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Powerful Synergies



COPMA®

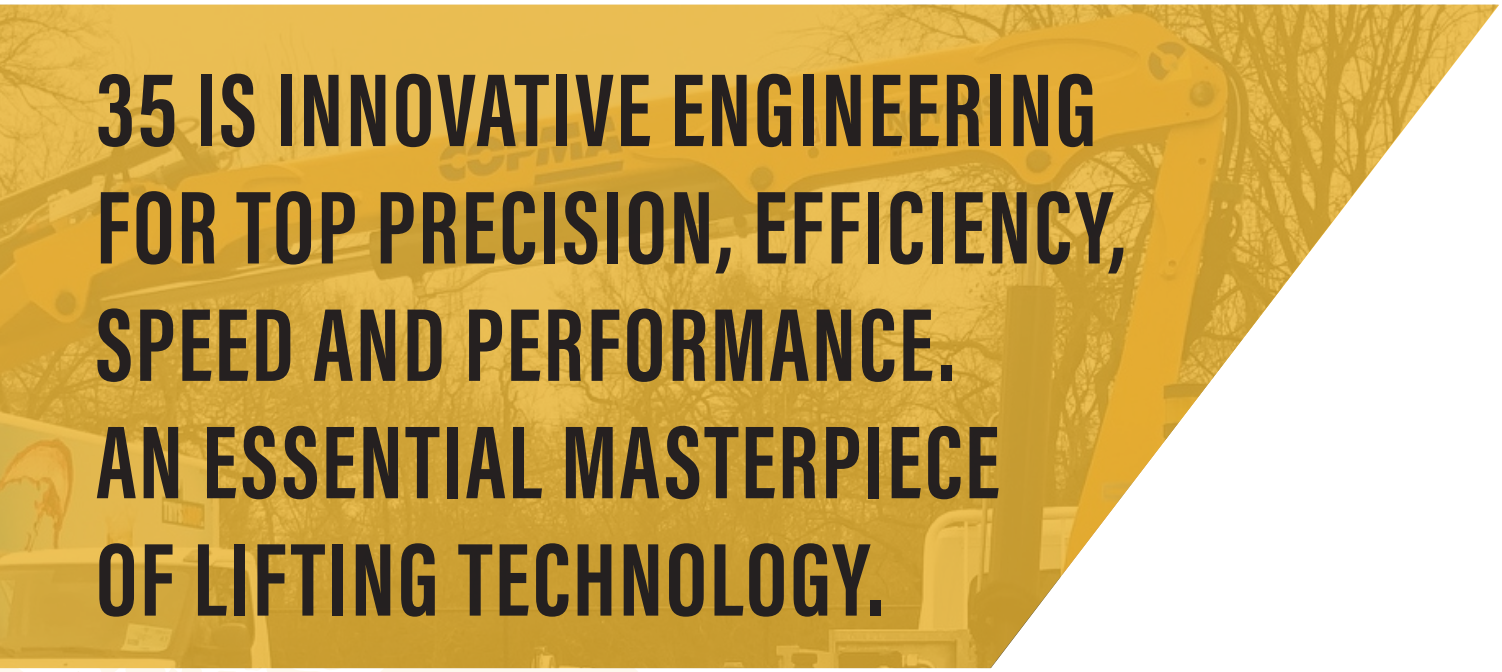
35

ESSENTIAL

MODEL

COPMA 35

Performance & Power



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

- **ESSENTIAL model, load category - 3 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 35

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 35
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
- structure — RRP structure

optional features

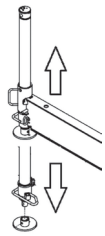
- control — RRC 2.0 control, RRC 3.0 control

*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.



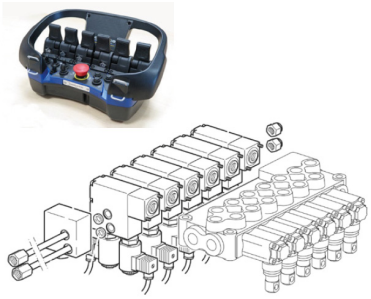
Transport Alert Device

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.



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.



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.



Rotation SYSTEM WITH Rack AND Pinion

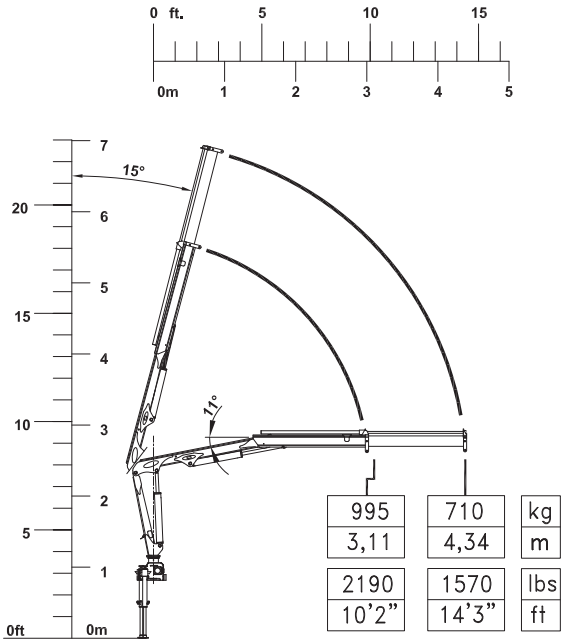
The rotation system with rack and pinion is the best optimal solution for the most performative lifting capacity, it reduce the weights and crane dimension for the most compact configuration.



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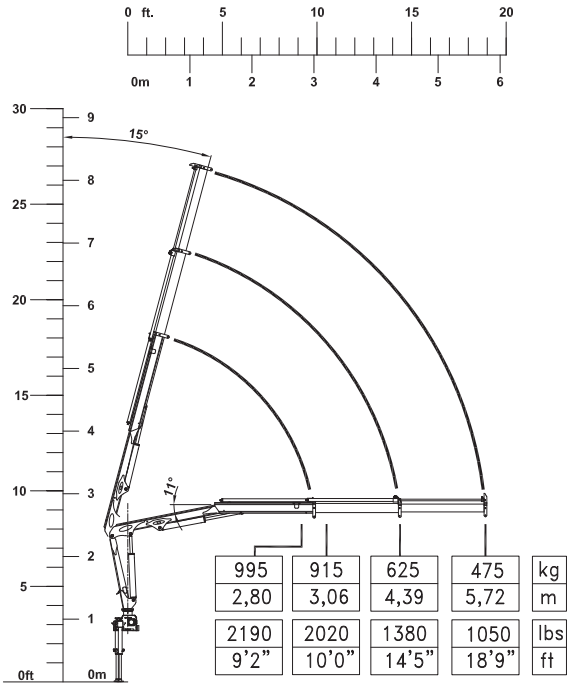
Load Charts

1 extensions

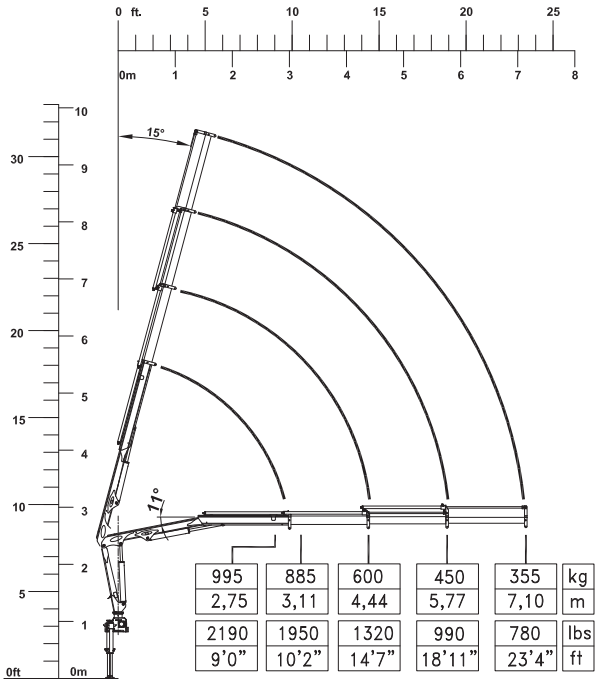


without moment lifting device

2 extensions



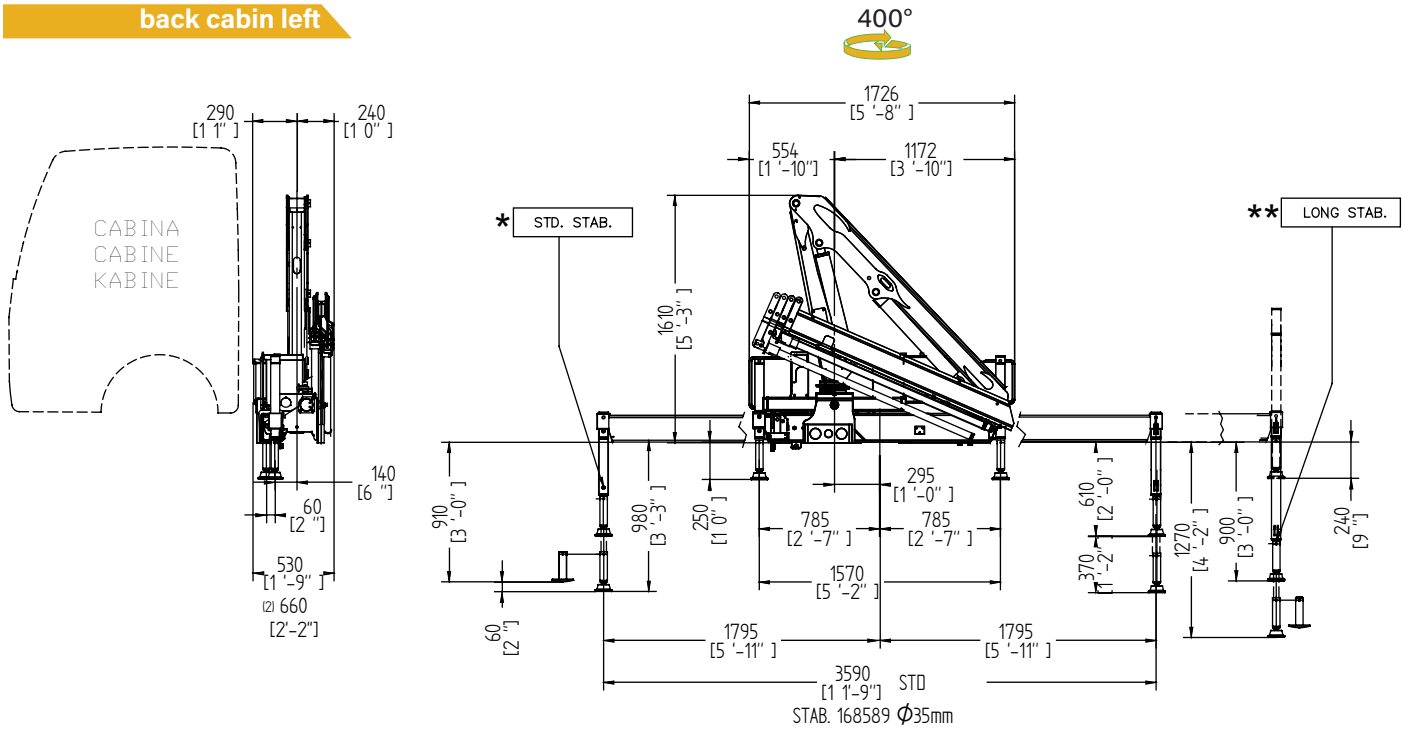
3 extensions



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Crane Dimensions

back cabin left

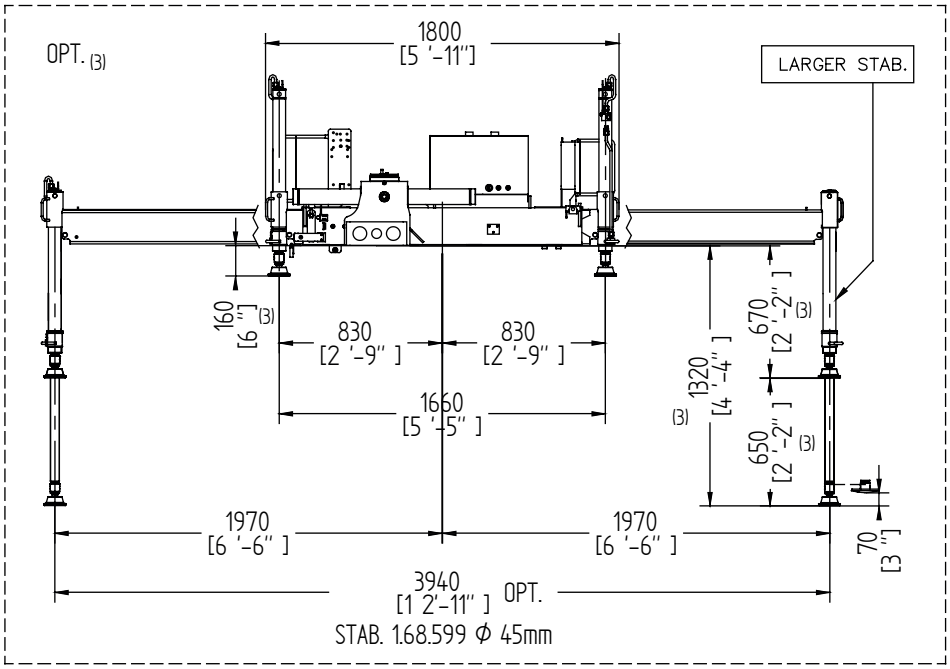


(2) 630 [2'-1"] track chain versions 1-2

(2) 660 [2'-2"] wire reel version 3

OPT.

3)Larger stabilizer legs



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Technical Data

summarized data

	kN.m	bar	l/min	kg	°	mm	mm	mm	mm
35.1	30,36	235	11	455	400	1726	530	1610	3600
35.2	27,47	235	11	490	400	1726	530	1610	3600
35.3	27	235	11	520	400	1726	530	1610	3600

	lbs.ft	psi	gal/min	lbs	°	ft/inc	ft/inc	ft/inc	ft/inc
35.1	21959	3408	2,91	1000	400	5’8”	1’9”	5’3”	11’10”
35.2	19869	3408	2,91	1080	400	5’8”	1’9”	5’3”	11’10”
35.3	19529	3408	2,91	1150	400	5’8”	1’9”	5’3”	11’10”

technical data

Max. lifting moment	30.36 kNm	21959 ft.lbs
Max. hydraulic outreach	7.10 m	23’4”
Slewing angle	400°	400°
Slewing torque	422 daNm	3052 ft.lbs
Stabilizer spread	3.60 mt	11’9”
Fitting space required (min./max)	0,63- 0,76 m	2’1”- 2’6” ft/inc
Width folded	1.75 m	5’9”
Max. operating pressure	235 bar	3408 psi
Recommended pump capacity	10 l/min	2.6 US gal./min
Dead weight (vers .1)	455 kg	1000 lbs

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

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COPMA
35

knuckle
boom
cranes

Powerful Synergies

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