

MEC

a company of

BUSIGROUP

HYDRAULIC CRANES

a company of BUSIGROUP

MEC EXCELLENCE: RELIABLE, QUALITY AND INNOVATIVE











With over 50 years of experience, MEC stands out today in Italy and worldwide in the production of cranes, Hooklifts, skip loaders and agricultural HOOKLIFT trailers. Durability, quality and innovation are the foundation of MEC equipment. We offer a wide range of options and technical solutions able to meet customer requirements in all sectors.

MEC was originally established in 1966 in Mondovi (Cuneo), to build equipment for trucks and soon specialized in the construction of TRUCK CRANES for loading scrap and bulk solids. Over the course of years, the company expanded into manufacturing equipment for many truck and trailer mounted applications.
Years of experience, a dynamic and ISO certified lean manufacturing system with constant technological development and a commitment to quality have produced products that meet or exceed all international certifications. MEC is committed to excellence and the growth of their products in new markets and applications.





HYDRAULIC CRANES **INDEX**

S	**1-2 S2 - S3**	P.04
Z	**1Z-2Z 1Z1-1Z2**	P.12



HYDRAULIC CRANES
S

SERIES
S

1-2
S2 - S3

6t - 17t
4t - 16t

The main technical features of this series is the rest position into the container. The application fields are several, from waste, to paper, sludge or scrap metal handling.

Cranes of .1 and .2 series are suitable to be installed on fixed working position, on trucks behind the cab in combination with tipper system or on semitrailers.
Thanks to the lifting arm not extendable, the crane structure is solid and it is perfect for heavy duty works, especially when it is required to crush / press the waste into the container during the loading phase, e.g. scrap metal manipulation.

The main technical features are:
- Lifting arm (1° arm) not extendable.
- Articulated arm (2° arm) equipped with one extension (.1 model).
- Articulated arm (2° arm) equipped with two extensions (.2 model).

Cranes of S2 and S3 series are extremely versatile and the extension on the first arm allows an easy loading of the material close to the truck.
Thanks to the limited height, due to the extension on the first arm, it is possible to work with the crane into covered buildings. The possibility to combine the crane with different type of hydraulic stabilizers allow the fitting on any type of truck.
S2 and S3 cranes are suitable to be equipped on roll on / roll off containers frame, on trucks behind the cab in combination with tipper system or on semitrailers.

The main technical features are:
- Lifting arm (1° arm) extendable.
- Articulated arm (2° arm) equipped with one extension (S2 model).
- Articulated arm (2° arm) equipped with two extension (S3 model).

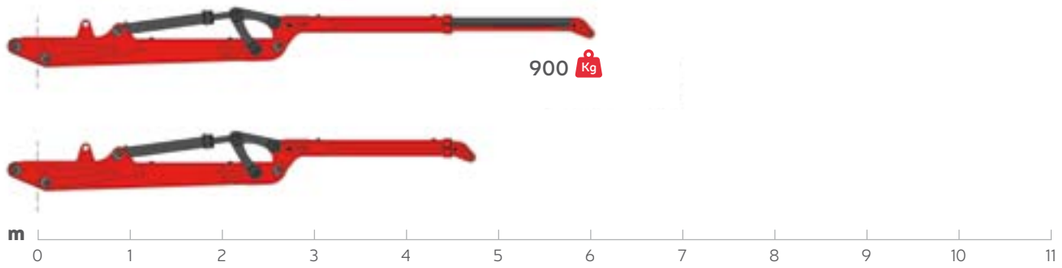




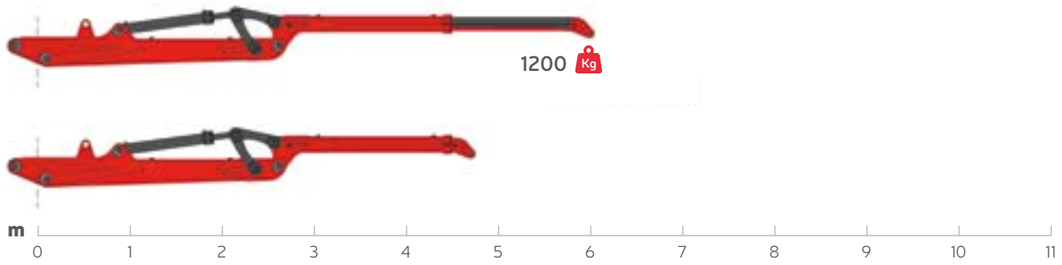
SERIES
S

1-2

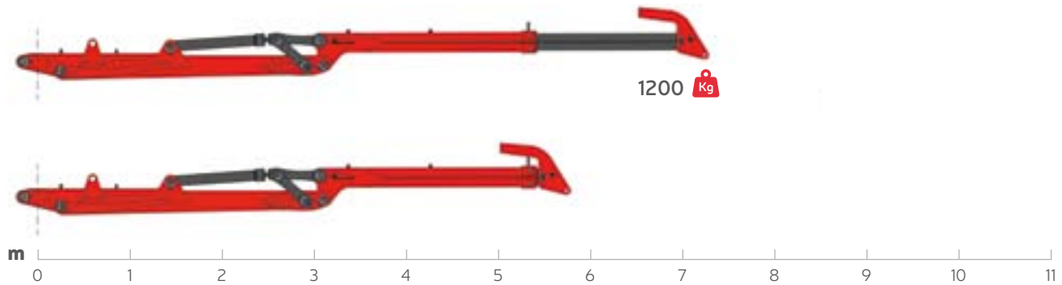
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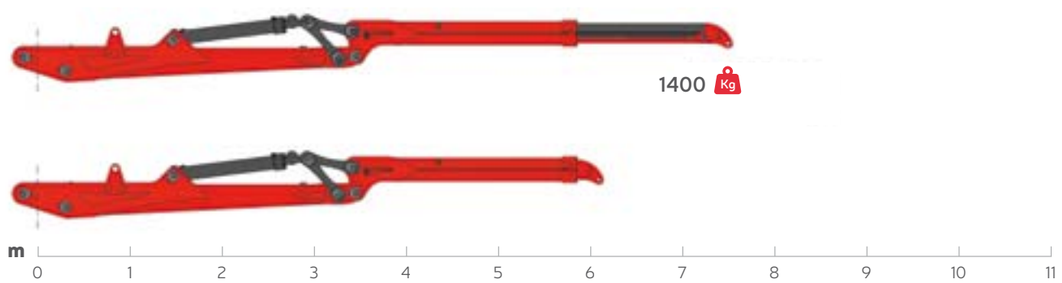
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CL100.72.1 100 kNm



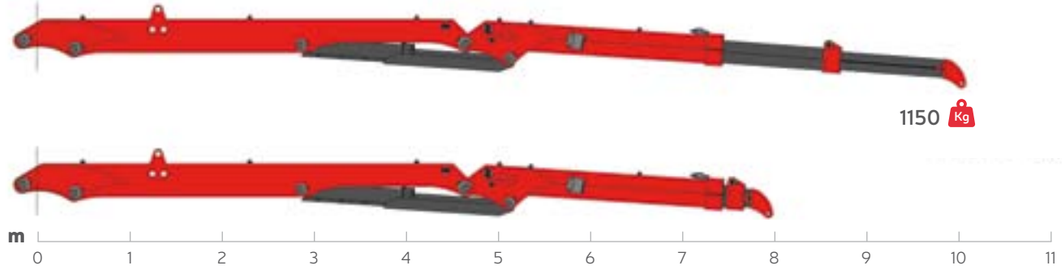
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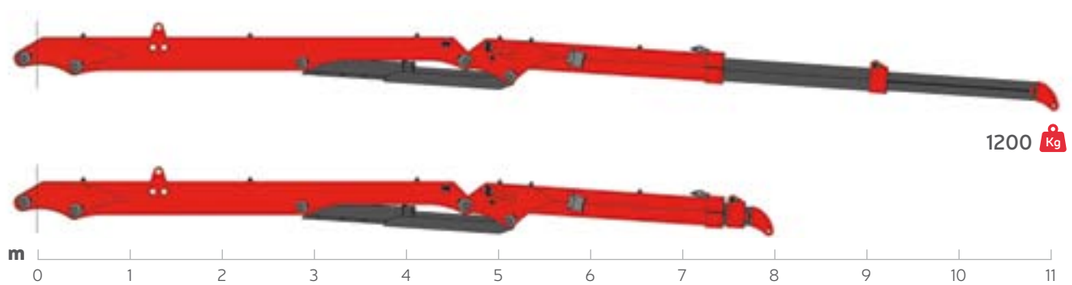
CL140.86.1 140 kNm



CL140.100.2 140 kNm



CL160.110.2 160 kNm



SERIES
S

S2 - S3

C40.48.S2 40 kNm





m 0 1 2 3 4 5 6 7 8 9 10 11

C40.56.S2 40 kNm





m 0 1 2 3 4 5 6 7 8 9 10 11

CL60.70.S2 60 kNm





m 0 1 2 3 4 5 6 7 8 9 10 11

CL80.70.S2 80 kNm





m 0 1 2 3 4 5 6 7 8 9 10 11

CL100.71.S2 100 kNm





m 0 1 2 3 4 5 6 7 8 9 10 11

CL120.75.S2 120 kNm



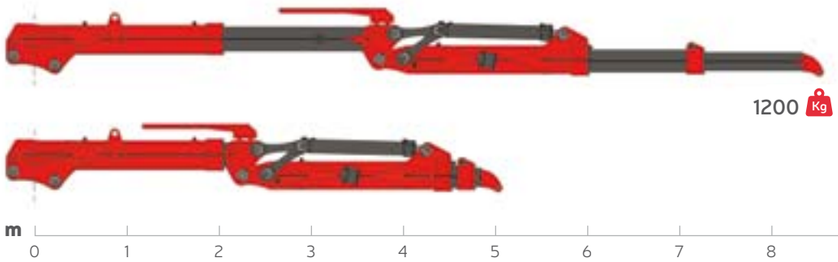


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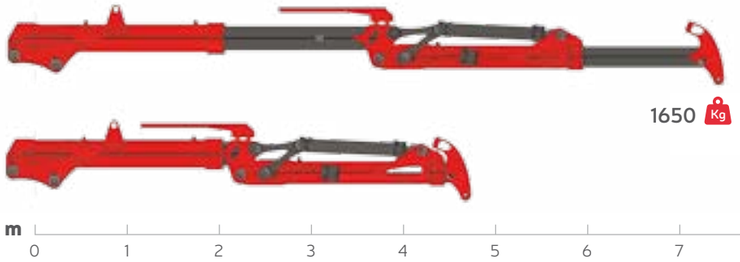
SERIES
S

S2 - S3

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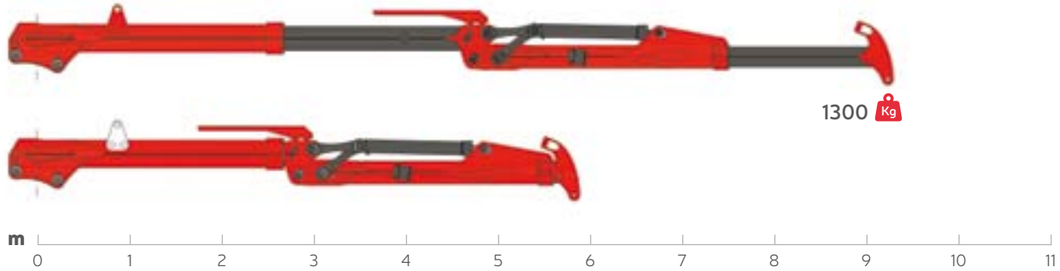
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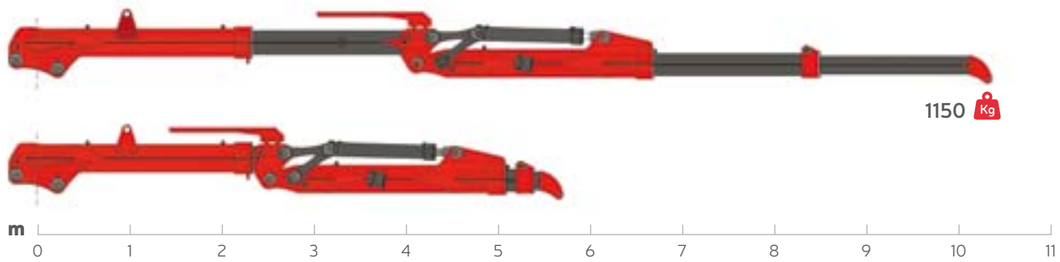
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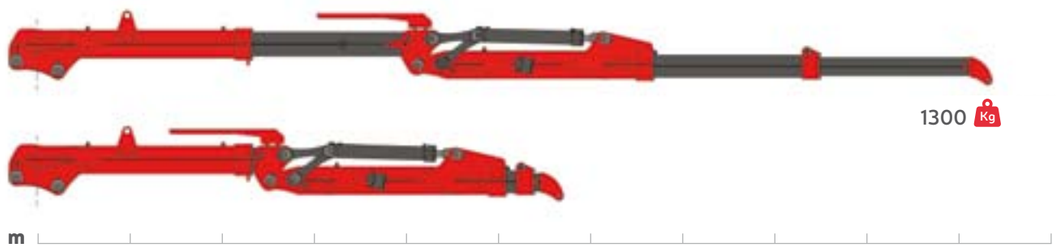
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CL140.100.S3 140 kNm



CL160.100.S3 160 kNm





HYDRAULIC CRANES
Z

SERIES Z

1Z-2Z
1Z1-1Z2

2,6t - 18t

"Z" series cranes are designed to operate at high speed and they are manufactured with a very solid structure. This specific feature makes them suitable for several uses, among which the forestry industry.
The possibility of an installation on the rear of the truck and an extension up to 9 meters allows the use of the crane for loading both truck and trailer, without taking off the trailer.
1Z1 - 1Z2 models are top sellers and they can be installed on trucks or on roll on/off containers. The hydraulic extension on the first arm allows to easily load the material close to the truck cab.
The overall dimensions of the arms (in rest position) don't exceed the edge of the crane basement, so it is suitable for roll on/off containers equipment.
The main technical feature that distinguish the "Z" series is that the crane in the resting position folds behind the cab truck, with its gripping device installed.

Main technical features of 1Z and 2Z

- Lifting arm (1° arm) not extendable.
- Articulated arm (2° arm) equipped with one extension (1Z model).
- Articulated arm (2° arm) equipped with two extension (2Z model).

Main technical features of 1Z1 and 1Z2

- Lifting arm (1° arm) extendable.
- Articulated arm (2° arm) equipped with one extension (1Z1 model).
- Articulated arm (2° arm) equipped with two extension (1Z2 model).
- Overall dimensions of the arms (in rest position) don't exceed the edge of the crane basement

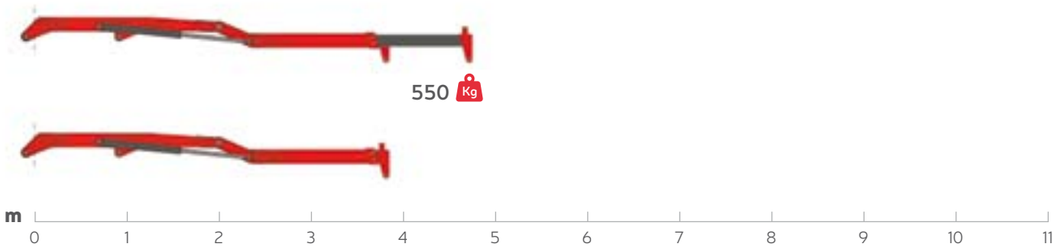




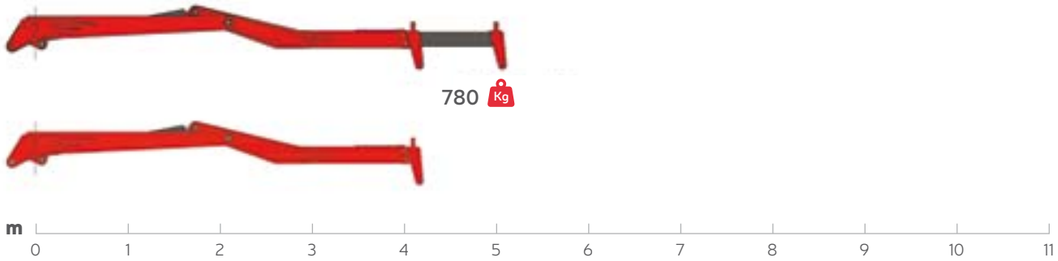
SERIES
Z

1Z-2Z

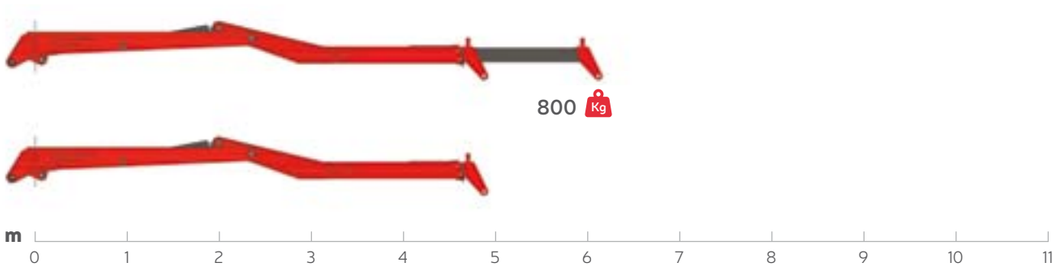
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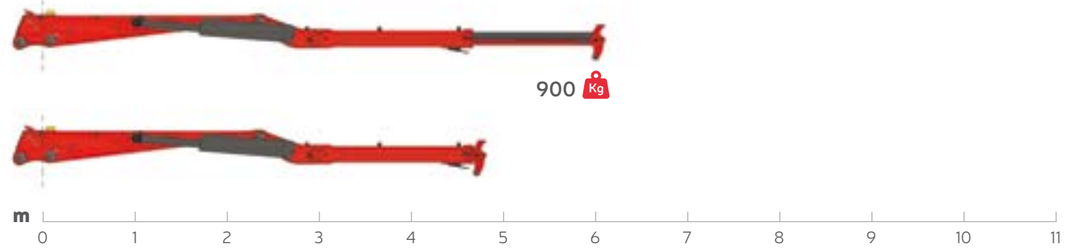
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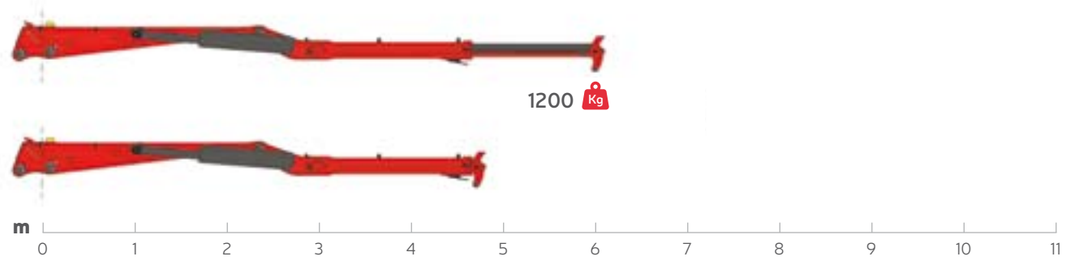
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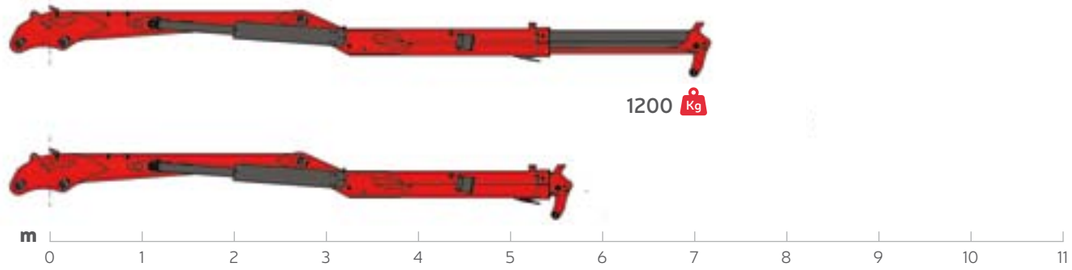
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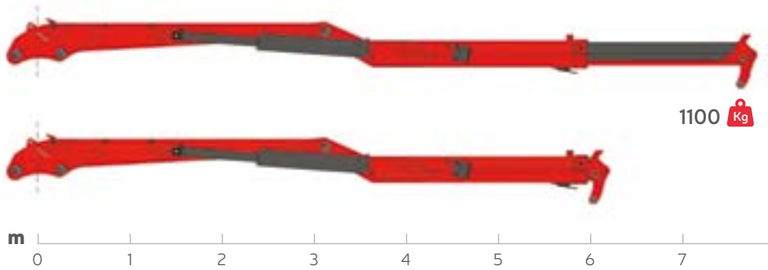
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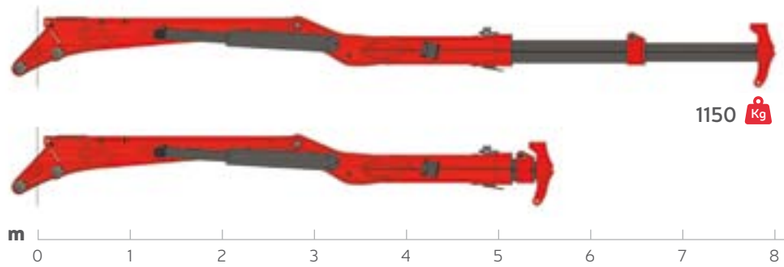
SERIES
Z

1Z-2Z

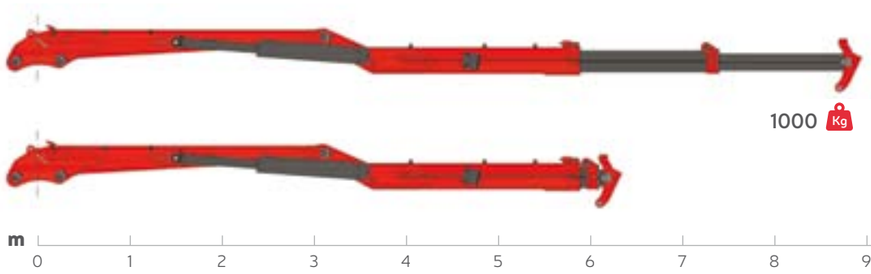
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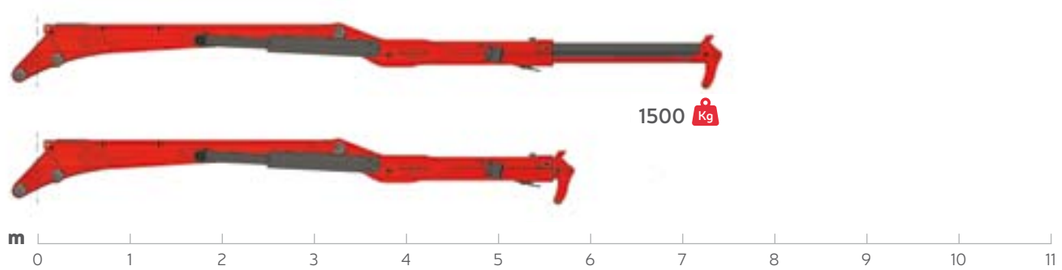
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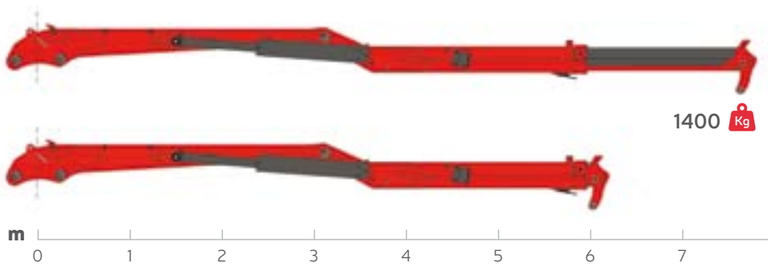
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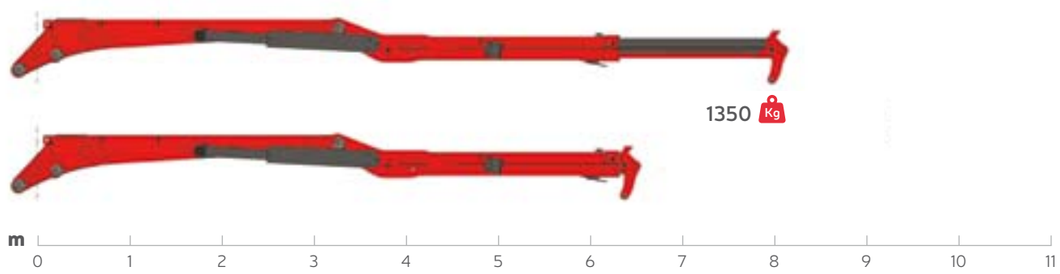
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CL120.76.1Z 120 kNm



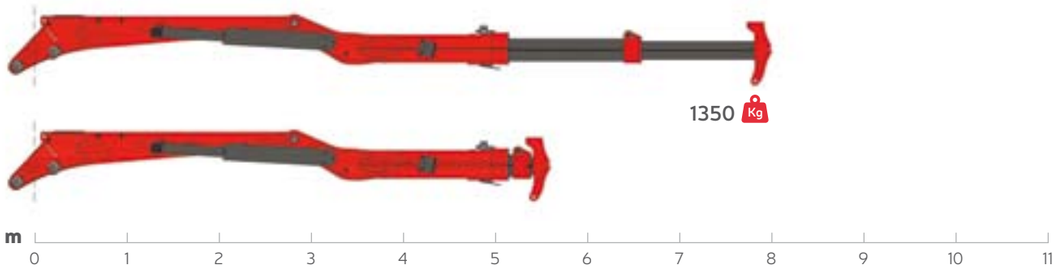
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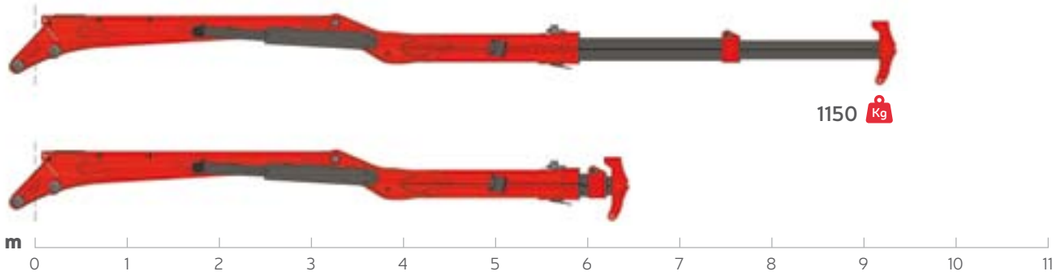
SERIES
Z

1Z-2Z

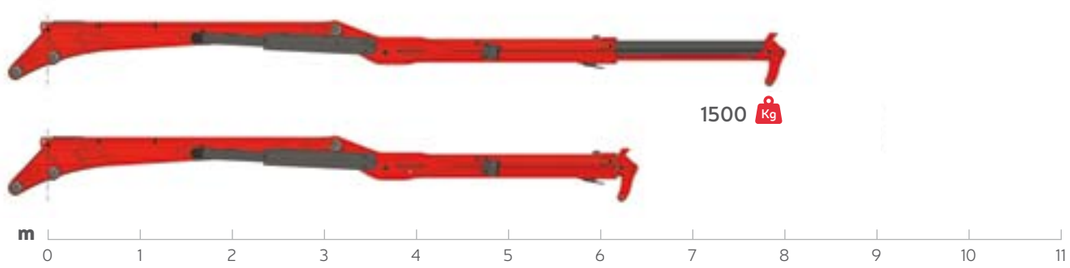
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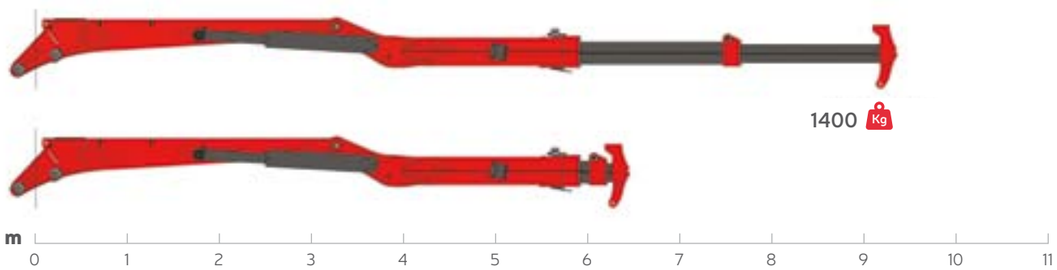
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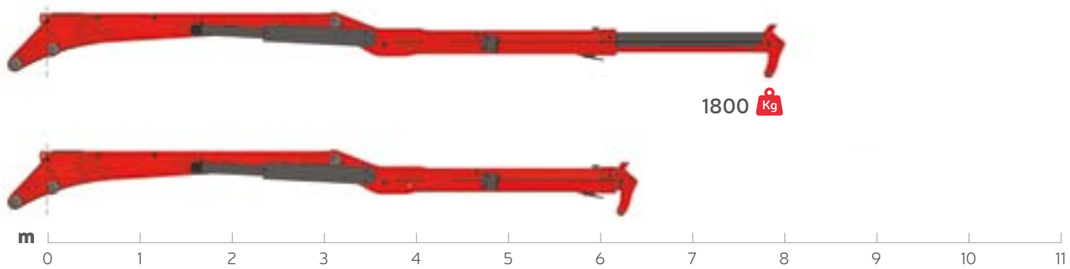
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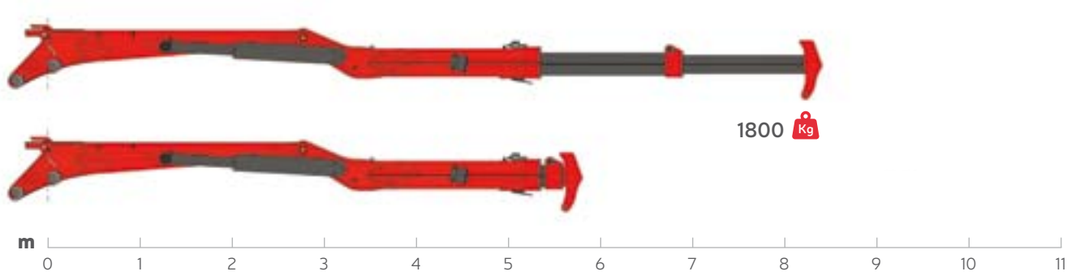
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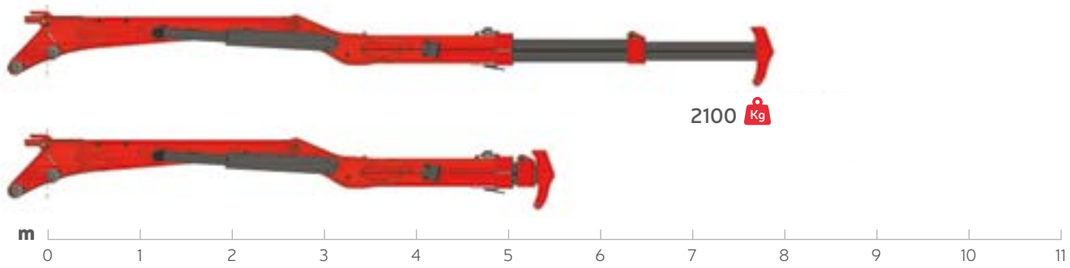
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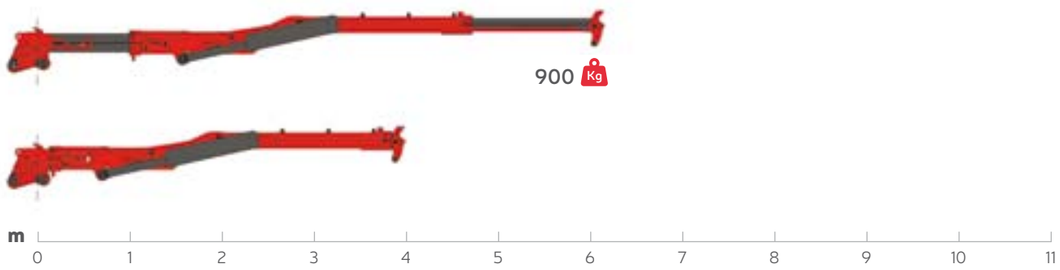
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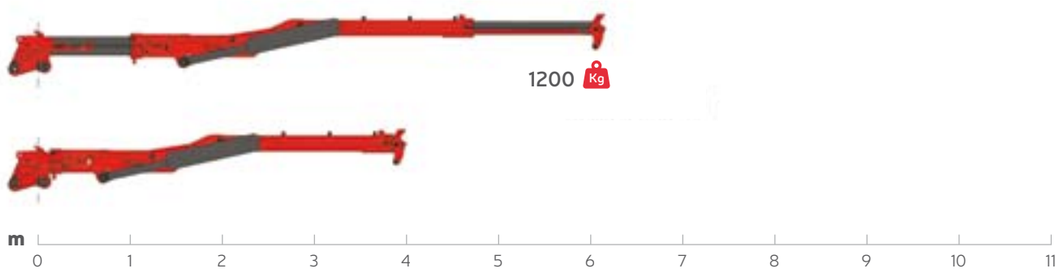
SERIES
Z

1Z1-1Z2

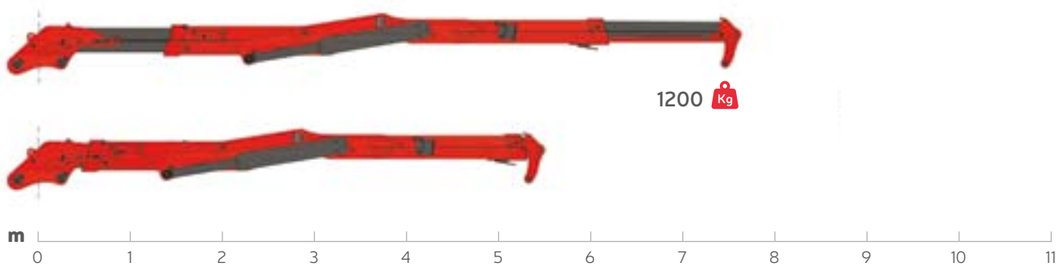
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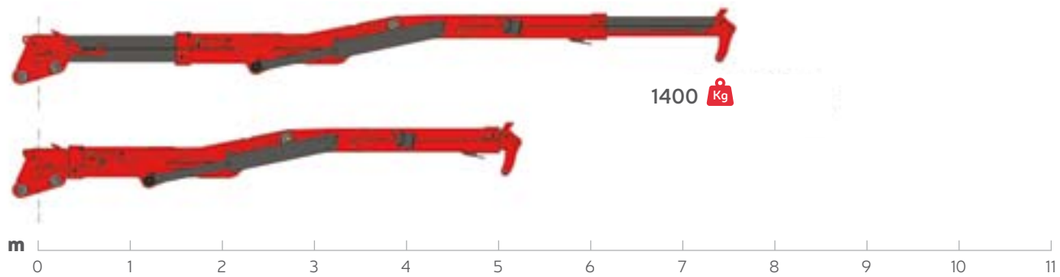
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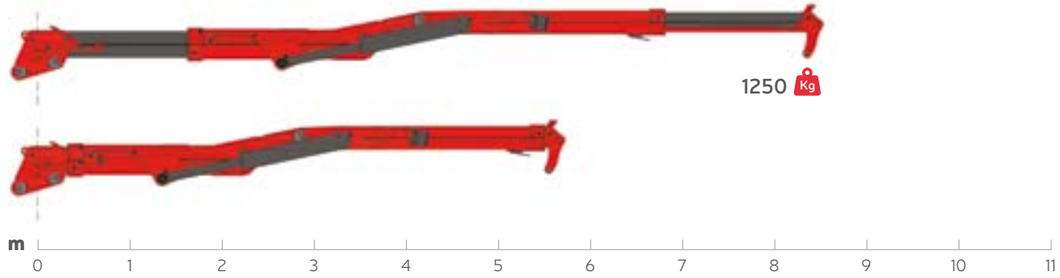
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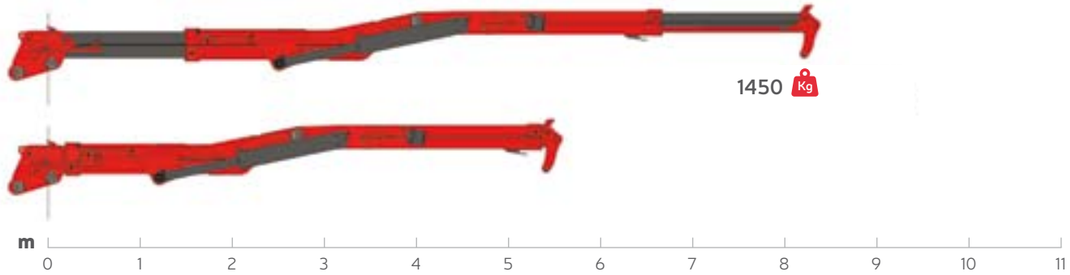
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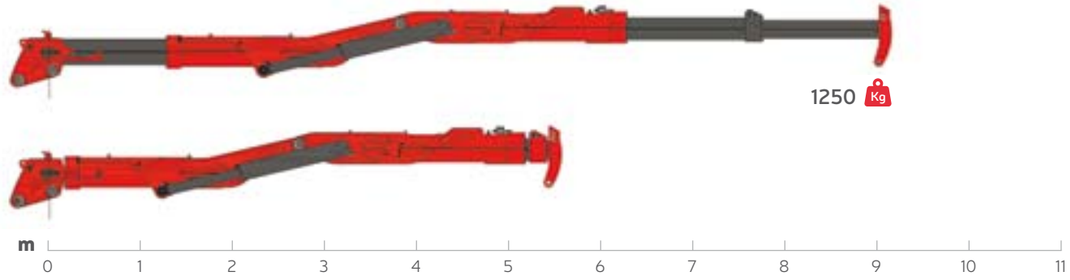
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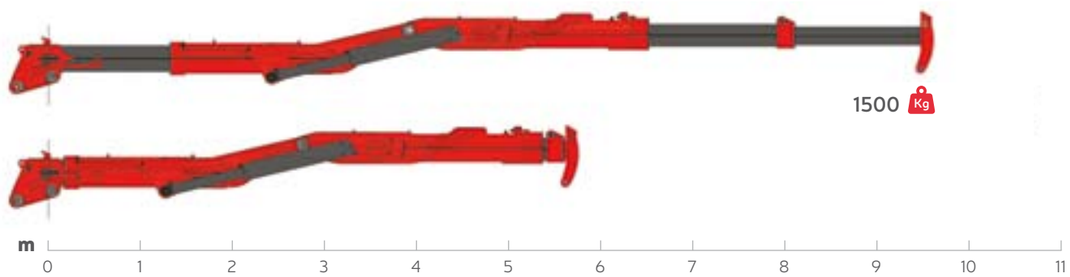
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CL140.91.1Z2 140 kNm



CL160.95.1Z2 160 kNm



MAJOR
STRENGTHS

MEC is proud of its innovative and R&D department where all the products has been created to provide efficient and innovative solutions to meet customer requirements.
The precision of the design phase is a guarantee of a durable piece of equipment capable of years of productive use.
MEC engineers and designers use state of the art technology and software to continue to offer customers reliable equipment for all applications.



Cylinder's cover protection



Bolted rode-guide



Ball bearing column otation



LED Working lights



Casted column



Base support with sferical connection



Side top seat with control levers

OPTIONAL



01 *Hydraulic stabilizer's side extension and rotation*



02 *Pantograph stabilizers*



03 *Control seat cabin*



04 *Pneumatic hook device for CG3000 bin*



05 *Low pressure-electronic joysticks*



06 *Side top seat with joysticks and pedals controls*



07 *Rear column top seat with joysticks and pedals controls*



08 *Hydraulically lifting side top seat*



09 *Hydraulically lifting rear top seat*

Our team of engineers and service professionals offer top quality after sales service. From providing new solutions to improving the performance of existing equipment, our staff is ready to serve you.

The power of a strong group.

The Busi Group is able to use the power of their integrated system to offer a wide range of products and ensure optimal performance of their equipment and consulting services to meet all customer requirements in waste management. From production to distribution and after sales service, the Busi Group has a network in Italy and abroad to ensure customer satisfaction.

Specializing in specific collection systems, the Busi-Group companies are:

B.T.E. S.p.a, based in Paitone since 1991, manufactures products for waste collection, compacting and transport. They also manufacture special equipment for vehicles including roll-off compactors, stationary presses, roll-off boxes, trailers and tanks.

MEC S.p.a, based in Mondovi, has been in operation since 1966. Part of the Busi Group since 2005, the company manufactures cranes, grapples, hooklifts, skip loaders and agricultural hooklift trailers.

OMB Technology S.r.l, based in Brescia since 1961, joined the Busi Group in 2014 and specializes in the manufacturing of containers as well as side and rear loading vehicles for waste collection.



The Busi Group's integrated system.

The strength of the Busi-Group is its unique integration system and synergy between its companies.

A dynamic system which is constantly updated, provides an environment where each company complements each other. Through the sharing of experience, technology, skills and analysis, the Busi-Group is able to provide the market with a complete range of cutting edge products.

THE COMPANIES

Three cutting edge companies in the collection, compaction and transport of waste.

CERTIFICATION

BTE S.p.a., MEC S.p.a. and OMB Technology are all Lean Manufacturing and ISO 9001 certified.

ECOLOGY

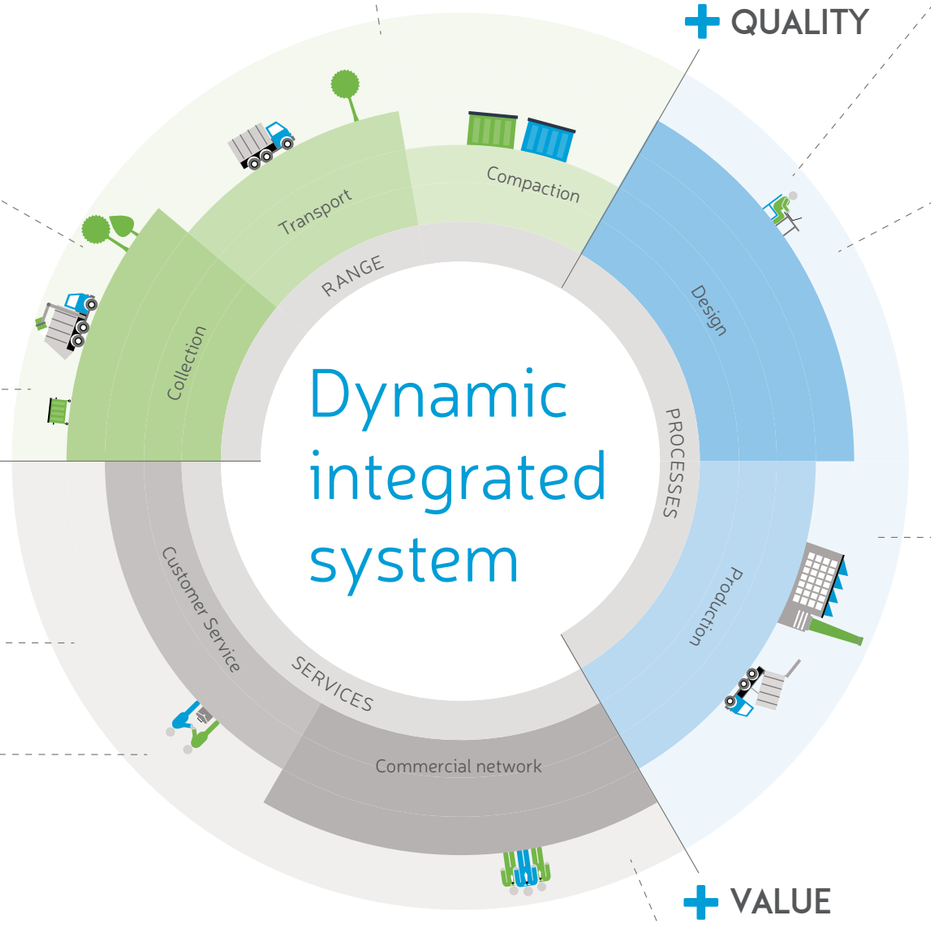
Busi-Group offers products and technologies that helps the world's ecology.

CUSTOMER CARE

Customer care specialists offer prompt troubleshooting and solutions.

PEOPLE

The Busi-Group believe is the value of investing in its people and encouraging their creativity and personal initiative.



ADVANCED TECHNOLOGY

The engineering and design team use the most advanced technology to create innovative products to meet market demands.

WORKFLOW OPTIMIZATION

The finished product is optimized in all its phases: from the analysis of customer requirements to the definition of a competitive range.

ORDER PROCESSING & DELIVERY

A single point of contact for all stages of production insures efficient order processing and timely delivery.

THE WORLWIDE NETWORK

The Busi-Group operates an extensive sales network in Italy and worldwide



CREDITS

Art direction e graphic design
Borgo Creativo

ENG-05-2017

borgocreativo.it



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DEALER