



Powerful Synergies



COPMA[®]

44

ESSENTIAL
MODEL

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SINGAPORE

COPMA 44

Performance & Power

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

- **ESSENTIAL model, load category - 4 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 44

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 44

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

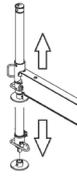
- control





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.



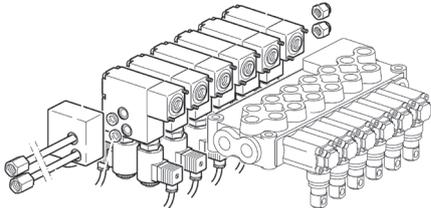
Crane Monitoring System 1.0

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.



Radio Remote Control 2.0

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.



Rotation Rack Pinion

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.



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.



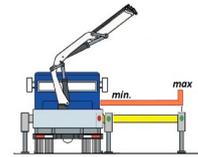
Transport Alert Device

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.



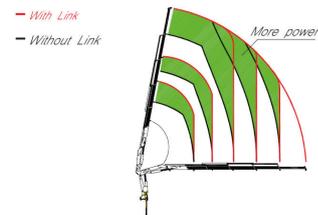
Radio Remote Control 3.0

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



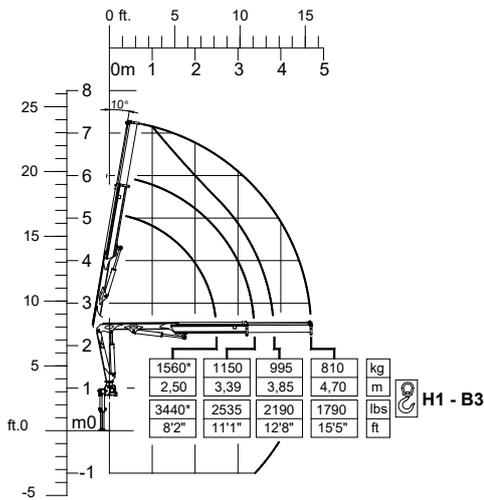
Constant Control Link

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.



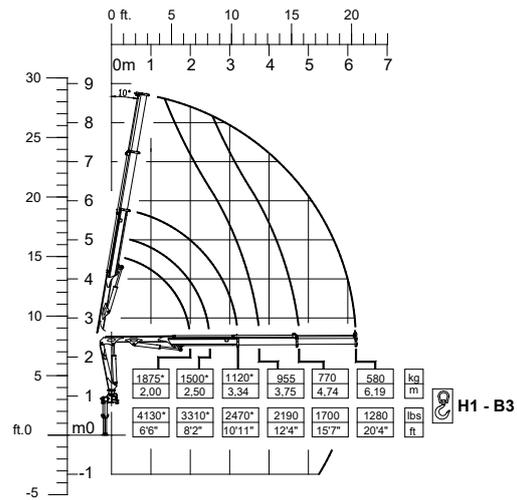
Load Charts

1 extensions



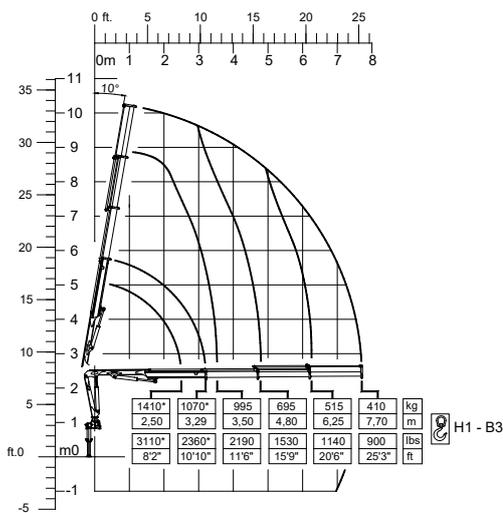
gru con limitatore di momento
with moment limiting device

2 extensions



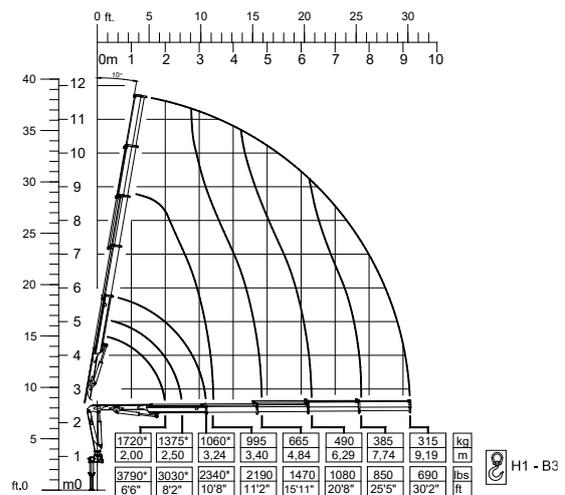
con limitatore di momento
with moment limiting device

3 extensions



gru con limitatore di momento
with moment limiting device

4 extensions



gru con limitatore di momento
with moment limiting device

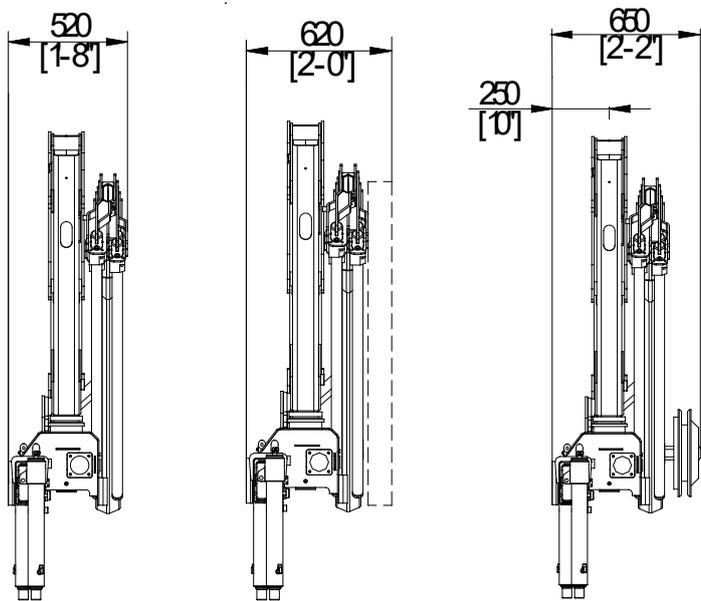
* Note:
Technical features are not binding.
The company reserves itself the right to any modification without notice



44 ESSENTIAL

Crane Dimensions

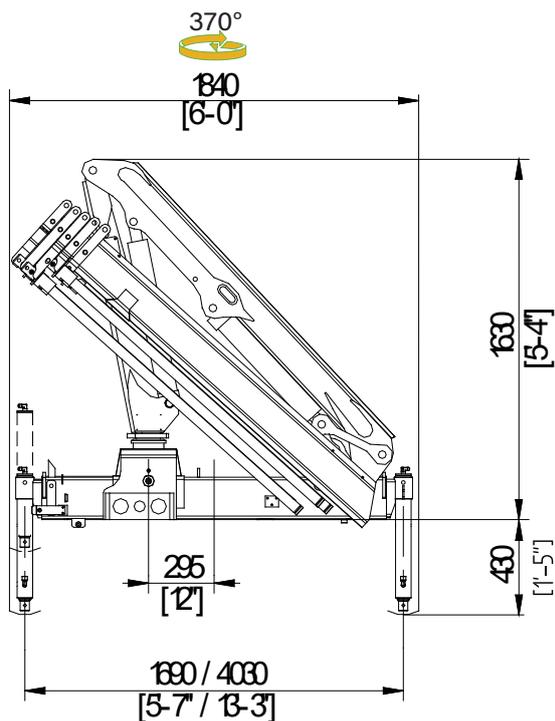
back cabin left



with TRACK CAN

with WHEEL

rear truck



44 ESSENTIAL

Technical Data

summarized data

									
	kN.m	bar	l/min	kg	°	mm	mm	mm	mm
44.1	38,3	295	10	520	400	1840	520	1630	4030
44.2	36,8	295	10	550	400	1840	520	1630	4030
44.3	34,6	290	10	585	400	1840	520	1630	4030
44.4	33,7	290	10	610	400	1840	520	1630	4030

									
	lbs.ft	psi	gal/min	lbs	°	ft/inc	ft/inc	ft/inc	ft/inc
44.1	2770	4205	2,6	1150	400	6'0"	1'8"	5'4"	13'3"
44.2	2662	4205	2,6	1210	400	6'0"	1'8"	5'4"	13'3"
44.3	2503	4205	2,6	1290	400	6'0"	1'8"	5'4"	13'3"
44.4	2438	4205	2,6	1370	400	6'0"	1'8"	5'4"	13'3"

technical data

Max. lifting moment	38.3 kNm	27700 ft.lbs
Max. hydraulic outreach	9.19 m	30'2"
Slewing angle	400°	400°
Slewing torque	455 daNm	3291 ft.lbs
Stabilizer spread	4.03 mt	13'3"
Fitting space required (min./max)	0.52/0.65 m	1'8"/2'2"
Width folded	1.84 m	6'0"
Max. operating pressure	295 bar	4278 psi
Recommended pump capacity	10 l/min	2.6 US gal./min
Dead weight (vers .1)	520 kg	1150 lbs

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**GET READY TO A
BETTER LIFTING
EXPERIENCE**



COPMA 44



knuckle
boom
cranes



Powerful Synergies



CPS



**CPS
STEEL**

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UNICERT
ISO 9001:2008



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