

# 2110-L



- power to lift





LOADING GROUP HC1/B3		2110-L2	2110-L3	2110-L4	2110-L5
Type					
TECHNICAL DATA					
Load moment	tm	19.8	19.2	18.7	18.3
Hydraulic reach	m	9.5	11.5	13.5	15.5
Slewing torque	kgm		2800		
Slewing angle	°		450		
Working pressure	bar		300		
Weight excl. stabilizer legs	kg				
Weight of stabilizer legs, standard	kg		290		
Pump performance	l/min		70		
Oil tank capacity, separate tank	l		160		
Power consumption	kW		39		
GEOMETRY					
Height above mounting surface, horizontal boom	mm		2600		
Height below mounting surface, horizontal boom	mm		1980		
Length of crane	mm		880		
Long main boom			Basic		
Single Power Plus link arm system			Basic		
Over-bending on crane	°		15		
Hook height 1 m from column	m	3.90	3.90	3.80	3.80
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		
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		2110-L2	2110-L3	2110-L4	2110-L5
Prepared for variable flow pump			Basic		
High-pressure filter			Basic		
Oil cooler			Option		
Oil tank fitted on crane			Option		
180° hydraulic swing-up stabilizer leg			Option		
2 extra valves in hose guides			Option		
2 extra valves in hose reels internally in the jib extensions		Option	Option	-	-
2 or 4 available functions for operating the separate traverse			Option		
Biodegradable oil			Option		
OTHER EQUIPMENT		2110-L2	2110-L3	2110-L4	2110-L5
Ladder to top seat			Option		
EVS stability monitoring system for manually operated cranes			Option		
Spotlight on crane			Option		
Shielding of piston rod on jib cylinder			Option		
STF alarm flash on stabilizer legs			Option		
ECT 5320 remote control of all functions of the RCL box mounted at the dual control			Basic		
Manual swing-up stabilizer leg with gas spring			Option		



### Single link arm system

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



### Extra valves

2 extra valves are fed in sturdy hose guides out to 15.3 m or in internal hose reels out to 11.3 m.



### Danfoss control valve

Danfoss PVG 32 control valve with variable flow pump provides a quick and very precise control of movements.



### RCL 5300 Safety System

The RCL 5300 system monitors all safety functions and shows the current load moment on the crane.





Optimized boom system with limited space requirements

HMF's long boom crane has a very low height boom system for optimum stowing of the boom. The crane has an overall reduced height and a low boom system, as the first 3 extension cylinders are positioned flat next to each other on top of the extensions. The two last cylinders are placed inside the extensions.



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".



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.



EVS - active securing of stability

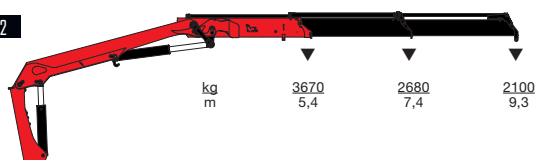
HMF's patent pending stability safety system, EVS, is continuously taking into account the current load on the vehicle so that crane and truck are in perfect balance. As the system includes the load on the truck body as a part of the tare weight of the vehicle, it means that you actually obtain a considerably larger working area with a load on the truck body - thanks to EVS.



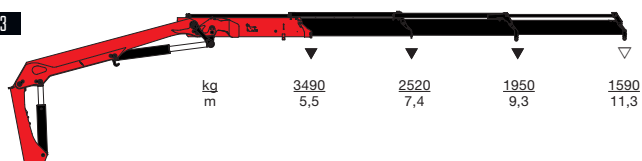
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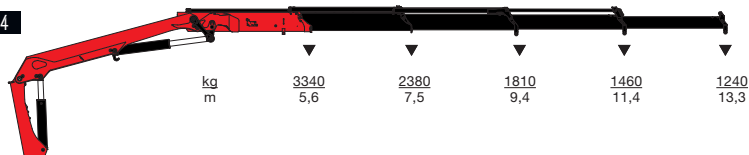
HMF 2110-L2



HMF 2110-L3



HMF 2110-L4



HMF 2110-L5



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



- power to lift  
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