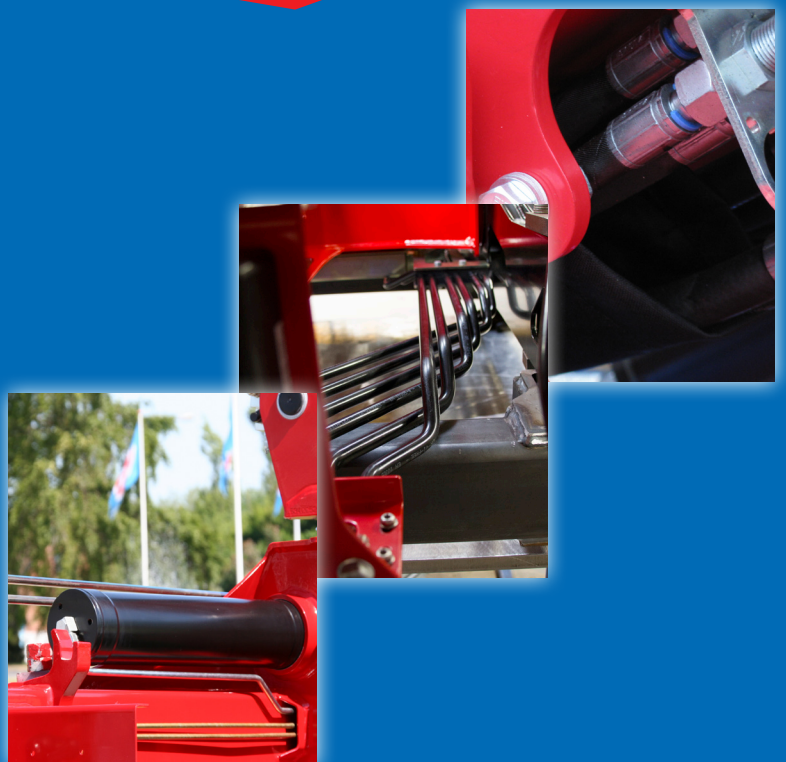


# 1100-KS



- power to lift





LOADING GROUP HC1/B3		1100-KS1	1100-KS2	1100-KS3
Type			K	
<b>TECHNICAL DATA</b>				
Load moment	tm	10.6	10.3	10.0
Hydraulic reach	m	5.3	7.5	9.8
Slewing torque	kgm		1325	
Slewing angle	°		420	
Working pressure	bar		300	
Weight excl. stabilizer legs	kg	1090	1215	1325
Weight of stabilizer legs, standard	kg		170	
Pump performance	l/min		40	
Oil tank capacity, separate tank	l		65	
Power consumption	kW		20	
<b>GEOMETRY</b>				
Height above mounting surface	mm		2135	
Width, folded	mm		2350	
Length of crane, no extra valves	mm		747	
Length with 2 extra valves in hose guides	m		868	
Dual Power Plus link arm system			Basic	
Over-bending on crane	°		15	
Hook height 1 m from column	m	3.30	3.18	3.07
<b>CONTROL MODE</b>				
Manual operation of crane (JS)			Basic	
Manual operation of stabilizer functions			Basic	
Dual control of crane and stabilizer functions			Basic	
Crane operation from stand-up controls			Option	
Operation of the stabilizer legs up/down from the stand-up platform (HS)			Option	
Radio remote control type RC-h			Option	
<b>CONTROLS</b>				
RCL 5300 Safety System			Basic	
Control valve type (-h) for crane operation			Basic	
Control valve type (-h) for operation of stabilizer legs and beams			Basic	
Full working speed in the entire working area			Basic	
<b>OPTIONS: HYDRAULIC EQUIPMENT</b>				
Oil cooler			Option	
High-pressure filter			Option	
Hydraulically extensible stabilizer beam			Option	
Multi-coupling for extra valves in hose guides			Option	
Extra valves in hose guides			Option	
Footplate with ball joint, standard or extended			Option	
2 or 4 available functions for operating the separate traverse			Option	
Biodegradable oil			Option	
74 l oil tank mounted on the crane			Option	
<b>OTHER EQUIPMENT</b>				
Number of manual extensions		1100-KS1	1100-KS2	1100-KS3
			1	1
EVS stability monitoring system for manually operated cranes			Option	
Work light on crane			Option	
Spotlight on crane operated via radio remote control			Option	
RC-h with joystick (J) or linear control (L)			Option	
ECT 5320 remote control of all functions of the RCL box mounted at the stand-up platform (HS)			Option	
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.



### HMF RCL 5300

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



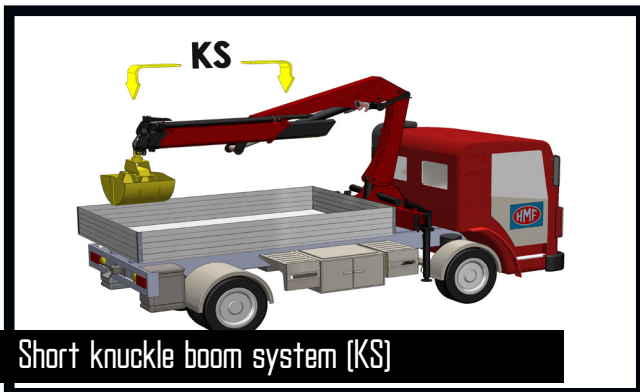
### Dual link arm system

The HMF dual Power Plus link arm system has an excellent lifting capacity at long reach and in high positions as well as it makes it possible to lift a heavy load close to the column.



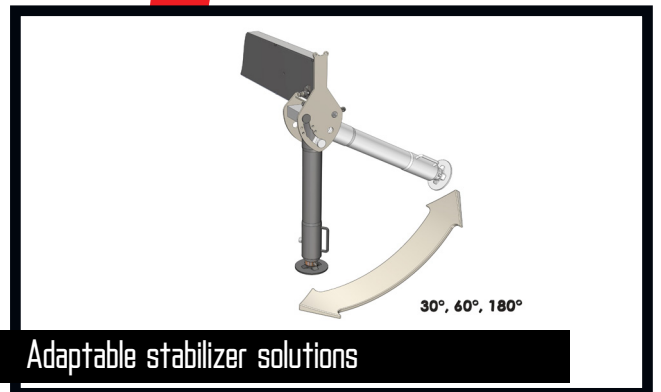
### Safety

All HMF cranes are supplied with safety solutions that work with the crane operator to carry out the job safely.



Short knuckle boom system (KS)

The short knuckle boom system (KS) is equipped with a shorter jib than a standard knuckle boom system. Thanks to a short knuckle boom system, the crane fitted with a grab can be stowed while extended in a platform body of 4 m without dismantling the grab. The lifting height close to the column is increased with more than 3 m and in this way offers the possibility of lifting tall items close to column. The boom system is available with 1, 2 or 3 hydraulic extensions.



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 30/60° or manual swing-up stabilizer legs to 180° with gas spring. Stabilizer beams can be freely selected as hydraulically extensible or manually extensible, also in connection with the sophisticated EVS stability monitoring.



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. This means that you obtain both an extraordinary high level of safety and larger capacity with EVS.

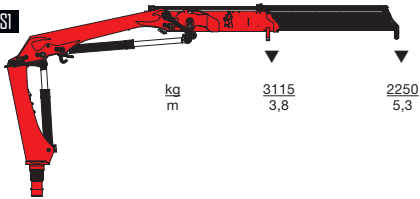


Stand-up control

With stand-up control, the crane operator has an increased overview of the crane movements. Especially when loading and unloading the platform body with e.g. grab or pallet fork, the crane operator has the full view of both the platform body and the working area. The crane operator is protected by the HSL or HSL-E safety system which prevents the crane from hitting the operator on the stand-up platform.



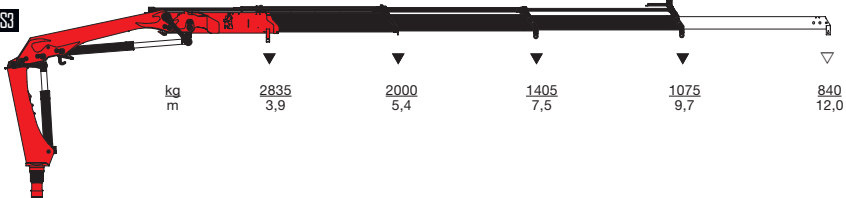
HMF 1100-KS1



HMF 1100-KS2



HMF 1100-KS3



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



**- power to lift**  
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We reserve the right to introduce improvements and modifications