

HLM CRANES:

Fully foldable
telescopic cranes
with rack and pinion
slewing system.



The HLM cranes with their rack and pinion slewing system are very compact and light. This makes the HLM type ideal for use on small vessels, especially where space is limited. Cranes of this type, our 'workhorses of the sea', are indispensable for auxiliary vessels including multifunctional work boats, tugs and pontoons.

CHARACTERISTICS:

- The crane is able to work in any configuration; with boom extended upwards or folded downwards offering great manoeuvrability
- Rotation up to 360°. This is possible because the crane is fitted with a double rack and pinion system with bronze bushes that guarantees safe operation, even at higher heel and trim angles

CONTROL AND SAFETY:

- Stationary fixed control console
- Counterbalance valves directly mounted on each cylinder provide a fast response
- Proportional Electrohydraulic Control Valve Block with internal compensation for simultaneous movements and self-centring manual levers; supplied by primary worldwide producers
- Electrohydraulic load moment limiting device; prevents the crane being overloaded and damaged.

STRONG AND RELIABLE

Doubling the number of racks and cylinders doubles the power of the slewing system. Moreover, the life of these components is extended because the load is shared.

CUSTOMISATION

The HLM crane series is standardised, however, there are a surprising number of options allowing a full customisation.

HORIZONTAL LOAD HLM CRANES

Crane model		nr of extensions	Length of boom (m) and crane lifting capacity (kg)				HEILA Cranes STANDARD Products Table				Revision – 1 Juni 2024			
			3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m	11 m	12 m	13 m	14 m
HLM 3	1	m	3.51		5.18									
	S	Kg	1,110		750									
	2	m	3.62		5.29	6.96								
	S	Kg	1,030		680	500								
HLM 6	1	m	3.54		5.25									
	S	Kg	1,710		1,160									
	2	m	3.66		5.33		7.00							
	S	Kg	1,460		1,000		760							
	3	m	3.60		5.24	6.88		8.62						
	S	Kg	1,390		910	670		530						
HLM 8	1	m		4.17	5.82									
	S	Kg		2,330	1,680									
	2	m		4.25	5.85		7.43							
	S	Kg		2,110	1,520		1,200							
	3	m		4.34	5.96		7.60		9.27					
	S	Kg		1,780	1,250		950		770					
HLM 10	1	m		4.64		6.54								
	S	Kg		2,310		1,650								
	2	m		4.69		6.55		8.41						
	S	Kg		2,280		1,620		1,260						
	3	m		4.80		6.65		8.51		10.30				
	S	Kg		2,120		1,440		1,140		940				
HLM 16	1	m		4.94		6.94								
	S	Kg		3,440		2,460								
	2	m		4.96			7.02		9.03					
	S	Kg		3,350			2,330		1810					
	3	m			5.01		7.01		9.01		11.00			
	S	Kg			3,090		2,150		1,640		1,330			
HLM 25	2	m		4.68		6.65		8.62						
	S	Kg		5,170		3,640		2,820						
	3	m		4.81		6.76		8.73		10.58				
	S	Kg		4,940		3,470		2,660		2,200				
	4	m		4.94		6.89		8.86		10.72		12.64		
	S	Kg		4,700		3,280		2,490		2,020		1,710		
	5	m			5.04	6.99		8.96		10.82		12.82		14.72
	S	Kg			4,520	3,100		2,320		1,850		1,450		1,200



Data in the table are for harbour conditions

Horizontal loads, lifting by hook in harbour conditions.
For the minimum outreach, please check the technical data sheet. HLM cranes can also work offshore.

Features:

- Originally designed for a marine environment
- One (1) cylinder for multiple telescopic movements
- Designed for easy maintenance
- High degree of customisation
- Cranes equipped with winch is possible, please contact our sales department