



Powerful Synergies



COPMA

950

**TOP RANGE
MODEL**

COPMA 950

Performance & Power

950 HAS COMPACT DIMENSIONS AND OPTIMIZED WEIGHTS WITH A CUSTOMIZED DESIGN FOR MORE POWER AND RELIABILITY AT EVERY OPERATOR NEED.

- **TOP RANGE - HEAVY RANGE model, over 90 Ton/Mt**
- **High tensile strength steel**
- **Efficient safety system**
- **Reliability, speed and precision**
- **Extra long working life cycle**
- **Easier maintenance operations**





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



COPMA 950

More Safety & Security

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

- **Superior Hydraulic Technology**
- **Dynamic Electronic Controls**
- **High Degree of User Friendliness**
- **Efficiency and Reliability thanks to superior structural features**
- **More Efficiency with advanced electronic controls**





DESIGNED FOR FLEXIBLE SERVICES

COPMA 950

Technical Features

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

Standard features

- easy use



- control



- structure



optional features

- control



*E.C. market specific equipment



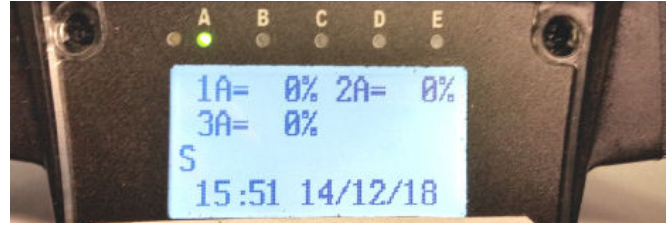
HSE
easy use
High Speed Extension

Hydraulic system for reducing load losses and bottlenecks for the correct output sequence of the extensions by increasing the speed of 30%-60% thanks to the regenerative valve. Greater continuous performance thanks to lower fluid temperature.



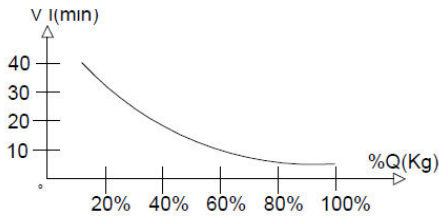
ERD
easy use
Electronic Radio Display

A display on the remote control allows the operator to maintain the total control of all the crane functions in real time by managing the work mode, the stability control, and oversee any maintenance and diagnostic messages.



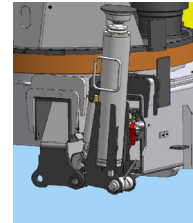
HPV
E
easy use
High Power Velocity Electronic

A valve electronically manages the flow of oil to the distributor by increasing the load capacity of the crane and intervening on the lifting speed. Allowing the reduction of dynamic effects while optimizing performance.



HLS
2.0
easy use
Hydraulic Lifting Stabilizers 2.0

The stabilizer cylinder is lifted thanks to an auxiliary jack, allowing the vertical movement inside a bush or a rotation around a pin. This easy use system saves time and allows an efficient stabilizer set up.



TAD
control
Transport Alert Device

Sensors on the basement guarantee 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.



RRC
3.0
control
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.



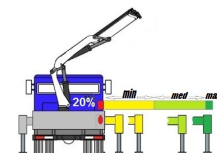
CMS
2.0
control
Crane Monitoring System 2.0

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.



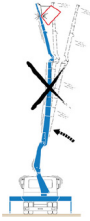
TES
3.0
control
Truck Electronic Stability 3.0

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



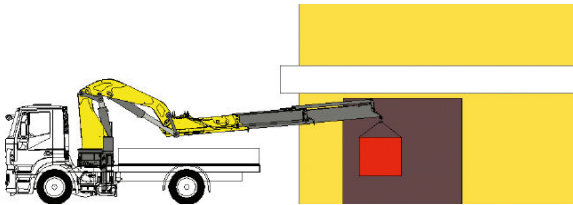
NCS
control
Negative Control System

Slope sensors mounted on the articulated booms of the crane, combined with the electronic control, manage the maximum vertical angle of the arms and the JIB preventing incorrect or dangerous movements by the operator.



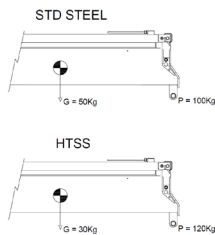
NBS
structure
Negative Boom System

The linkage on the articulation of the secondary boom permits the introduction of loads within restricted spaces. It enables the recovery of the deflection of the extension boom group due to the weight and the load raised on the extensions.



HTSS
structure
High Tensile Strength Steel

The entire high-strength steel structure thanks to an advanced FEM engineering process, develops an extraordinarily light and performing crane structure. In the perfect balance between maximum performance and operational safety.

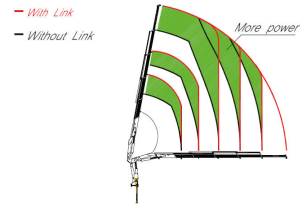


PJM
control
Power Jib Monitoring

The PJM system guarantees to operate with the maximum performance in every working condition thanks to a dynamic variation of the maximum pressure according to the crane arm angles.

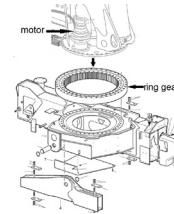
CCLS
structure
Constant Control Link

The cranes equipped with connecting rods on the articulations, with a constant lifting moment over the entire working arc, allow to 100% optimize the crane's capacity in positions close to the maximum vertical.



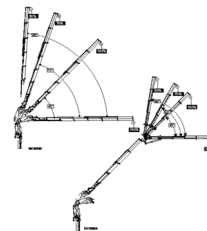
RES 2.0
structure
Rotation Endless System 2.0

Rotating system with bearing and double gearbox, equipped with clearance adjusting system with eccentric shaft. It provides the perfect transmission of the rotation with the bearing.



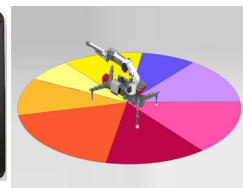
WLC
control
Winch Linear Control

The winch linear electronic control allows pulling the rope according to the working angle of the crane and the JIB. It optimizes the load control and makes every movement easier and safer.



CMS 3.0
control
Crane Monitoring System 3.0

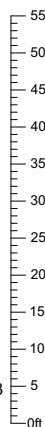
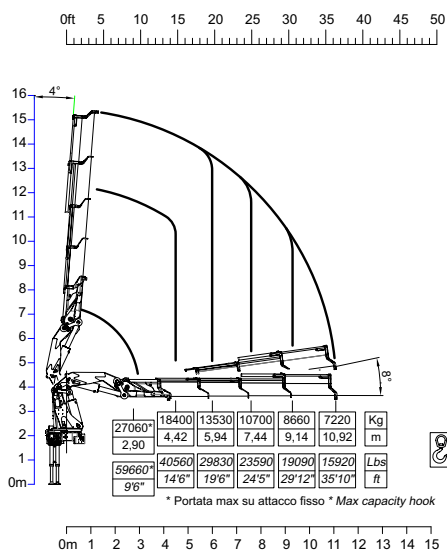
Crane stability control system TES2-TES3, with safety and overload controls medium high-range crane and HPVE lifting speed management. Active control on 4-8 working areas according to the model and vehicle stability requirements.



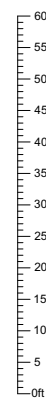
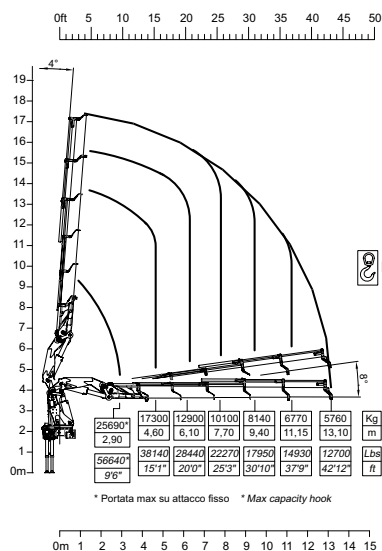
950 TOP RANGE

Load Charts

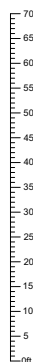
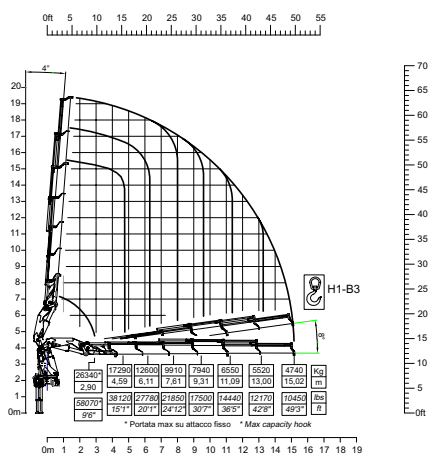
4 extensions



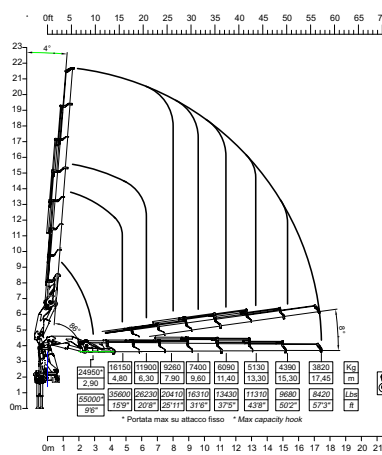
5 extensions



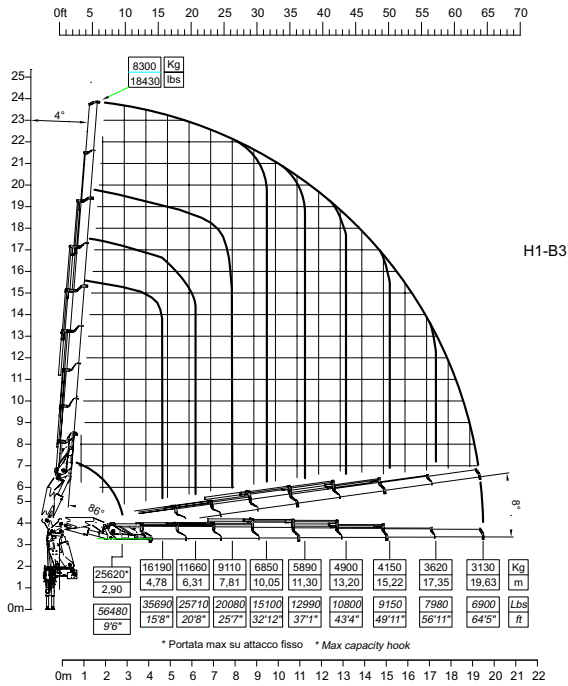
6 extensions



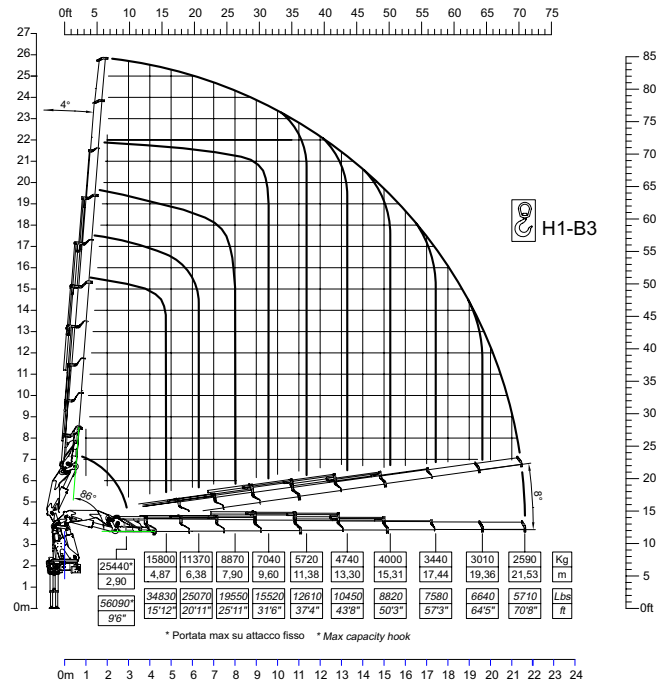
7 extensions



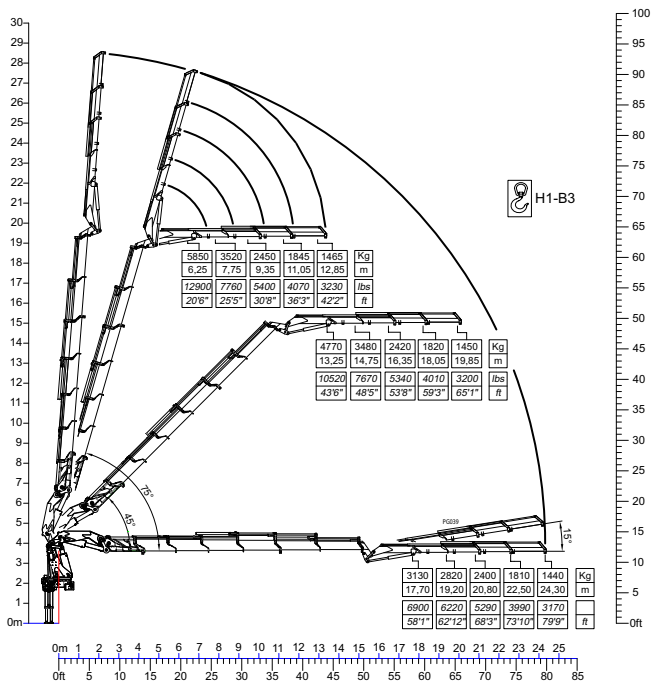
8 extensions



9 extensions



950.6 + J4

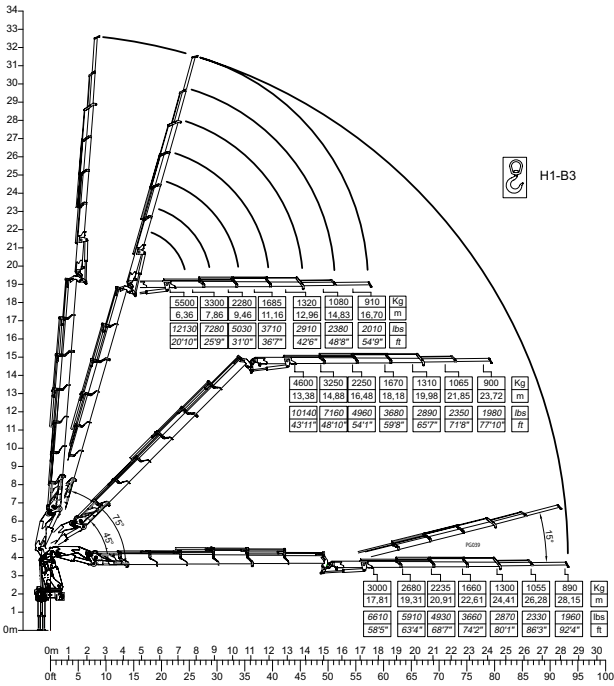


* Note:

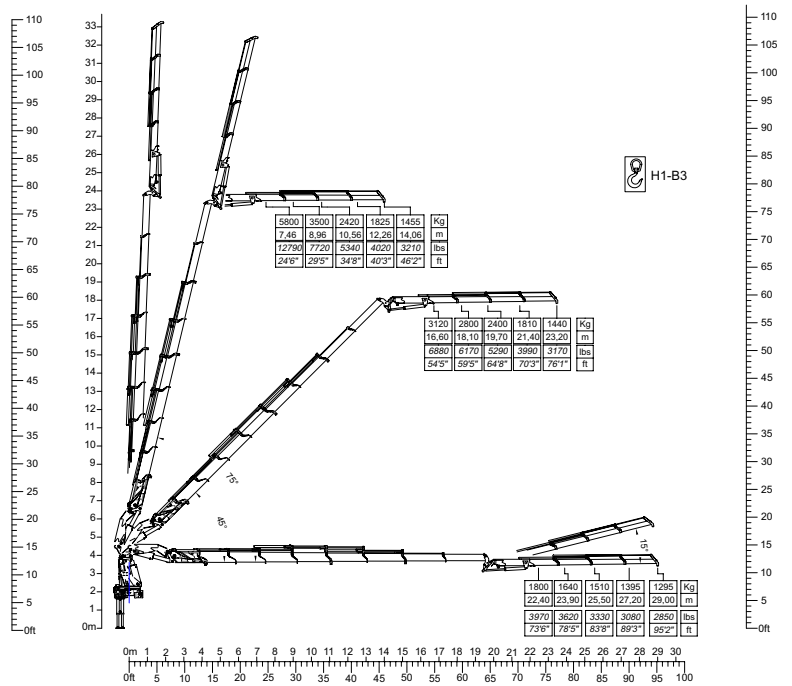
Technical features are not binding. The company reserves itself the right to any modification without notice



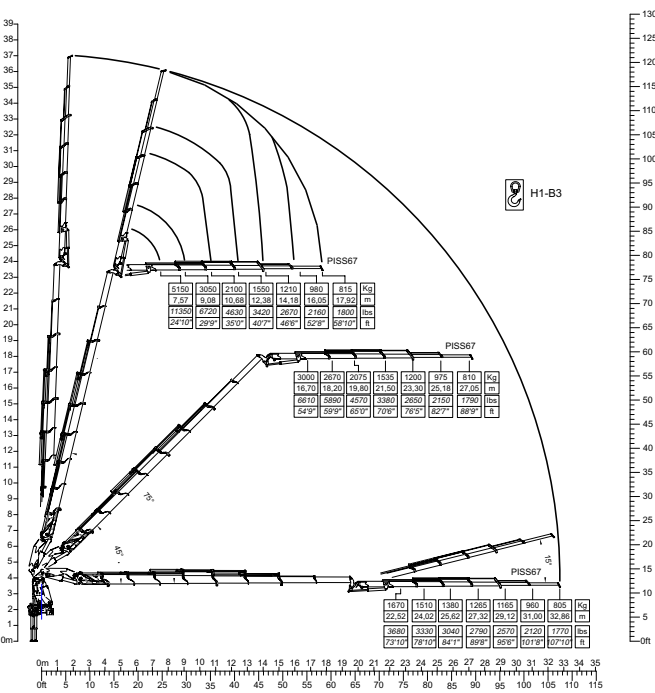
950.6 + J6



950.8 + J4



950.8 + J6

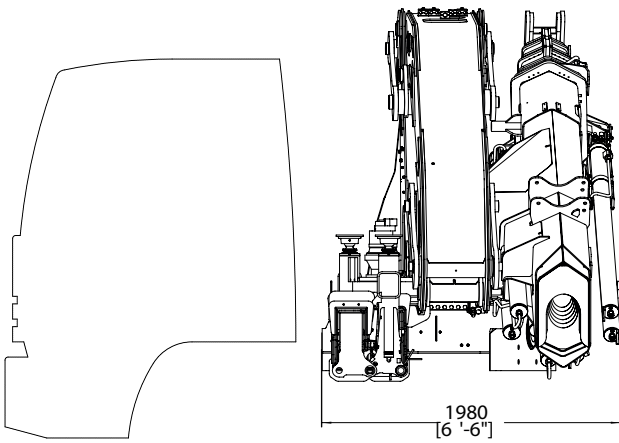


950 TOP RANGE

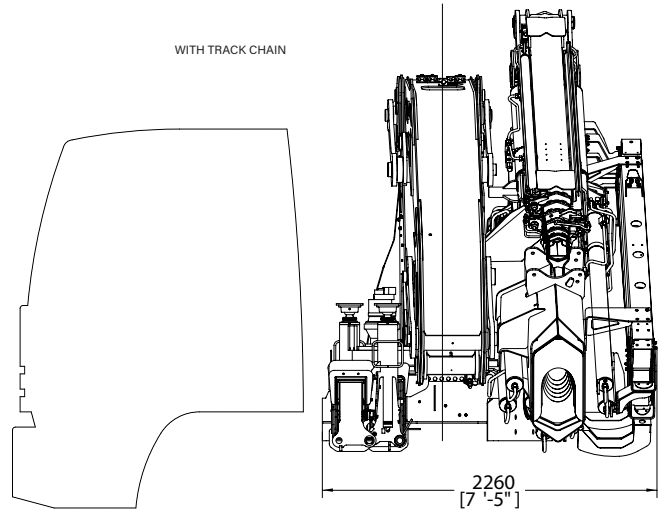
Crane Dimensions

back cabin left

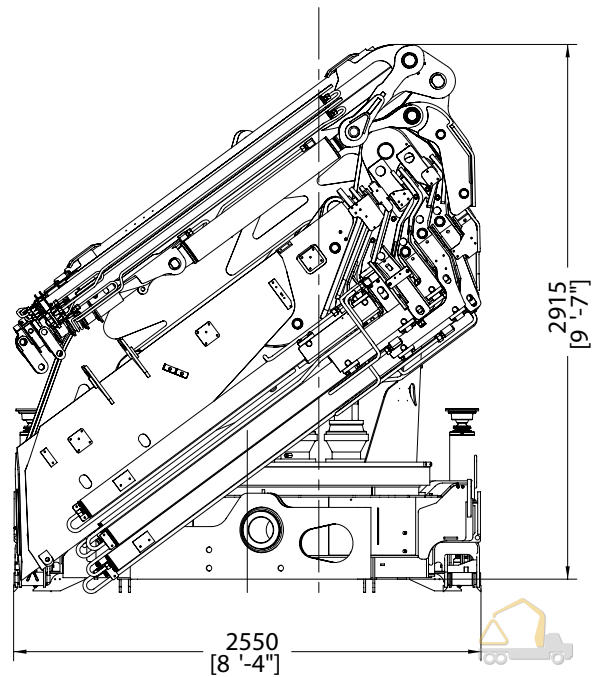
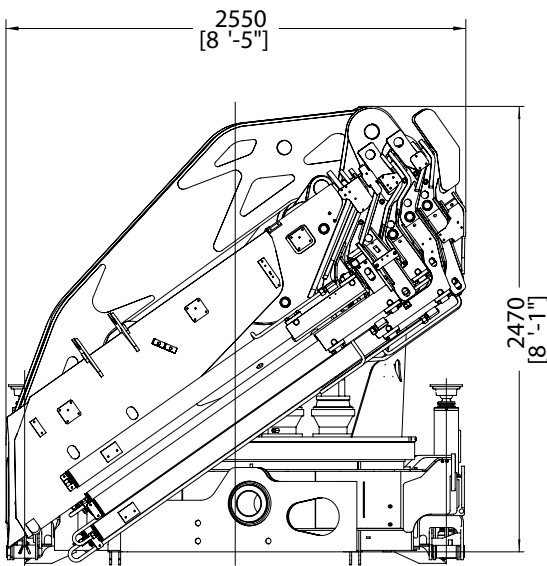
min. 1980 max 2180
[min. 6'6" max. 7'2"]



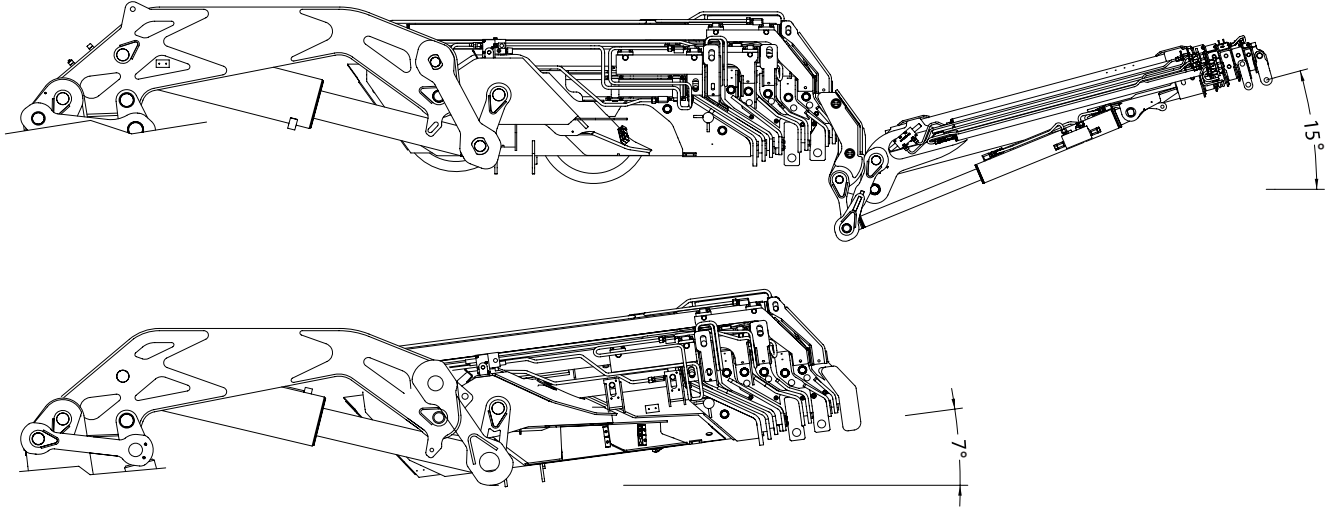
WITH TRACK CHAIN



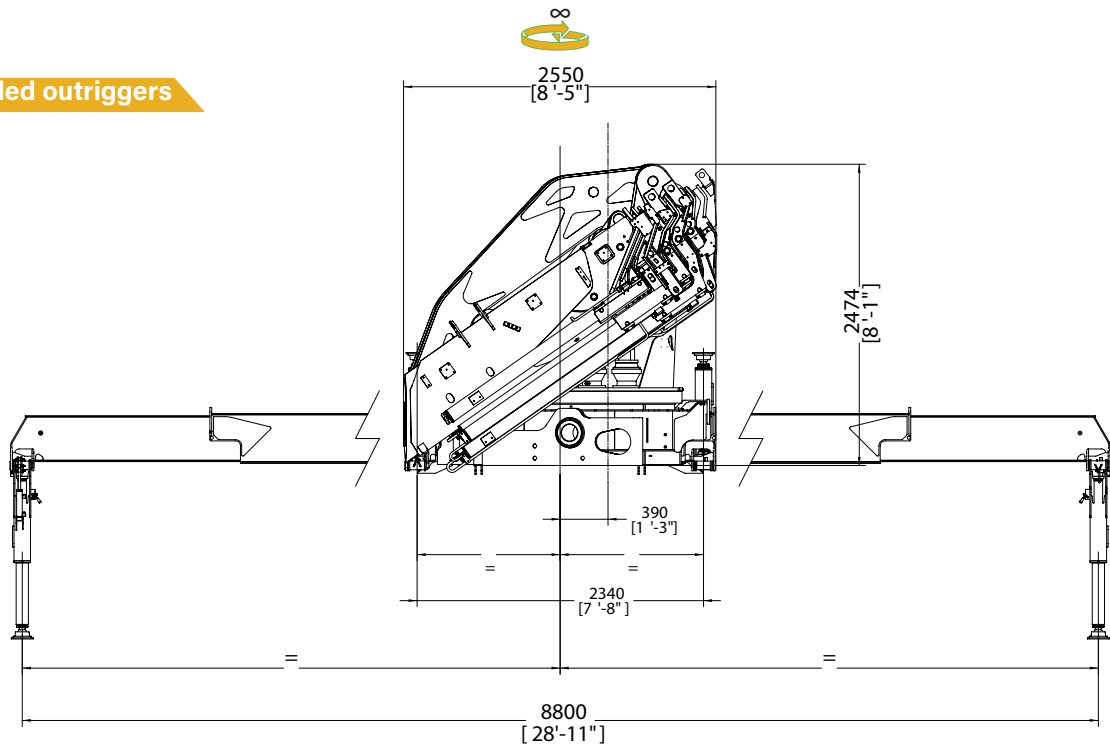
rear truck



operational



extended outriggers












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950 TOP RANGE

Technical Data

summarized data

									
	kN.m	bar	l/min	kg	°	mm	mm	mm	mm
950.4	805	345	80	8370	∞	2550	1980	1980	8800
950.5	781	345	80	8795	∞	2550	1980	1980	8800
950.6	768	345	80	9055	∞	2550	1980	1980	8800
950.6J4	768	345	80	9845	∞	2550	2160	2915	8800
950.6j6	768	345	80	9960	∞	2550	2160	2915	8800
950.7	760	345	80	9400	∞	2550	1980	2470	8800
950.8	747	345	80	9520	∞	2525	1980	2470	8800
950.8j4	747	345	80	10305	∞	2550	2160	2915	8800
950.8j6	747	345	80	10425	∞	2550	2160	2915	8800
950.9	742	345	80	9700	∞	2550	1980	2470	8800

									
	lbs	psi	gal/min	lbs	°	ft/inc	ft/inc	ft/inc	ft/inc
950.4	593885	5003	21	19140	∞	8'4"	6'6"	8'1"	28'11"
950.5	575298	5003	21	19390	∞	8'4"	6'6"	8'1"	28'11"
950.6	566447	5003	21	19960	∞	8'4"	6'6"	8'1"	28'11"
950.6J4	566447	5003	21	21700	∞	8'4"	7'5"	9'7"	28'11"
950.6j6	566447	5003	21	21960	∞	8'4"	7'5"	9'7"	28'11"
950.7	560547	5003	21	20720	∞	8'4"	6'6"	8'1"	28'11"
950.8	550811	5003	21	20990	∞	8'4"	6'6"	8'1"	28'11"
950.8j4	550811	5003	21	22720	∞	8'4"	7'5"	9'7"	28'11"
950.8j6	550811	5003	21	22980	∞	8'4"	7'5"	9'7"	28'11"
950.9	547344	5003	21	21380	∞	8'4"	6'6"	8'1"	28'11"

technical data

Max. lifting moment	805 kNm	593885 ft.lbs
Max. hydraulic outreach	21.65 m	71'0"
Slewing angle	∞	∞
Slewing torque	8200 kNm	59320 ft.lbs
Stabilizer spread	8.80 mt	28'11"
Fitting space required (min./max)	1.98 m/2.26 m	6'6"/7'5"
Width folded	2,55 m	8'5"
Max. operating pressure	345 bar	5003 psi
Recommended pump capacity	80 l/min	21 US gal./min
Dead weight (vers. 4)	8370 kg	19140 lbs

* Note:

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**SUPERIOR
RELIABILITY
FOR EVERY
OPERATOR**



COPMA 950



knuckle
boom
cranes



Powerful Synergies



CPS



**CPS
STEEL**

CPS GROUP S.P.A.

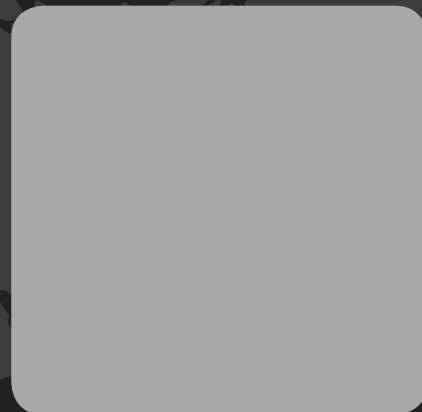
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