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Powerful Synergies



COPMA® 128

ESSENTIAL MODEL

COPMA 128

Performance & Power

128 IS INNOVATIVE ENGINEERING FOR TOP PRECISION, EFFICIENCY, SPEED AND PERFORMANCE. AN ESSENTIAL MASTERPIECE IN LIFTING TECHNOLOGY.

- **ESSENTIAL model, load category - 12 Ton/Mt**
- **Essential in design, powerful in performance**
- **Robust arm system**
- **Simple and reliable**
- **Excellent operational safety**



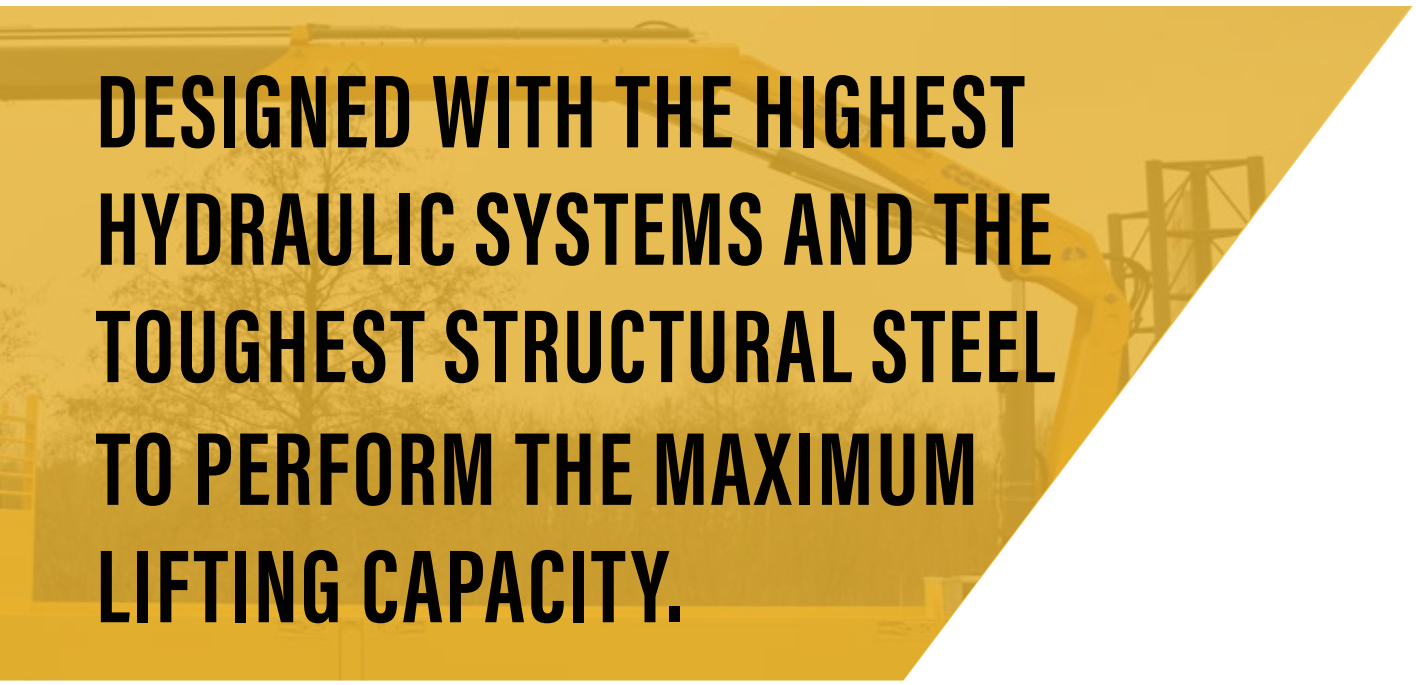
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THE MOST POWERFUL CRANE FOR THE TOUGHEST MARKETS

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COPMA 128



DESIGNED WITH THE HIGHEST HYDRAULIC SYSTEMS AND THE TOUGHEST STRUCTURAL STEEL TO PERFORM THE MAXIMUM LIFTING CAPACITY.

- **Optimized and reliable hydraulic technology**
- **Column with high mechanical characteristics**
- **High Degree of User Friendliness**
- **Efficiency and Reliability thanks to essential design**
- **Excellent weight/performance ratio**

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CUTTING EDGE FEATURES FOR MAXIMUM LIFTING POWER,STABILITY AND OPERATIONAL SAFETY IN EVERY WORKING CONDITION.

Standard features

- control * TAD control * CMS 1.0 control * TES 2.0 control
- structure RRP structure

optional features

- easy use HLS 1.0 easy use
- control RRC 1.0 control RRC 3.0 control

*CE version

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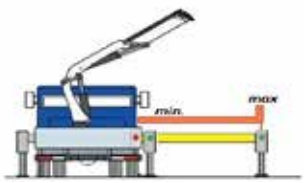
Transport Alert Device

Sensors on the basement control the correct closing of the beams and a column switch sensor indicates if the crane is in a folded position, no more than 4 Mt in height. The operator is warned with light and sound signals in the truck cabin.



Truck Electronic Stability 1.0

Active stability control for performance optimization according to the type of stabilization (1) to guarantee maximum safety in all working conditions. Mandatory in the CE market, it helps a better vehicle-crane configuration.



Hydraulic Lifting Stabilizers 1.0

Simplified vertical hydraulic lifting system: no auxiliary hydraulic devices are supplied. The stabilizer cylinder lifts up thanks to the presence of a sliding rod equipped with a braking pad which allows the stabilizer cylinder to slide vertically inside the bushing attached to the stabilizing beam.



Radio Remote Control 3.0

Radio control with directly flanged actuation electronics with proportional distribution.
The remote control allows operating the crane while constantly monitoring the areas of operation.



Crane Monitoring System 1.0

Crane stability control system TES1-TES2, with safety control and overload control for medium-small cranes. Controls the crane in 4 work areas, and each zone can have custom lifting settings depending on the vehicle stability.



Rotation Rack Pinion

The rotation system with rack and pinion is the best optimal solution for the most performative lifting capacity, it reduce the weights and crane dimension for the most compact configuration.



Radio Remote Control 1.0

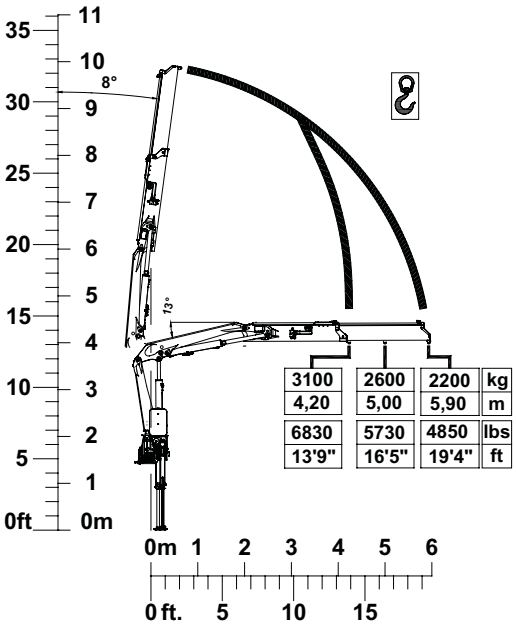
Radio remote control with actuation electronics connected by rods to the standard distribution.
The remote control allows operating the crane while continually monitoring the areas of operation.



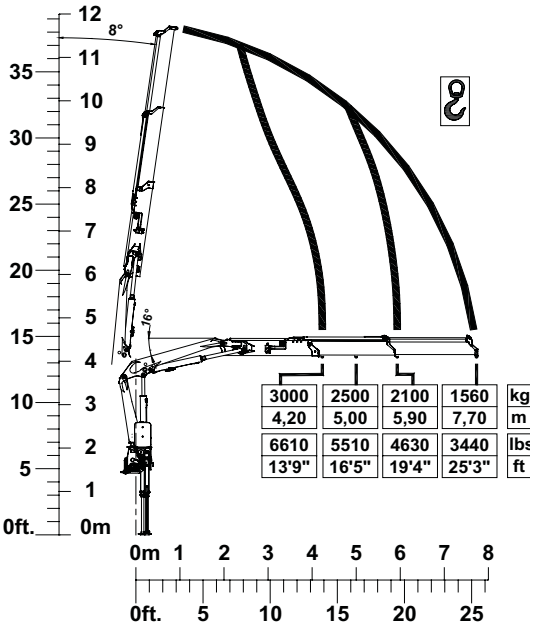
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Load Charts

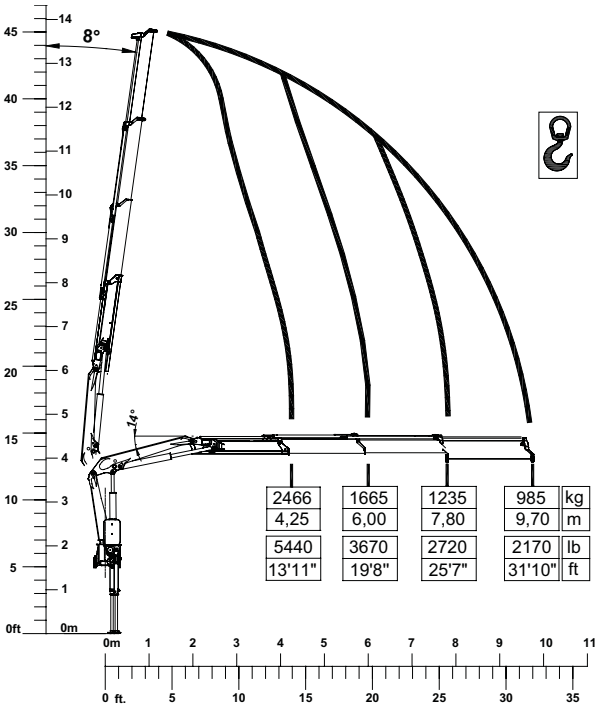
1 extension



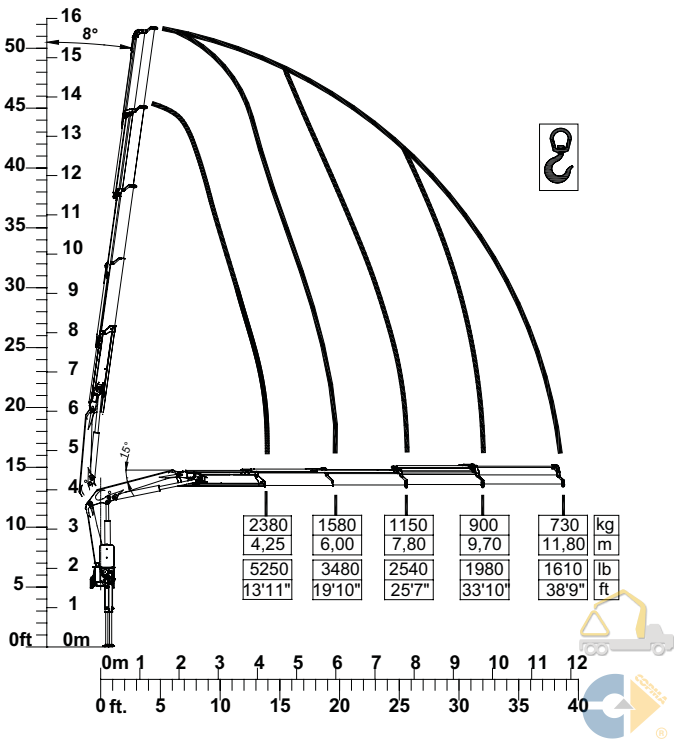
2 extensions



3 extensions



4 extensions

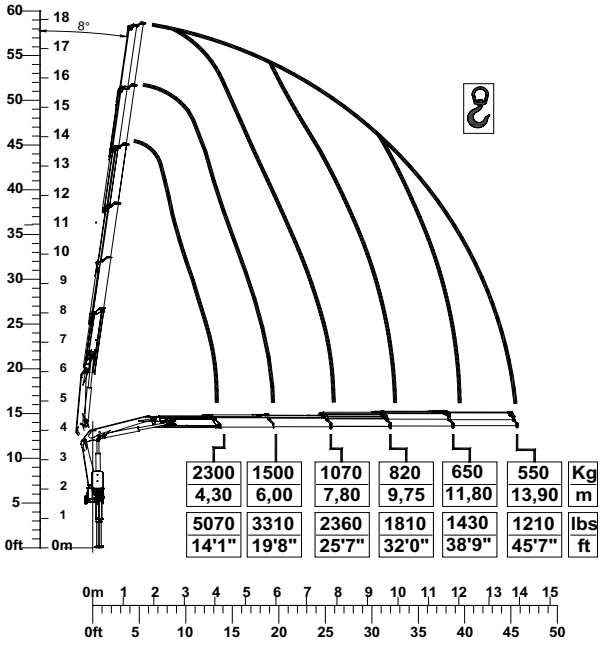


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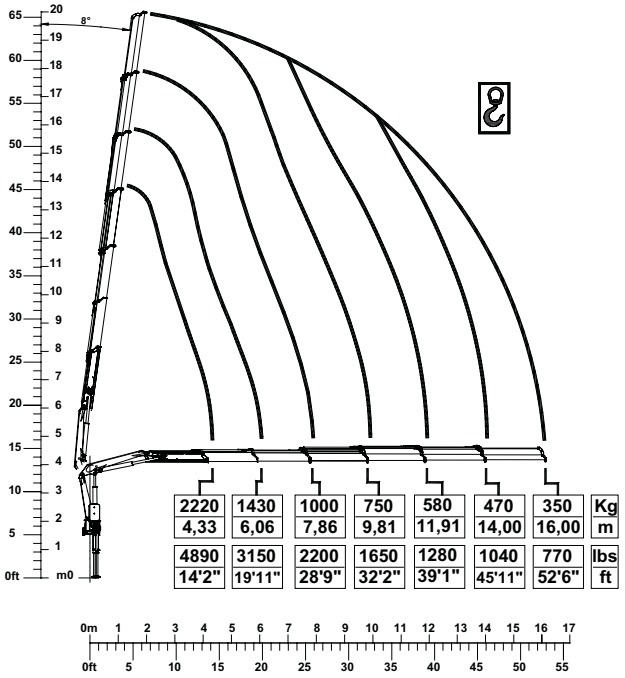
128 ESSENTIAL

Load Charts

5 extensions



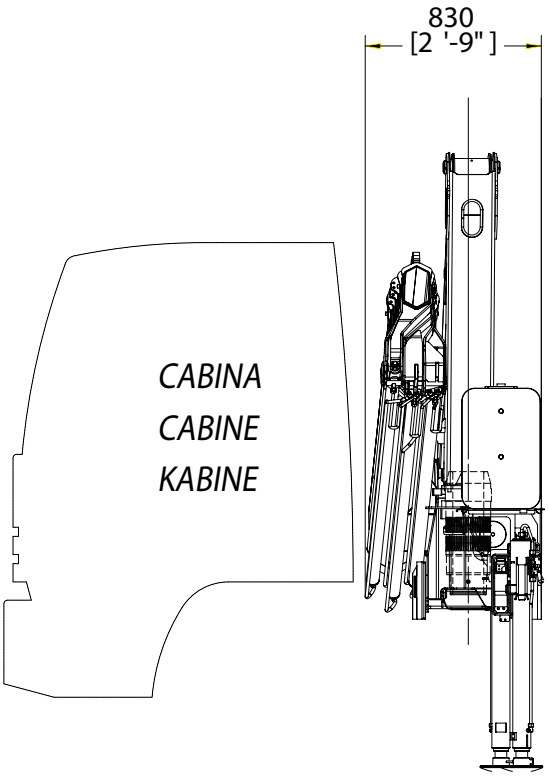
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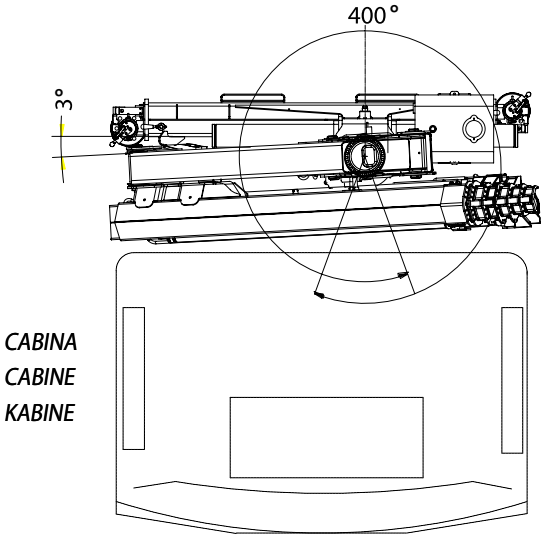
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Crane Dimensions

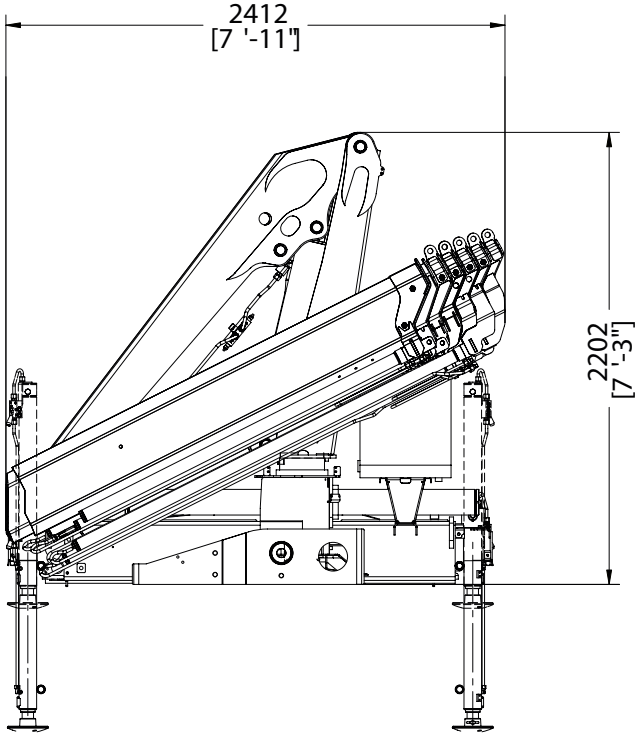
back cabin left



top cabin

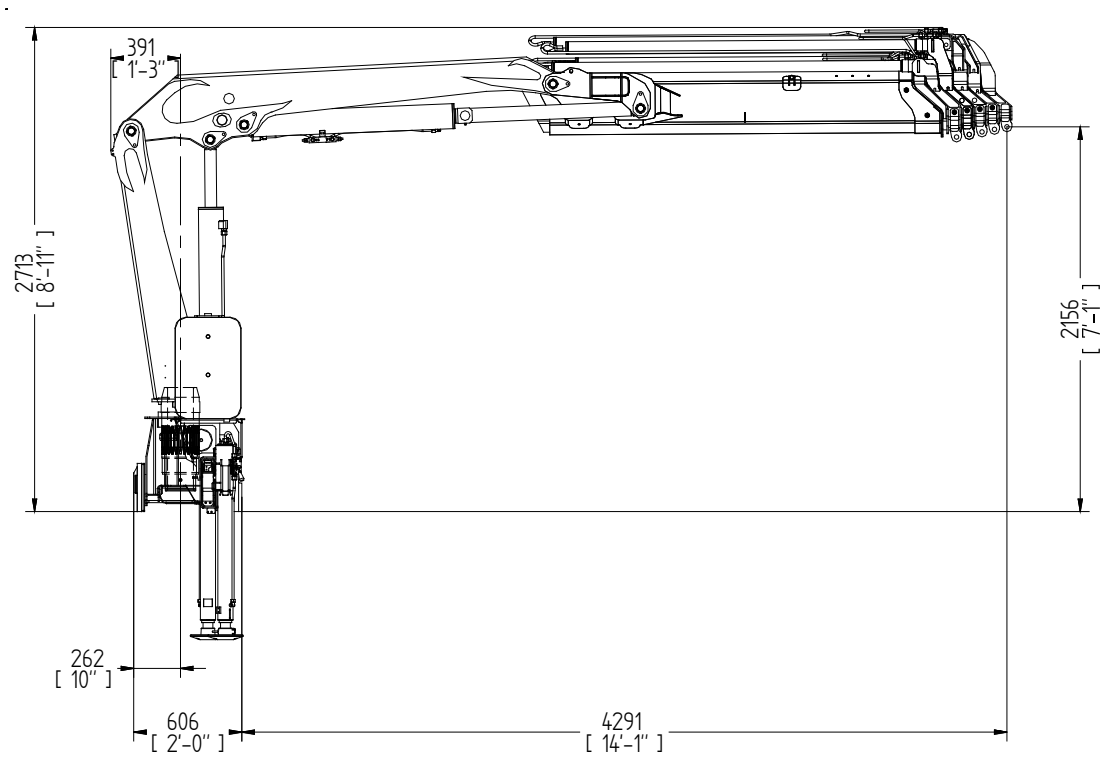


rear truck

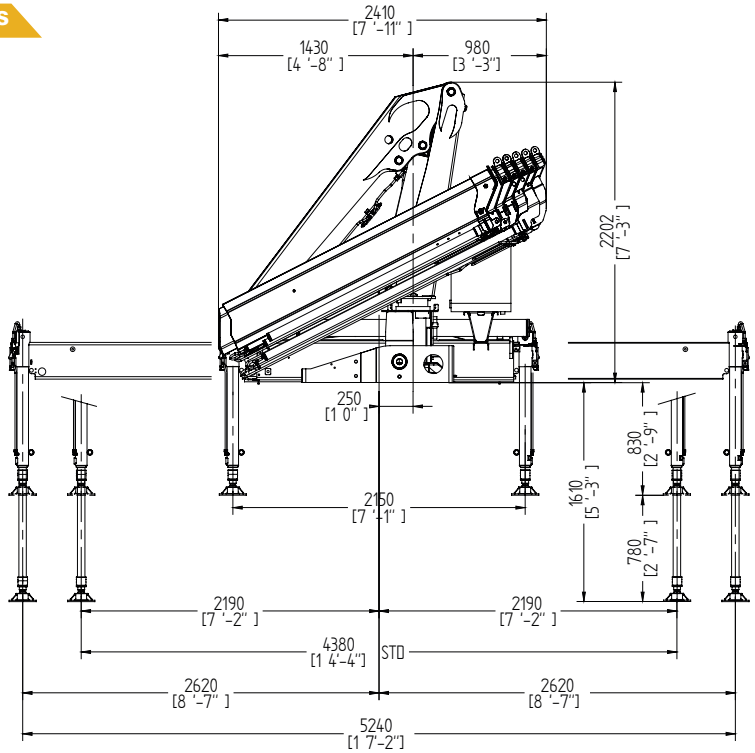


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operational



extended outriggers



* Note:

Technical features are not binding. The company reserves itself the right to any modification without notice

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Technical Data

summarized data

	kN.m	bar	l/min	kg	°	mm	mm	mm	mm
128.1	128	310	30	1330	400	2360	821	2202	4200/5200
128.2	123	310	30	1420	400	2360	821	2202	4200/5200
128.3	102	290	30	1526	400	2360	821	2202	4200/5200
128.4	99,3	290	30	1623	400	2360	821	2202	4200/5200
128.5	97	290	30	1700	400	2362	821	2202	4200/5200
128.6	94,3	290	30	1781	400	2412	830	2202	4200/5200

	lbs.ft	psi	gal/min	lbs	°	ft/inc	ft/inc	ft/inc	ft/inc
128.1	92400	4495	7.9	2930	400	7'9"	2'8"	7'3"	13'9"/17'2"
128.2	89000	4495	7.9	3100	400	7'9"	2'8"	7'3"	13'9"/17'2"
128.3	74365	4205	7.9	3327	400	7'9"	2'8"	7'3"	13'9"/17'2"
128.4	71824	4205	7.9	3538	400	7'9"	2'8"	7'3"	13'9"/17'2"
128.5	70160	4205	7.9	3740	400	7'9"	2'8"	7'3"	13'9"/17'2"
128.6	68207	4205	7.9	3882	400	7'11"	2'9"	7'3"	13'9"/17'2"

technical data

Max. lifting moment	128 kNm	92400 ft.lbs
Max. hydraulic outreach	16 m	52'6"
Slewing angle	400°	400°
Slewing torque	1650 daNm	12150 ft.lbs
Stabilizer spread	4.2/5.2 mt	13'9"/17'2"
Fitting space required (min./max)	0.83 m	2'9"
Width folded	2.36/2.41 m	7'9"/7'11"
Max. operating pressure	310 bar	4495 psi
Recommended pump capacity	30 l/min	7.9 US gal./min
Dead weight (vers .1)	1330 kg	2930 lbs

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COPMA 128

knuckle boom cranes

Powerful Synergies

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