

1510-L

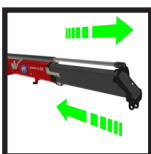


- power to lift





LOADING GROUP HC1/B3		1510-L1	1510-L2	1510-L3	1510-L4
Type				L-TS	
TECHNICAL DATA					
Load moment	tm	14.0	13.4	12.9	12.4
Hydraulic reach	m	7.5	9.6	11.8	14.0
Slewing torque	kgm		1760		
Slewing angle	°		400		
Working pressure	bar		300		
Weight excl. stabilizer legs	kg	1435	1575	1710	1845
Weight of stabilizer legs, standard	kg		200		
Pump performance	l/min		50		
Oil tank capacity, separate tank	l		100		
Power consumption	kW		25		
GEOMETRY					
Height above mounting surface, horizontal boom	mm		2520		
Height below mounting surface, horizontal boom	mm		1880		
Length of crane	mm		775		
Long main boom			Basic		
Single Power Plus link arm System			Basic		
Over-bending on crane	°		15		
Hook height 1 m from column	m	3.4	3.4	3.3	3.2
CONTROL MODE					
Manual operation of crane from top seat				Basic	
Operation of crane functions via joysticks and foot levers				Basic	
Left hand: "Slew" and "Jib". Left foot: "Grab"				Basic	
Right hand: "Rotator" and "Boom". Right foot: "Extension"				Basic	
Manual operation of stabilizer legs "up/down" from top seat				Basic	
Manual operation of stabilizer beams "retract/extend" from top seat				Option	
CONTROLS					
RCL 5300 Safety System				Basic	
Control valve type (-d) for crane operation, single circuit				Basic	
Control valve type (-h) for operation of stabilizer legs and beams				Basic	
Full working speed in the entire working area				Basic	
OPTIONS: HYDRAULIC EQUIPMENT					
Prepared for variable flow pump				Basic	
High-pressure filter				Basic	
Oil cooler				Option	
Oil tank fitted on crane				-	
180° hydraulic swing-up stabilizer leg				Option	
2 extra valves in hose guides		Option	Option	Option	Option
2 extra valves in hose reels internally in the jib extensions		-	-	-	-
4 available functions for separate traverse				Option	
Biodegradable oil				Option	
OTHER EQUIPMENT					
Ladder to top seat				Option	
EVS stability monitoring system for manually operated cranes				Option	
Work light on crane				Option	
Shielding of piston rod, jib cylinder				Option	
STF alarm flash on stabilizer legs				Option	
ECT 5320 remote control of all functions of the RCL box				Basic	
Manual swing-up stabilizer leg with gas spring				Option	



Oil Regeneration System

A particular hydraulic valve on the hydraulic extensions of the crane optimises the speed of the extension system.



Central Lubrication

The base is equipped with a central greasing point for easy access to maintenance.



HMF RCL 5300

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



Single Link Arm System

HMF single Power Plus link arm system has a smooth and excellent lifting capacity at long reach.



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.



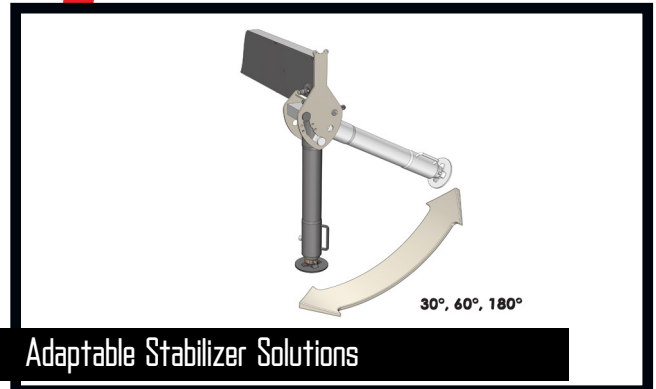
Top Seat with Joystick Control

The crane is operated by joysticks in combination with foot levers. The Danfoss PVG 32 control valve with variable flow pump provides a quick and very precise control of movements. The lever sequence is: Left hand: "Slew" and "Jib". Left foot: "Grab". Right hand: "Rotator" and "Boom". Right foot: "Extension".



Corrosion and Wear and Tear

All painted surfaces are coated with EQC surface treatment, and all hydraulic pipes are finished with Zistaplex coating. All hydraulic components are coated with a zinc-nickel surface treatment to be able to pass the strict 720 hours salt spray test (EN/ISO 9227 standard), and all parts of stainless steel are corrosion-resistant.



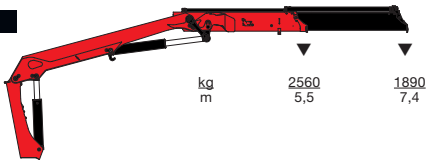
Adaptable Stabilizer Solutions

The stabilizer legs of the crane are to ensure stability - however they still have to be 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, also in connection with the sophisticated EVS stability monitoring.

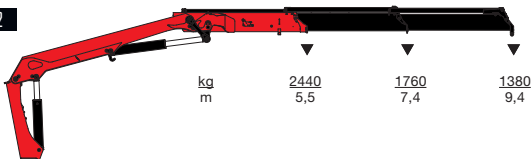


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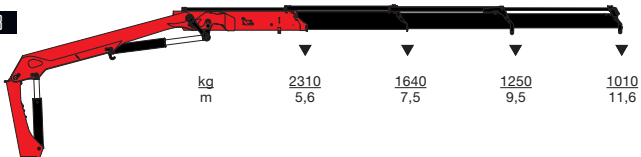
HMF 1510-L1



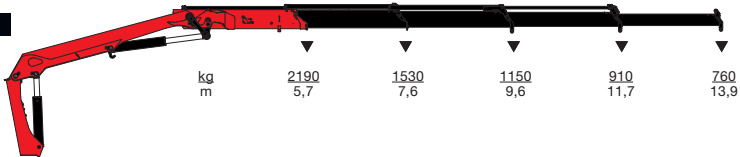
HMF 1510-L2



HMF 1510-L3



HMF 1510-L4



▼ Lifting capacity without manual extensions
 ▽ Lifting capacity with manual extensions



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HMF Group A/S

Oddervej 200 · DK-8270 Højbjerg
Tel.: +45 8627 0800 · Fax: +45 8627 0744 · info@hmf.dk

www.hmf.dk

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We reserve the right to introduce improvements and modifications