



Powerful Synergies



COPMA

80

ESSENTIAL
MODEL

COPMA 80

Performance & Power

**80 IS INNOVATIVE ENGINEERING
FOR TOP PRECISION, EFFICIENCY,
SPEED AND PERFORMANCE.
AN ESSENTIAL MASTERPIECE
OF LIFTING TECHNOLOGY.**

- **ESSENTIAL model, load category - 8 Ton/Mt**
- **Essential in design, powerful in performance**
- **Robust arm system**
- **Simple and reliable**
- **Excellent operational safety**





**THE MOST
POWERFUL
CRANE FOR
THE TOUGHEST
MARKETS**



COPMA 80

More Safety & Security

**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**





**DESIGNED
FOR FLEXIBLE
SERVICES**



COPMA 80

Technical Features

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

Standard features

- control



- structure



optional features

- control



*E.C. market specific equipment



TAD
control
**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.



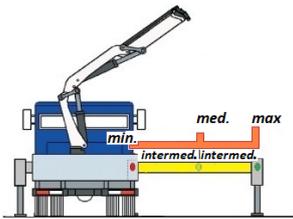
CMS
1.0
control
**Crane Monitoring
System
1.0**

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.



TES
2.0
control
**Truck Electronic
Stability
2.0**

Active stability control for performance optimization according to the type of stabilization (2) to guarantee maximum safety in all working conditions. Mandatory in the CE market, it helps a better vehicle-crane configuration.



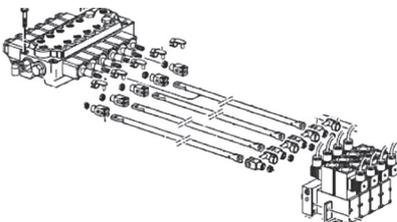
RRP
structure
**Rotation
Rack
Pinion**

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.



RRC
1.0
control
**Radio Remote
Control
1.V0**

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



RRC
3.0
control

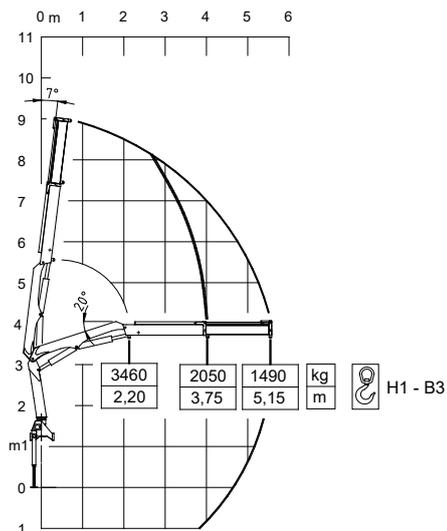
Radio control with directly flanged actuation electronics with proportional distribution. The remote control allows operating the crane while constantly monitoring the areas of operation.



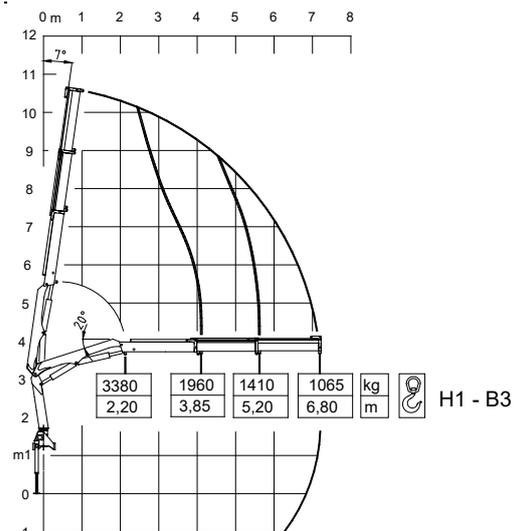
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Load Charts

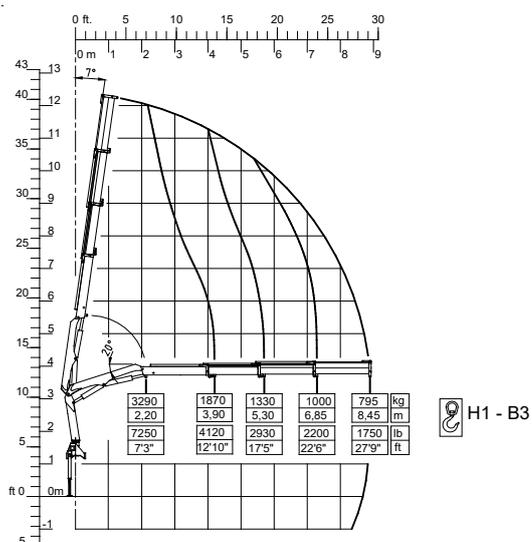
1 extensions



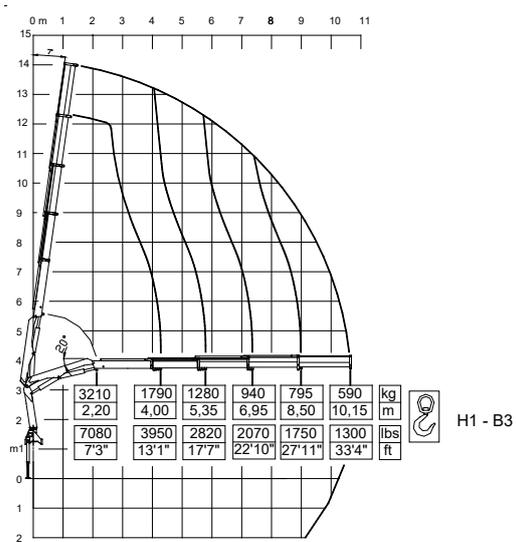
2 extensions



3 extensions



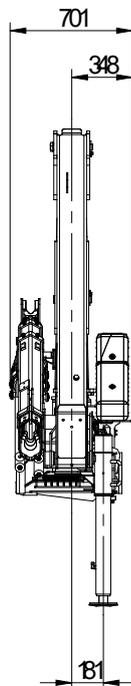
4 extensions



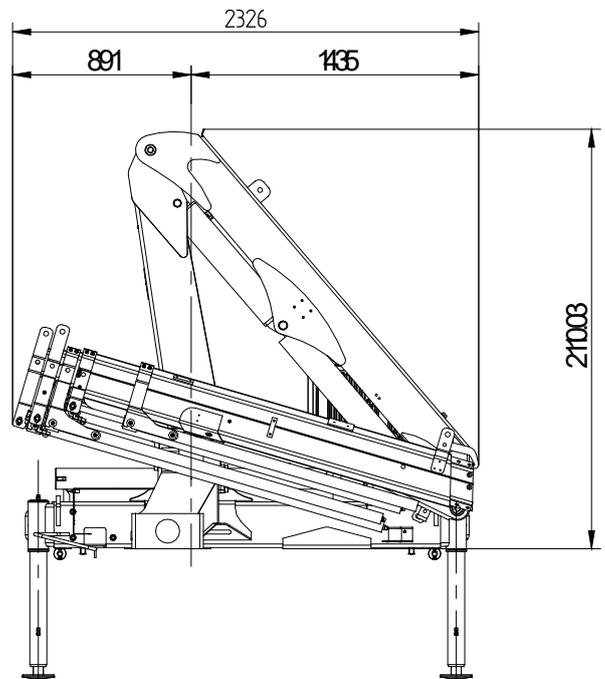
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Crane Dimensions

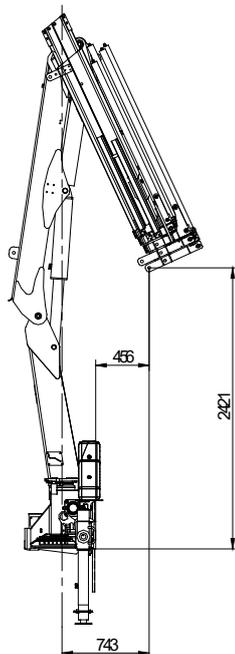
back cabin left



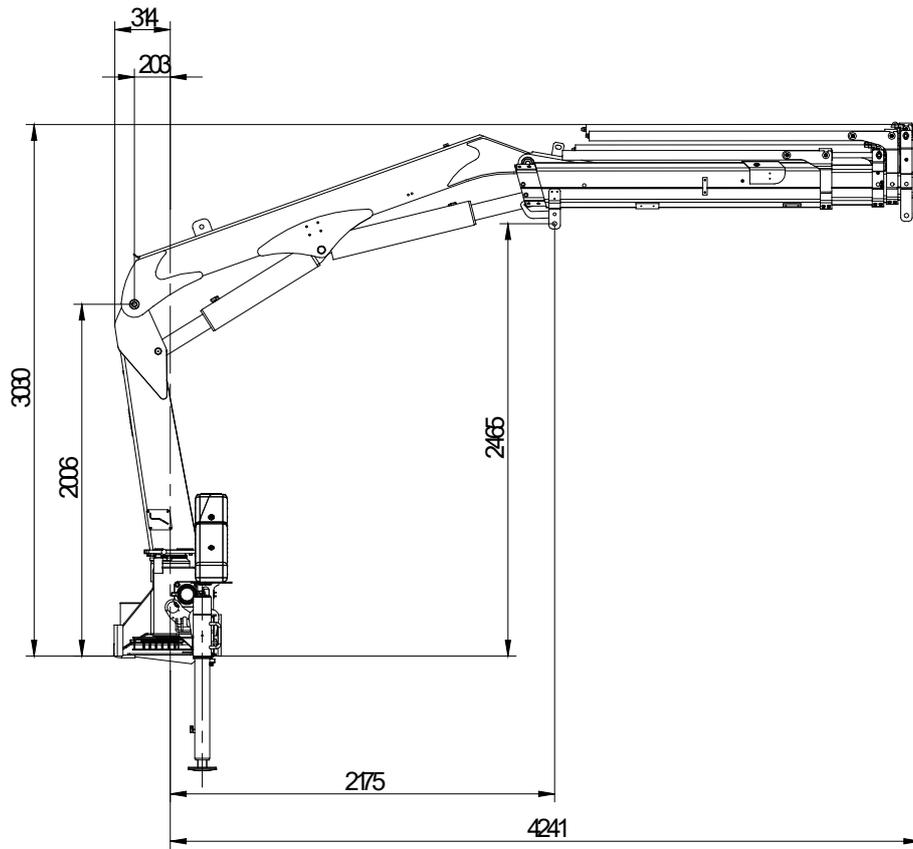
rear truck



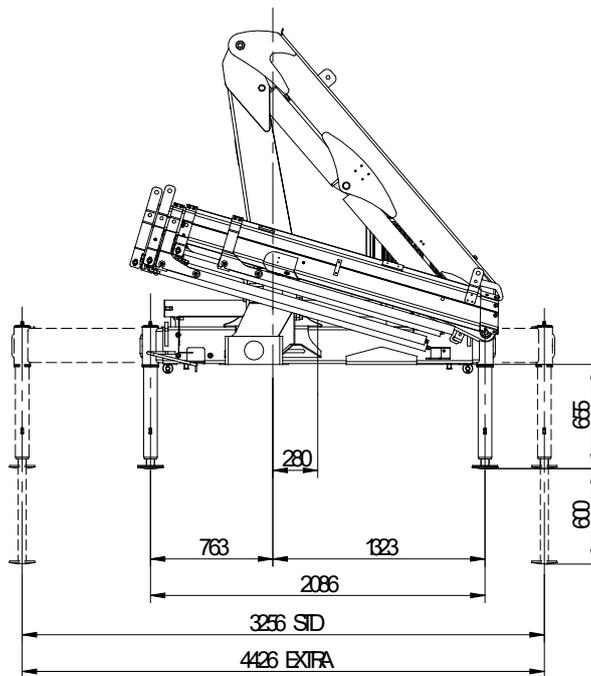
operational



operational



extended outriggers



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



80 ESSENTIAL

Technical Data

summarized data

									
	kN.m	bar	l/min	kg	°	mm	mm	mm	mm
80L.1	71,04	270	25	1040	370	2270	701	2079	3256/4426
80L.2	69,7	270	25	1110	370	2270	701	2079	3256/4426
80L.3	68,46	270	25	1170	370	2278	701	2079	3256/4426
80L.4	65,45	270	25	1220	370	2283	701	2079	3256/4426

									
	lbs.ft	psi	gal/min	lbs	°	ft/inc	ft/inc	ft/inc	ft/inc
80L.1	51383	3915	6,6	2290	370	7'5"	2'4"	6'10"	10'8" / 14'6"
80L.2	50413	3915	6,6	2450	370	7'5"	2'4"	6'10"	10'8" / 14'6"
80L.3	49516	3915	6,6	2580	370	7'6"	2'4"	6'10"	10'8" / 14'6"
80L.4	47339	3915	6,6	2690	370	7'6"	2'4"	6'10"	10'8" / 14'6"

technical data

Max. lifting moment	75.76 kNm	54797 ft.lbs
Max. hydraulic outreach	10.02 m	32'10"
Slewing angle	370°	370°
Slewing torque	590 daNm	4268 ft.lbs
Stabilizer spread	3.25/4.42 mt	10'8"/14'6"
Fitting space required (min./max)	0.70 m	2'4"
Width folded	2.32 m	7'7"
Max. operating pressure	270 bar	3915 psi
Recommended pump capacity	30 l/min	7.9 US gal./min
Dead weight (vers .1)	1010 kg	2230 lbs

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COPMA 80



knuckle
boom
cranes



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CPS



**CPS
STEEL**

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