torque	kgm	2750
Slewing angle	°	400
Working pressure	bar	295
Weight excl. stabilizer legs	kg	2300
Weight of stabilizer legs, standard	kg	290
Pump performance	l/min	60-80
Max. heel at max. load moment	°	5
Power consumption	kW	30-40
GEOMETRY		
Height above mounting surface	mm	2445
Width, folded	mm	2500
Length of crane, no extra valves	mm	-
Length of crane with HS10 and 2 internal extra valves to the end of the extensions	mm	885
Single Power Plus link arm system at column		Basic
Z-boom system for stowing with grab		Basic
Hook height 1.1 m from column	m	2.70
CONTROL MODE		
Manual operation of crane from stand-up platform (HS10)		Basic
Manual operation of crane from the ground (dual control)		Basic
Stabilizer control from the ground		Basic
Operation of the stabilizer legs up/down from HS control position		Option
CONTROLS		
6 function proportional LS control valve, type (-d)		Basic
Prepared for variable flow pump		Basic
2x3 function (dual circuit) control valve type (-h)		Option
Control valve type (-h) for operation of stabilizer legs and beams		Option
RCL 5300 Safety System		Basic
ECT 5320 external stop button with remote control of the RCL 5300		Basic
Full working speed in the entire working area		Basic
OPTIONS: HYDRAULIC EQUIPMENT		
Oil cooler		Option
High-pressure filter		Option
Hydraulically extensible stabilizer beam		Option
Mechanical limitation of the slewing area 210°		Option
Stowing bracket for grab		Option
2 or 4 available functions for operating the separate traverse		Option
Biodegradable oil		Option
Shielding of jib cylinder		Option
OTHER EQUIPMENT		
Protection kit for jib		Option
EVS stability monitoring system for manually operated cranes		Option
Spotlight on stand-up platform		Option
Spotlight on jib (2 pcs.)		Option
Rotator suspension with hook (FR 15)		Option
Hydraulic swing-up stabilizer leg		Option
Manual swing-up stabilizer leg with gas spring		Option

HMF RCL 5300

The system monitors all safety functions and shows the current load moment on the crane.

EVS - active securing of stability

The EVS system carries out active monitoring of vehicle stability in the entire 360° working area around the vehicle. The system includes the load on the vehicle.

Minimum space requirements

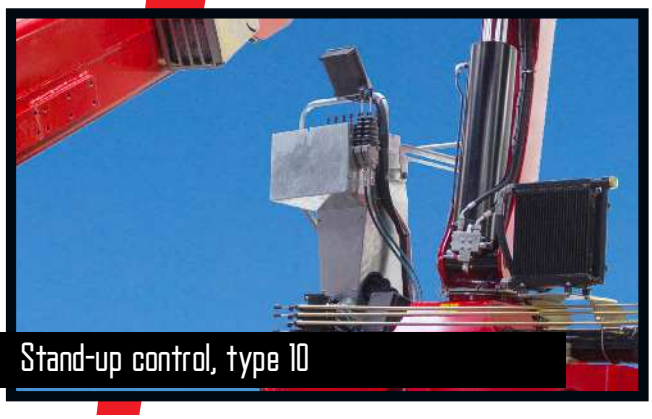
Minimum space requirements give you more space on the truck body - and better economy.

Flat mounting surface

When the crane is stowed only a small part of the jib extension system takes up space beneath the base of the crane.

Immaculate finish - year after year

HMF does not compromise on the surface treatment. This is made possible thanks to HMF's ZetaCoat pre-treatment followed by EQC powder coating, ensuring that corrosion never takes over. We guarantee that you obtain the best imaginable paint quality - a quality that never fades and that can withstand damage. A crane that is intensively used must be able to withstand the hardest wear; The paint must not flake off or show signs of crazing, and the surface must remain as undamaged as possible for the entire life span of the crane.



Stand-up control, type 10

On the HS10-model the crane's control valve is placed on the stand-up platform. The dual-control levers at the ground are connected to the control valve of the crane via precise connecting rods. With a type 10 stand-up platform, the crane operator is in direct contact with the levers of the control valve and at the same time he has an increased visibility of the crane movements in the entire working area.

Adaptable stabilizer solutions

The stabilizer legs of the crane are to ensure stability - however they still have to be sturdy, easy to handle and must not take up too much space when not in use. Therefore you can choose between fixed stabilizer legs, manual swing-up stabilizer legs to 180° with gas spring or fully hydraulic swing-up stabilizer legs to 180°. Stabilizer beams can be freely selected as hydraulically extensible or manually extensible and also in connection with the sophisticated EVS stability monitoring system.

Extra valves with variation

Extra valves (2 pcs.) are fed internally in the extension system in sturdy and efficient nylon drag chains in the jib extension system.
Even with the many repeated movements, a longer life-span is achieved for the hydraulic hoses and pipes of the extra valves as the stable and efficiently protected guiding prevents both damage due to wear and damage from objects in the working area.

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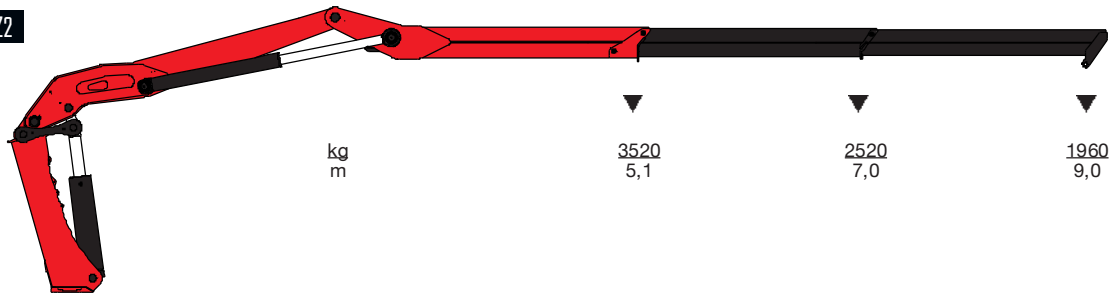

We reserve the right to introduce improvements and modifications

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