

HLRM CRANES: Fully foldable telescopic cranes & Foldable knuckle telescopic cranes.

HLRM cranes featuring slew bearings and continuous rotation, are available as fully foldable telescopic cranes and as knuckle telescopic boom cranes.

THE BEST LIFTING PERFORMANCE

The fully foldable telescopic cranes are designed to provide the best lifting performance combining exceptional boom strength with a powerful slewing ring rotation system.

The cranes are suitable for a wide range of on-board and off board activities including buoy handling and the hoisting of structures and equipment.



NO COMPROMISE ON QUALITY

Heila provides all of the features and uses quality components to construct cranes that offer excellent performances. The cranes are designed for the tough environmental conditions at sea. We protect all of our cranes – big and small – by thoroughly sand blasting them, applying marine paint systems and using stainless steel pipe fittings.

HEAVY DUTY OPERATION

Each crane component is selected and designed for heavy duty operation in a marine environment, they feature:

- Heila Anti-Corrosion Program
- Standard design temperature -20°C +45°C
- Minimum IP 56 protection standard on all electric cabinets and junction boxes on the crane
- Electronic Safety System protects the crane from being overloaded

ALWAYS PUSHING THE ENVELOPE

Starting from the first development of Heila knuckle telescopic boom crane, Heila has always strived to build bigger and better cranes. Heila was the first to build many of the larger cranes of this type, culminating in the HLRM 1000-6S in 2018. This crane is able to lift 14,300kg at a reach of almost 30m and 52,500kg at 13.4m.

Despite its small footprint, it is a high-capacity crane. In combination with various options, including Active Heave Compensation (AHC), AOPS, MOPS, this crane is a cost-effective, highly versatile but compact tool, suitable for many offshore activities, thus greatly reducing mobilisation time of vessels. It is the offshore equivalent of a big Swiss army knife.



Knuckle telescopic boom crane, HLRM 580/3S



Fully foldable telescopic



Fully foldable telescopic cranes with slewing bearing system

HORIZONTAL LOAD HLRM CRANES

Crane model	nr of extensions	Length of boom (m) and crane lifting capacity (kg)																	HEILA Cranes STANDARD Products Table		Revision – 1 Juni 2024	
			4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m	21m		
HLRM 25	2S	m	4.68		6.65		8.62															
		Kg	5,170		3,640		2,820															
	3S	m	4.81		6.78		8.73		10.58													
		Kg	4,940		3,470		2,660		2,200													
	4S	m	4.94		6.89		8.86		10.72		12.64											
		Kg	4,700		3,280		2,490		2,020		1,710											
HLRM-I 25	2S	m	4.55		6.3		8.15															
		Kg	6,150		4,420		3,200															
	3S	m	4.68		6.43		8.28		10.23													
		Kg	5,800		4,100		3,100		2,400													
	4S	m	4.8		6.55		8.4		10.35		12.4											
		Kg	5,560		3,850		2,900		2,200		1,730											
	5S	m	4.92		6.67		8.52		10.47		12.52		14.63									
		Kg	5,250		3,650		2,680		1,910		1,460		1,190									
	6S	m		5.03	6.78		8.63		10.58		12.63		14.74		16.9							
		Kg		5,000	3,400		2,400		1,750		1,320		1,050		880							
HLRM 35	2S	m	5.21		7.18		9.15															
		Kg	5,780		4,170		3,270															
	3S	m	5.31		7.26		9.22		11.08													
		Kg	5,480		3,940		3,050		2,520													
	3SL	m	5.60		7.80				10.01		12.21											
		Kg	5,150		3,600				2,750		2,240											
	4S	m	5.41		7.36		9.33		11.18		13.1											
		Kg	5,320		3,800		2,930		2,370		2,010											
	5S	m	5.51		7.46		9.43		11.28		13.3		15.18									
		Kg	5,150		3,670		2,820		2,300		1,900		1,610									
	5-SL	m	5.52		7.72		9.93				12.13		14.33		16.49							
		Kg	5,010		3,410		2,540				2100		1,600		1,330							
HLRM 45	2S	m	4.89		6.86		8.83															
		Kg	8,210		5,870		4,570															
	3S	m	5.02		6.97		8.93		10.79													
		Kg	7,740		5,490		4,220		3,470													
	4S	m	5.14		7.09		9.05		10.91		12.83											
		Kg	7,580		5,410		4,170		3,200		2,580											
	5S	m	5.23		7.18		9.15		11.01		13.01		14.91									
		Kg	7,290		5,170		3,790		2,860		2,250		1,880									
	5SL	m	5.47		7.67		9.88				12.08		14.10		16.08							
		Kg	6,710		4,570		3,170				2,300		1,830		1,520							



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.

Features:

- Originally designed for a marine environment
- Continuous slewing
- Designed for easy maintenance
- High grade of customisation
- Cranes equipped with winch is possible, please contact our sales department



HLRM CRANES:
Fully foldable
telescopic cranes
with slewing
bearing system.

Crane model	nr of extensions		Length of boom (m) and crane lifting capacity (kg)																	HEILA Cranes STANDARD Products Table																	Revision – 1 Juni 2024				
			4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m	21m																					
HLRM-I 45	2S	m	4.63		6.13	7.93																																			
		Kg	9,800		7,500	5,800																																			
	3S	m	4.71		6.21		8.06	9.96																																	
		Kg	9,500		7,200		5,550	4,200																																	
	4S	m	4.73		6.23		8.08		10.02		12.04																														
		Kg	9,300		7,000		5,350		4,000	3,100																															
	5S	m	4.82		6.32		8.17		10.11		12.13		14.31																												
		Kg	9,000		6,800		5,100		3,800		2,900		2,350																												
	6S	m	4.91		6.41		8.26		10.2		12.22		14.39		16.66																										
		Kg	8,700		6,550		4,900		3,650		2,780		2,190		1,800																										
	7S	m		5.01	6.51		8.36		10.3		12.32		14.49		16.76			19.03																							
		Kg		8,400	6,300		4,700		3,450		2,600		2,000		1,630			1,380																							
	8S	m		5.12	6.62		8.47		10.41		12.43		14.6		16.87			19.14		21.04																					
		Kg		8,150	6,150		4,600		3,250		2,415		1,865		1,500			1,235		1,080																					
HLRM 65	2S	m	4.65		6.55		8.4																																		
		Kg	13,720		9,920		7,820																																		
	3S	m	4.77		6.67		8.67														10.67																				
		Kg	13,190		9,520		7,350														5,850																				
	4S	m	4.86		6.76		8.76		10.76		12.76																														
		Kg	13,230		9,490		7,260		5,450		4,360																														
	5S	m	4.95		6.85		8.85		10.85		12.85		14.85																												
		Kg	13,410		9,620		7,070		5,220		4,140		3,440																												
	6S	m		5.04	6.94		8.94		10.94		12.94		14.94		16.94																										
		Kg		13,610	9,790		7,130		5,250		4,150		3,430		2,940																										
	6SL	m		5.52		7.82			10.2		12.58		14.98			17.38		19.78																							
		Kg		12,300		8,420			5,600		4,030		3,130			2,560		2,180																							
HLRM-I 65	2S	m	4.51		6.01	7.76																																			
		Kg	15,500		12,000	9,200																																			
	3S	m	4.55		6.05	7.91		9.81																																	
		Kg	15,000		11,500	8,800		6,400																																	
	4S	m	4.65		6.14		8	9.9		11.9																															
		Kg	14,500		11,000		8,400	6,200		4,900																															
	5S	m	4.75		6.26		8.1		10		12		14																												
		Kg	14,000		10,500		8,000		6,000		4,600		3,750																												
	6S	m	4.87		6.37		8.21		10.12		12.12		14.12		16.27																										
		Kg	13,300		10,100		7,700		5,600		4,300		3,500		2,900																										
	7S	m	4.97		6.48		8.32		10.23		12.23		14.23		16.37		18.64																								
		Kg	13,000		9,800		7,500		5,500		4,200		3,400		2,750		2,350																								
	8S	m		5.13	6.6		8.43		10.33		12.32		14.33		16.48		18.75		20.64																						
		Kg		12,000	9,200		7,000		5,000		3,800		3,000		2,500		2,200		1.900																						
HLRM 90	3S	m	4.72		6.62		8.62		10.62																																
		Kg	17,910		12,990		9,720		7,330																																
	4S	m	4.82		6.72		8.72		10.72		12.72																														
		Kg	17,390		12,550		9,370		7,000		5,620																														
	5S	m	4.93		6.83		8.83		10.83		12.83		14.83																												
		Kg	17,070		12,290		9,110		6,760		5,390		4,500																												
	6S	m		5.02	6.92		8.92		10.92		12.92		14.92		16.92																										
		Kg		16,530	11,930		8,430		6,240		4,950		4,110		3,520																										
	6SL	m		5.32		7.42		9.62		11.82		13.82		15.82		17.82																									
		Kg		16,970		12,060		8,020		5,910		4,760		3,980		3,430																									



HLRM CRANES:

Foldable knuckle telescopic cranes with slewing bearing system.

Leadership in foldable telescopic cranes

Heila, with its HLRM series, is the market leader in foldable knuckle telescopic boom cranes. We design, develop and deliver our HLRM cranes as standard cranes or completely custom made. The entire range from small to big cranes is available and can be delivered quickly.

The HLRM crane is the perfect solution when high capacity is required and when deck space is limited. We develop solutions for customers in areas ranging from the fishing industry to the offshore sector and other areas of the maritime sector.

Heila was the first company to supply a 340 tm knuckle boom telescopic crane. It was also the first to supply a HLRM 460 tm dredging crane and the first to supply a HLRM 580 tm crane. The natural next step was to break the 1000 tm barrier for many offshore activities, thus greatly reducing mobilisation time of vessels. It is the offshore equivalent of a big Swiss army knife.

HLRM CRANES:
Foldable knuckle telescopic cranes
with slewing bearing system.



HLRM 1000-6SL

The company has supplied numerous sub-sea and active and passive heave compensation installations. Our HLRM 1000-6SL, a 70-ton foldable knuckle telescopic crane, will dramatically change the heavy-duty crane market. Even though it is equipped with a telescopic arm that can extend to a maximum radius of 30 metres, the crane only requires a limited space.

The HLRM 1000 features:

- Outreach up to 30 metres
- Lifting capacity up to 70 tons
- Compact crane in storage position
- Suitable for sub-sea application
- Designed and built for a harsh offshore and marine environment



Foldable knuckle telescopic cranes with slewing bearing rotation system.

HORIZONTAL LOAD HLRM CRANES

Crane model	nr of extensions		Length of boom (m) and crane lifting capacity (kg) HEILA Cranes STANDARD Products Table																		Revision – 1 Juni 2024				
			5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m	21m	24m	27m				
HLRM 80	2S	m	6.13		8.13		10.13																		
		Kg	15,040		11,430		8,350																		
	3S	m	6.32		8.32		10.32		12.32																
		Kg	14,450		11,020		7,910		6,180																
	4S	m	6.55		8.55		10.55		12.55		14.55														
		Kg	13,310		10,070		7,180		5,530		4,490														
HLRM 120	2S	m	6.09		8.09		10.09																		
		Kg	19,170		14,400		11,540																		
	3S	m	6.11		8.11		10.11		12.11																
		Kg	18,870		14,120		10,880		8,410																
	4S	m	6.3		8.3		10.3		12.3		14.3														
		Kg	18,040		13,500		10,720		8,260		6,730														
	3SL	m		7.55			10.1		12.66			15.21													
		Kg		14,670			10,680		7,960			6,090													
	4SL	m		7.76			10.31		12.87			15.42			18.07										
		Kg		13,960			10,110		7,430			5,610			4,480										
	HLRM 140	3S	m	5.68		7.85		10.02		12.18															
			Kg	25,030		18,380		13,270		10,320															
4S		m	5.87		8.04		10.21		12.37		14.42														
		Kg	23,130		17,030		12,220		9,480		7,850														
5S		m	6.19		8.26		10.33		12.4		14.52		16.74												
		Kg	21,170		15,680		12,360		10,170		8,360		7,020												
6S		m	6.31		8.37		10.45		12.51		14.63		16.85			19.06									
		Kg	20,550		15,230		11,980		9,830		8,040		6,730			5,730									
3SL		m		7.51			10.06		12.62		-	15.17													
		Kg		18,460			13,740		10,930		-	8,640													
4SL		m		7.70			10.25		12.81			15.36			18.01										
		Kg		17,030			12,640		10,010			7,870			6,380										
4SLK		m		7.69			10.24		12.8			15.35			18										
		Kg		17,140			12,730		10,090			8,170			6,640										
HLRM 170	2S	m	5.64		7.64		9.54																		
		Kg	27,950		18,200		13,440																		
	3S	m	5.88		7.95		10.02		12.08																
		Kg	26,310		19,620		14,480		11,360																
	4S	m	6.09		8.15		10.22		12.29		14.32														
		Kg	25,200		18,830		14,980		12,130		10,030														
	3SL	m		7.97			10.03		12.11		14.17														
		Kg		19,220			15,270		12,250		9,780														
	4SL	m			8.16		10.22		12.3		14.36		16.39												
		Kg			18,450		14,630		11,620		9,230		7,700												
HLRM 200	2SL	m		7.58		9.75		11.92																	
		Kg		22,350		17,450		14,300																	
	3SL	m		7.6		9.77		11.94			14.1														
		Kg		21,950		17,050		13,900			11,800														
	4SL	m		7.82		9.99			12.16		14.32		16.37												
		Kg		20,750		16,050			13,050		11,000		9,600												
	18-4SL	m			8.49		10.84			13.20		15.55			18.05										
		Kg			22,430		17,170			13,700		10,570			8,540										
	20-4SL	m				9.85			12.4		14.96			17.51			20.01								
		Kg				18,450			14,230		11,540			9,270			7,620								
HLRM-I 200	6SL	m					10.03		12.88			15.73			18.58			21.43	24.28	27.13					
		Kg					14,900		9,800			6,800			4,850			3,740	3,000	2,500					
HLRM 230	4SL	m		7.38		9.67		11.97			14.26		16.46												
		Kg		30,300		22,800		17,740			13,780		11,330												
	4SLK	m		7.44		9.73			12.03		14.32		16.52												
		Kg		28,360		21,350			17,020		14,140		12,180												



Data in the table are for harbour conditions

Horizontal loads, lifting by hook in harbour conditions.
For the minimum outreach, please check the technical.



HLRM CRANES:
Foldable knuckle
telescopic cranes
with slewing
bearing rotation
system

Crane model	nr of extensions	Length of boom (m) and crane lifting capacity (kg) HEILA Cranes STANDARD Products Table																			Revision – 1 Juni 2024								
		5m	6m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m	21m	22m	23m	24m	25m	26m	27m	29m					
HLRM 280	2SL	m			9.08			12.08			15.08																		
		Kg			31,100			22,700			16,500																		
	3SL	m			9.48			12.48			15.48			18.48															
		Kg			28,800			20,950			14,890			11,340															
	4SL	m			9.88			12.88			15.88			18.88			21.88												
		Kg			26,680			19,290			13,370			10,000			7,970												
HLRM 340	1S	m			9.61			12.17																					
		Kg			20,000			20,000																					
	2S	m		8.69			11.25			14.09																			
		Kg		26,000			20,000			15,000																			
	3SL	m			9.57			12.47			15.47			18.47															
		Kg			32,500			24,000			18,000			13,900															
HLRM 440	2S	m		8.69			11.25			14.09																			
		Kg		37,000			27,100			20,500																			
	3S	m			9.07		11.63			14.47			17.31																
		Kg			35,000		26,000			18,500			14,400																
	4S	m	5.71		9.54			12.09		14.84			17.69			20.60													
		Kg	55,000		44,900			28,500		20,000			15,200			12,300													
	5S	m			9.54			12.09		14.84			17.69			20.60				23.35									
		Kg			43,600			27,700		19,200			14,600			11,800				10,432									
HLRM 460	2S	m				10.62			13.67			16.72																	
		Kg				36,000			26,500			20,000																	
	3S	m				10.98				14.03			17.08			20.13													
		Kg				32,000				23,000			18,000			15,000													
	4S	m				10.98				14.03			17.08			20.13				23.15									
		Kg				31,100				22,300			17,500			14,600				13,000									
HLRM 580	1S	m																											
		Kg																											
	2S	m	6.32			10.59			13.63			16.70																	
		Kg	65,000			45,500			33,800			26,800																	
	3S	m				10.98				14.03			17.08			20.13													
		Kg				40,900				30,100			23,600			19,500													
	4S	m						12.80			15.85			18.90			21.95			25.00									
		Kg						25,000			20,500			16,000			12,500			10,000									
	5S	m					11.78			14.83			17.88			20.93			23.98						27.03				
		Kg					35,200			26,200			20,500			16,200			13,700					11,700					
HLRM 1000	2S	m						12.03		14.63			17.23																
		Kg						70,000		56,000			47,000																
	3S	m						12.51			15.11		17.71		20.31														
		Kg						62,500			49,500		41,500		35,500														
	4S	m						12.96			15.56			18.16			21.76		23.46										
		Kg						57,000			44,500			37,500			31,500		26,500										
	5S	m							13.44			16.04		18.64			21.24		23.94				26.64						
		Kg							52,500			41,500		34,000			28,500		23,100				19,800						
	6S	m									16.55			19.15		21.75			24.45					27.15	29.85				
		Kg									33,200			26,400		21,700			17,800				15,300	13,500					
HLRM 1500	2S	m					11.00		13.20		15.60																		
		Kg					83,000		69,550		58,128																		
	6S	m									15.20		17.23		19.60		22.03		25.23			27.00							
		Kg									41,200		32,800		26,970		22,030		19,000			16,800							

Features:

- Originally designed for a marine environment
- Especially suitable for high loads
- Continuous slewing
- High degree of customisation
- Cranes equipped with winch is possible, please contact our sales department