cps-group.com

Powerful Synergies



COPMA® 60

ESSENTIAL
MODEL

COPMA 60

Performance & Power



60 HAS THE HIGHEST LIFTING RANGE AND TOP POWER-WEIGHT RATIO COMBINING ADVANCED TECHNOLOGY FEATURES FOR MORE PERFORMANCE.

- **HIGH POWER model, load category - 6 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 60

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**

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DESIGNED FOR FLEXIBLE SERVICES

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COPMA 60
Technical Features



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

Standard features

- **easy use** — MLS 1.0 easy use
- **control** — * TAD control; * CCLS structure; * CMS 1.0 control; * TES 1.0 control; * TES 4.0 control
- **structure** — RRP structure

optional features

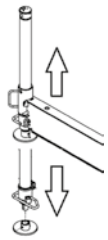
- **control** — RRC 2.0 control; RRC 3.0 control; CRC 4.0 control

* CE version

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Manual Lifting Stabilizers 1.0

Manual lifting of the crane legs.
The manual lifting of the legs helps the operator adjust its extension manually without additional assistance from electronics or hydraulic controls.



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.



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.



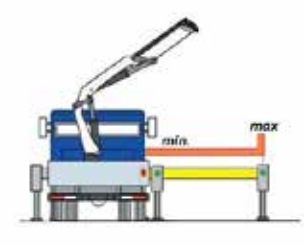
Crane Monitoring System 2.0

Crane stability control system TES2-TES3 with safety and overload controls and HPVE lifting speed management.
Active control on 4-8 working areas according to the model and vehicle stability requirements.



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.



Radio Remote Control 2.0

Radio remote control with the electro-hydraulic actuator connected directly to the standard control valve. The remote control allows operating the crane while continually monitoring the areas of operation.



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Rotation system with Rack and 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 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.



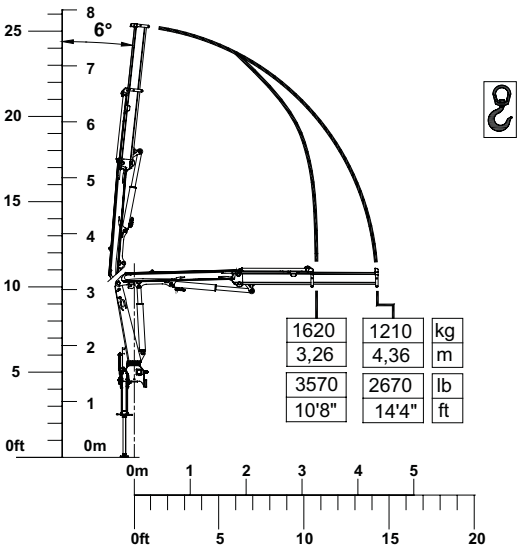
COPMA® Remote Connectivity 4.0

COPMA® Remote Connectivity 4.0 to the crane.
Two-way communication by GPRS for real-time diagnosis and remote real-time parameter setting and/or adjustment.

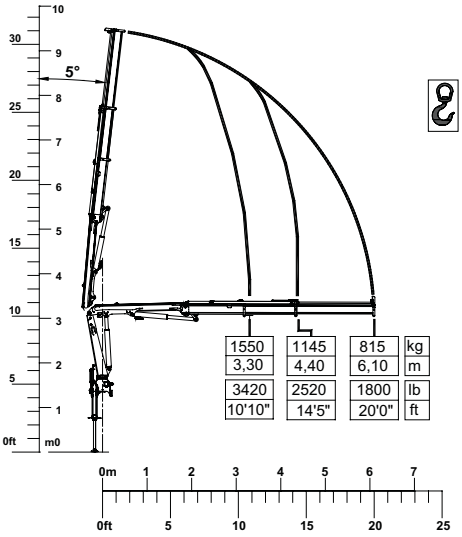
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Load Charts

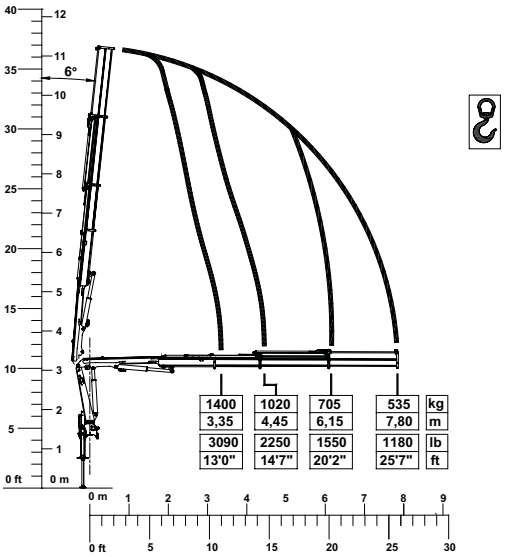
1 extensions



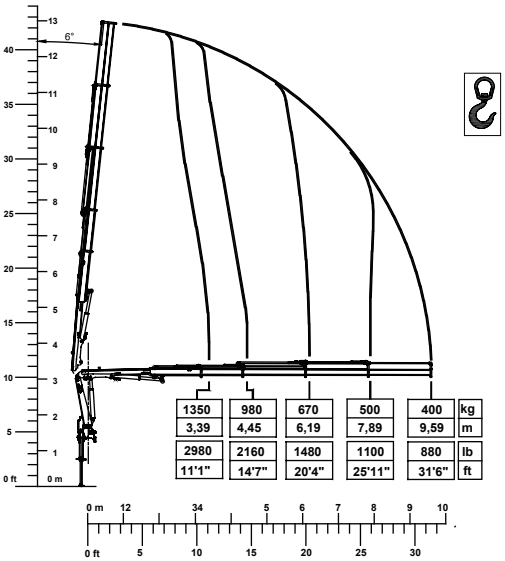
2 extensions



3 extensions



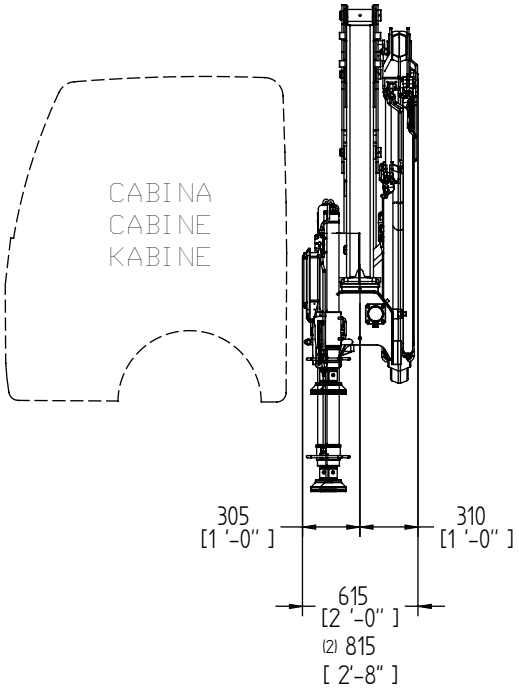
4 extensions



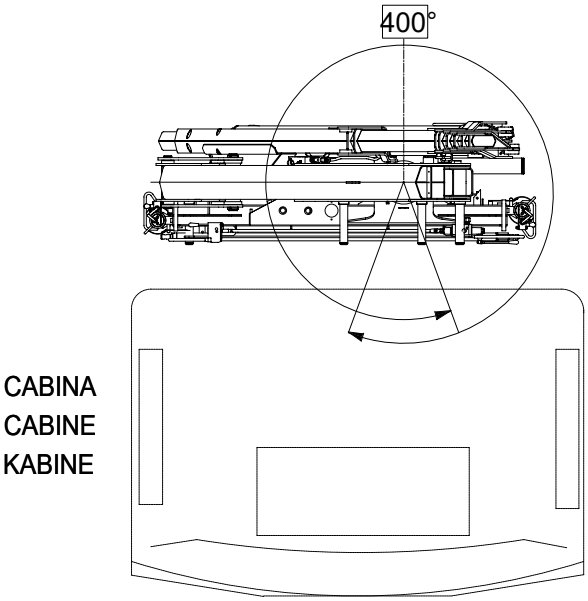
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Crane Dimensions

back cabin left



top cabin

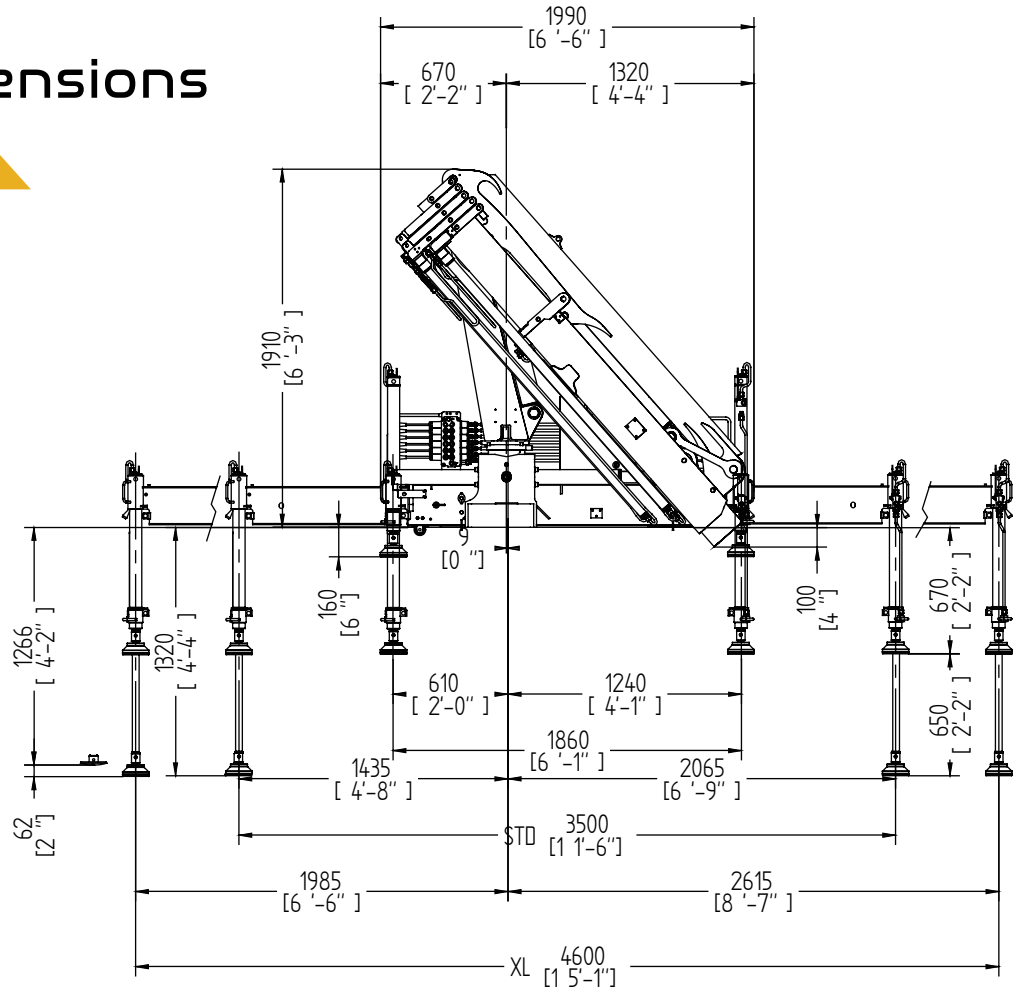




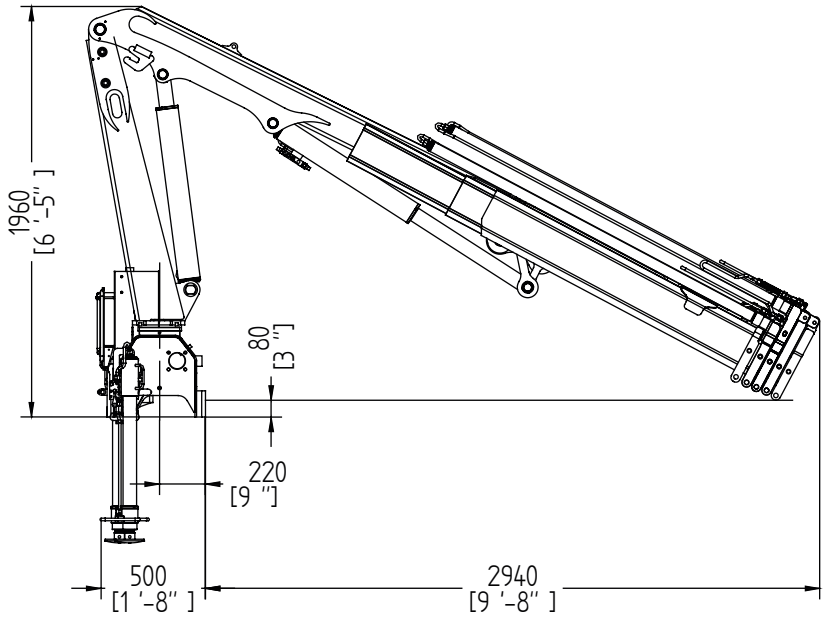
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Crane Dimensions

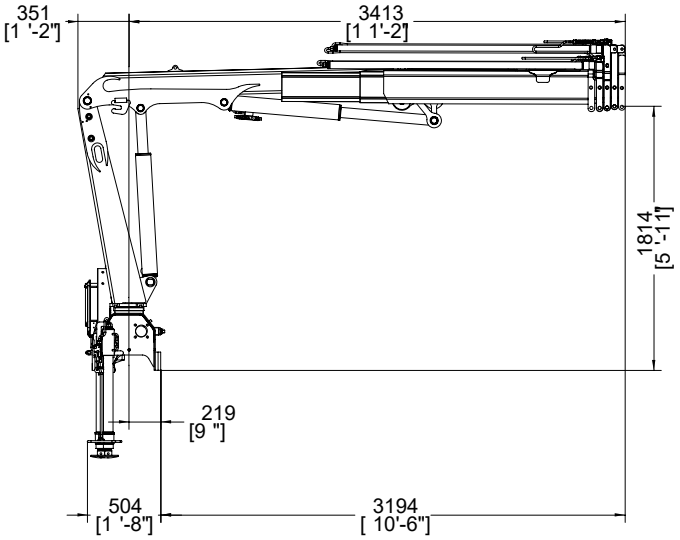
rear truck

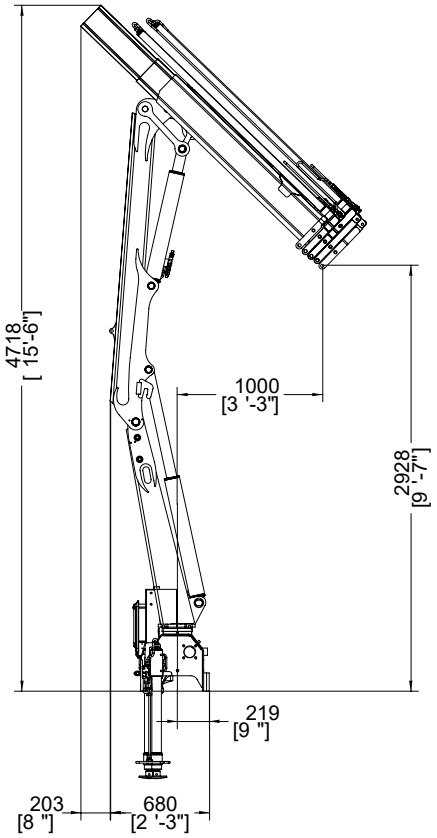


operational



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

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60 ESSENTIAL

Technical Data

summarized data

	kN.m	bar	l/min	kg	°	mm	mm	mm	mm
60.1	52	270	20	720	400	1990	633	1908	3500/4600
60.2	50.2	270	20	790	400	1990	633	1908	3500/4600
60.3	46	270	20	845	400	1990	633	1908	3500/4600
60.4	45	270	20	890	400	1990	633	1908	3500/4600

	lbs.ft	psi	gal/min	lbs	°	ft/inc	ft/inc	ft/inc	ft/inc
60.1	37467	3840	5,3	1590	400	6'6"	2'1"	6'3"	11'6"/15'1"
60.2	37467	3840	5,3	1740	400	6'6"	2'1"	6'3"	11'6"/15'1"
60.3	33272	3840	5,3	1860	400	6'6"	2'1"	6'3"	11'6"/15'1"
60.4	32549	3840	5,3	1960	400	6'6"	2'1"	6'3"	11'6"/15'1"

technical data

Max. lifting moment	51.8 kNm	37466 ft.lbs
Max. hydraulic outreach	9.59 m	31'5"
Slewing angle	400°	400°
Slewing torque	600 daNm	4339 ft.lbs
Stabilizer spread	3.50/4.50 mt	11'6"/15'1"
Fitting space required (min./max)	0.63 m	2'1"
Width folded	1.99 m	6'6"
Max. operating pressure	270 bar	3840 psi
Recommended pump capacity	20 l/min	5.3 US gal./min
Dead weight (vers .1)	720 kg	1590 lbs

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GET READY TO A BETTER LIFTING EXPERIENCE

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COPMA 60

knuckle boom cranes

Powerful Synergies

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