

BEFARD



**MINI CRANE
ON CRAWLER CHASSIS**

TB30002

PICK & CARRY

MINI PICK & CARRY CRANE

ONE MACHINE, MULTIPLE APPLICATIONS

- Maximum lifting capacity 10,000 kg
- Pick & Carry - driving with a load of 4,000 - 5,000 kg
- Vertical reach 27.20 m
- Horizontal reach 23.00 m
- Main boom - 5 hydraulic extensions
- JIB boom - 4 hydraulic extensions
- JIB boom can be leveled at a height of approx. 19 m
- Hydraulically opening, lowering and extending outriggers
- Hydraulic winch with a lifting capacity of 2,000 kg, cable length of 70-130 m
- Infinite column rotation
- Transport dimensions 1.28 m x 2.12 m x 4.21 m
- Extendable crawler undercarriage for improved stability
- Radio control with visualization of working ranges and outrigger spacing
- Possible power supply:
 - 3-in-1 (diesel engine, 230 V mains operation or 400 V, Li-ion batteries (27 kWh)
 - only lithium-ion batteries (39 kWh)



WHAT'S MOST IMPORTANT IS INCLUDED AS STANDARD

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RADIO CONTROL

Radio control with display for both travel and crane operation. This simplifies work and improves safety.



ELECTRONIC MONITORING SYSTEM

An intelligent sensor and control system monitors machine operating parameters in real time, increasing precision, safety, and reliability. Additionally, an overload protection system protects the device from damage due to excessive forces acting on electronic components.



EXTENDABLE CHASSIS (128-186 CM)

The extendable crawler chassis makes the device more stable.



ROTATING COLUMN WITH INFINITE ROTATION

The crane column rotates infinitely around its own axis. This means there's no need to keep track of how many revolutions the machine has made. This protects the device from damage.

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HYDRAULICLY EXTENDABLE BALANCE

The hydraulically extendable weight allows for compact transport dimensions. During use, the weight extends to the working position, allowing for an optimal center of gravity.



NON-MARKING TRACKS

Non-marking tracks allow for indoor use without leaving any black marks.



SEVERAL WORKING AND DRIVING MODES

The device has several movement and operation modes, which means that the machine can be controlled depending on preferences and requirements.



THE FASTEST CHARGER IN THE 230V CATEGORY

The fast charger allows you to quickly charge your device's battery and continue working without unnecessary delays.

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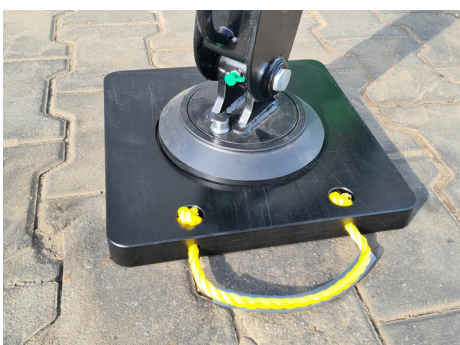
WHAT'S MOST IMPORTANT IS INCLUDED AS STANDARD

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HYDRAULIC WINCH

The standard hydraulic winch with a lifting capacity of 2000 kg and a rope length of 70 m significantly increases the functionality of the device (optional rope up to 130 m)



SUPPORT FOOT PADS

Support foot pads protect the work surface from damage and also stabilize the crane on unpaved surfaces.



ADDITIONAL HOOK WEIGHT

The additional weight of the winch hook significantly improves the precision of work – the increased mass reduces wobbling, making it easier to maneuver the hook during operations.



LED WORK LAMP

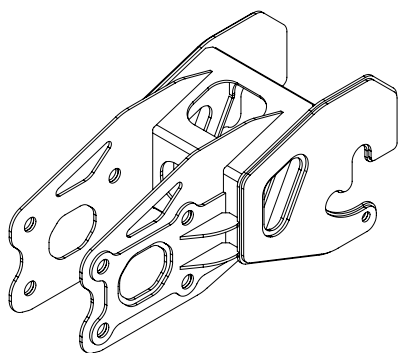
An additional LED work lamp powered directly from the device increases work comfort and safety even after dark.

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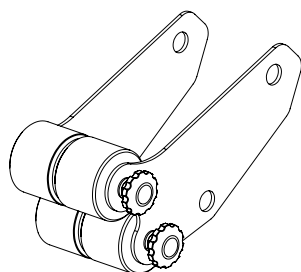
WHAT'S MOST IMPORTANT IS INCLUDED AS STANDARD

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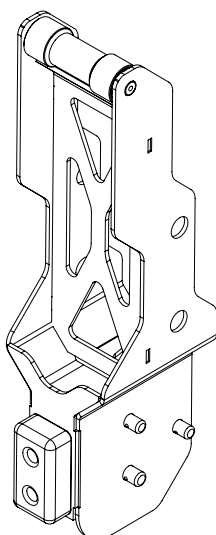
ADAPTER

Adapter for main extensions - mounted on the main extensions, the block and search hook are attached to it, in the configuration with the search hook it serves as a pick&carry hook



ROLLERS FOR SEARCH HOOK

Searcher hook rollers - for mounting on the searcher hook - allows the rope to be pulled in without a pulley block



MAIN ARM PULLEY

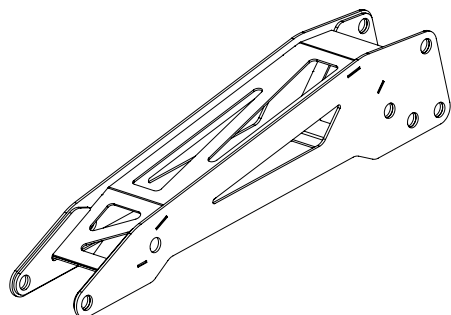
Top block - for mounting on Jib + for mounting on the main extension using an adapter

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WHAT'S MOST IMPORTANT IS INCLUDED AS STANDARD

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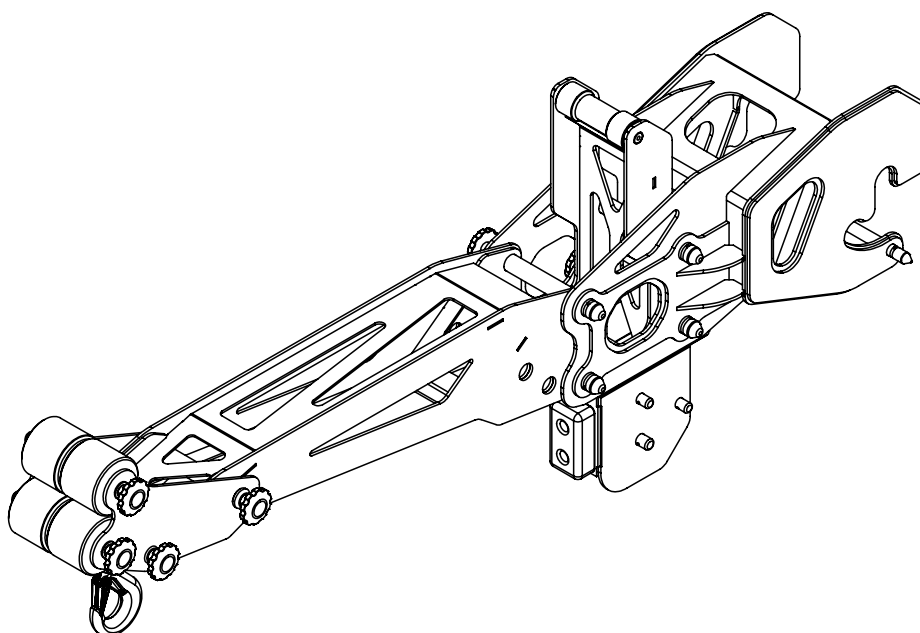


SEARCH HOOK

Search hook - for mounting on Jib + for mounting on the main extension using an adapter

MULTIFUNCTIONAL HOOK

consisting of an adapter, a roller for the search hook, a pulley block and a search hook



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TECHNICAL PARAMETERS

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Maximum load capacity	10000 kg
Maximum pick&carry capacity	4000-5000 kg
Length of the transport device	4,21 m
Height of the transport device	2,12 m
Width of the transport device	1,28 m
Maximum reach with hydraulic JIB and optional equipment vertically	↕ 27,20 m
Maximum reach with hydraulic JIB and optional equipment horizontally	↔ 23 m
Hydraulic winch lifting capacity	2000 kg
Winch rope length	70 m (opcjonalnie 130 m)
Radio control	praca i jazda
Device weight	10100 kg

Power supply

- power supply options:
- 3in1 (Diesel combustion engine, operation from 230 V or 400 V mains, Li-ion batteries (27 kWh)
 - only lithium-ion batteries (39 kWh)

Rotating column



BEFARD TB30002E COMFORT AND ECOLOGY

BUILT-IN 230V CHARGER AS STANDARD

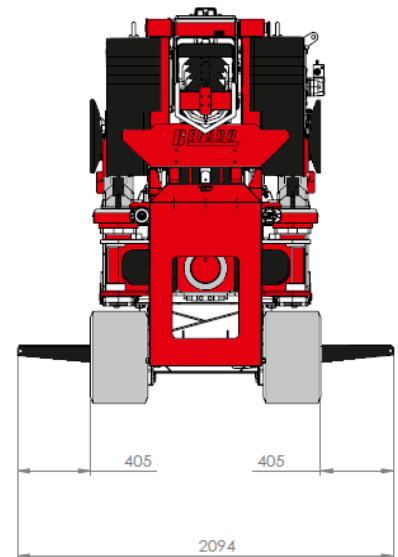
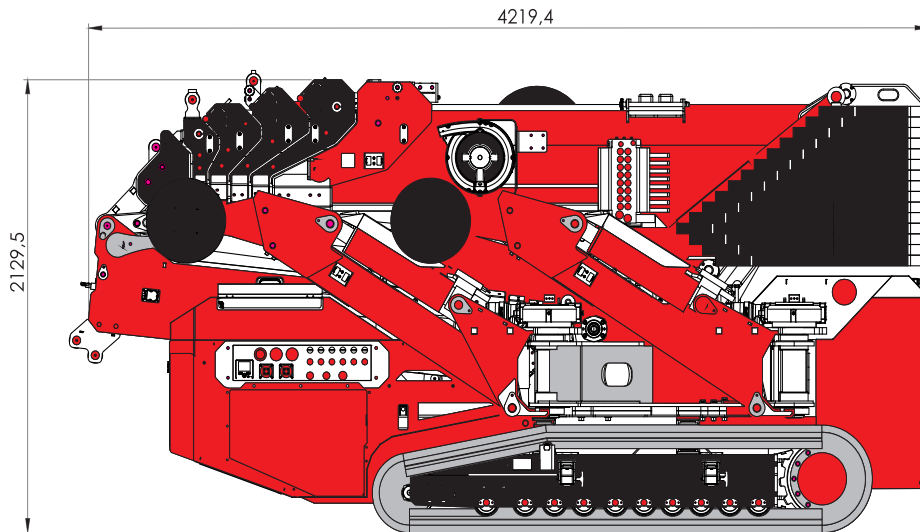
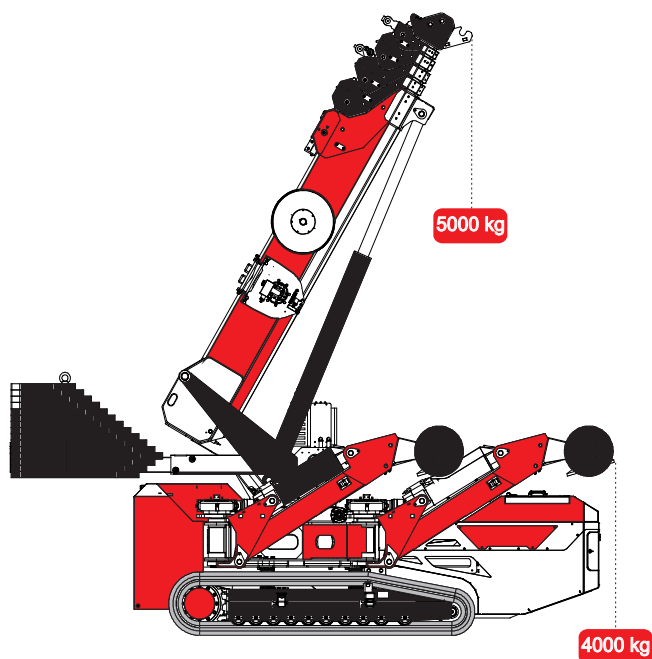
POSSIBILITY OF WORKING WITH A CABLE WHILE CHARGING

- Fully battery-powered (Li-ion)
- Bio-oil optionally available for the combustion version
- Optional 400V fast charger (faster charging of Li-ion batteries)

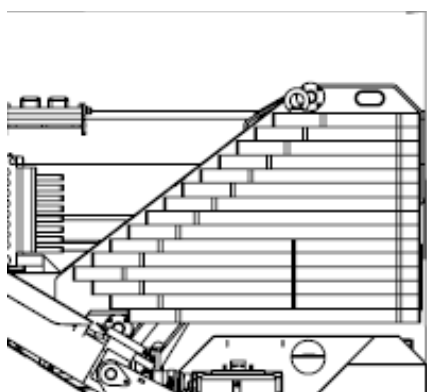


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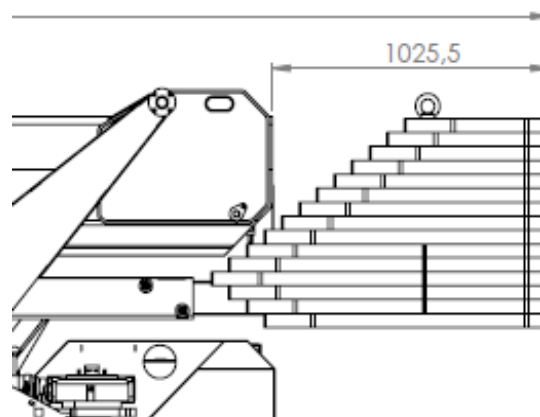
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DIMENSIONS IN TRANSPORT POSITION**TB30002 PICK & CARRY LOAD CAPACITY**

HYDRAULIC LOADING

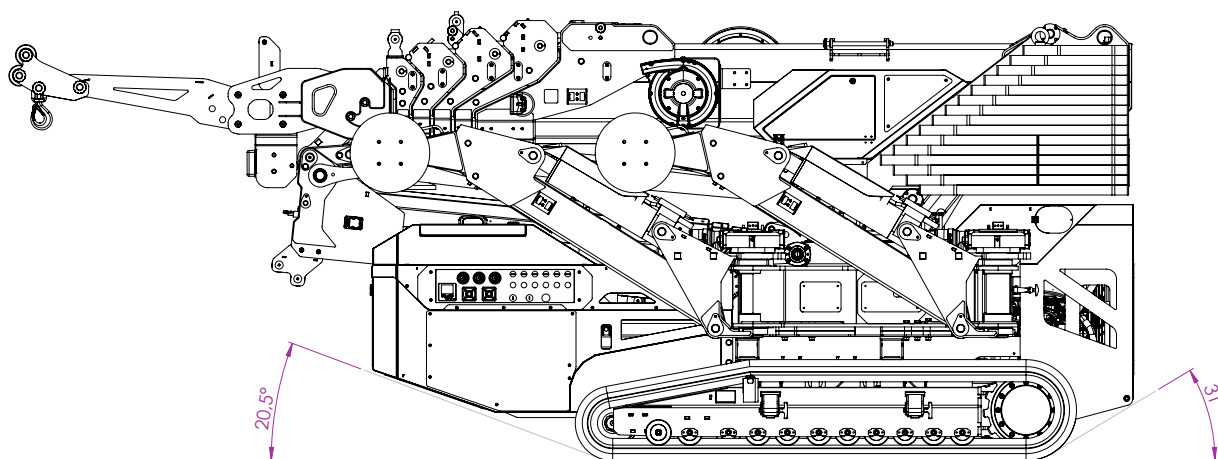


COMPLEX

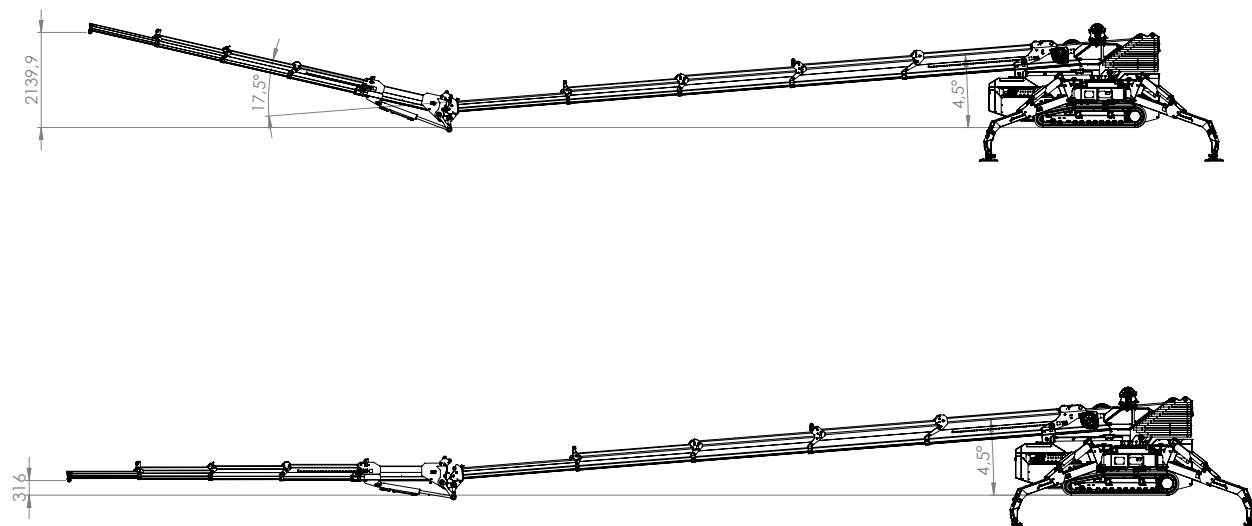


LAY OUT

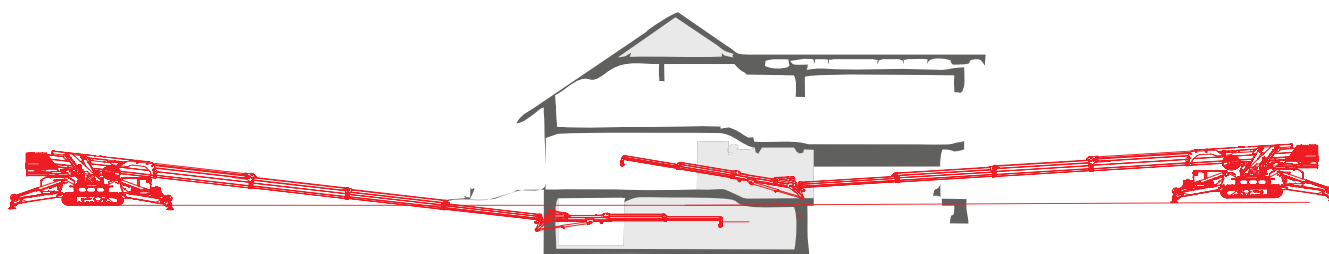
ANGLES OF ATTACK



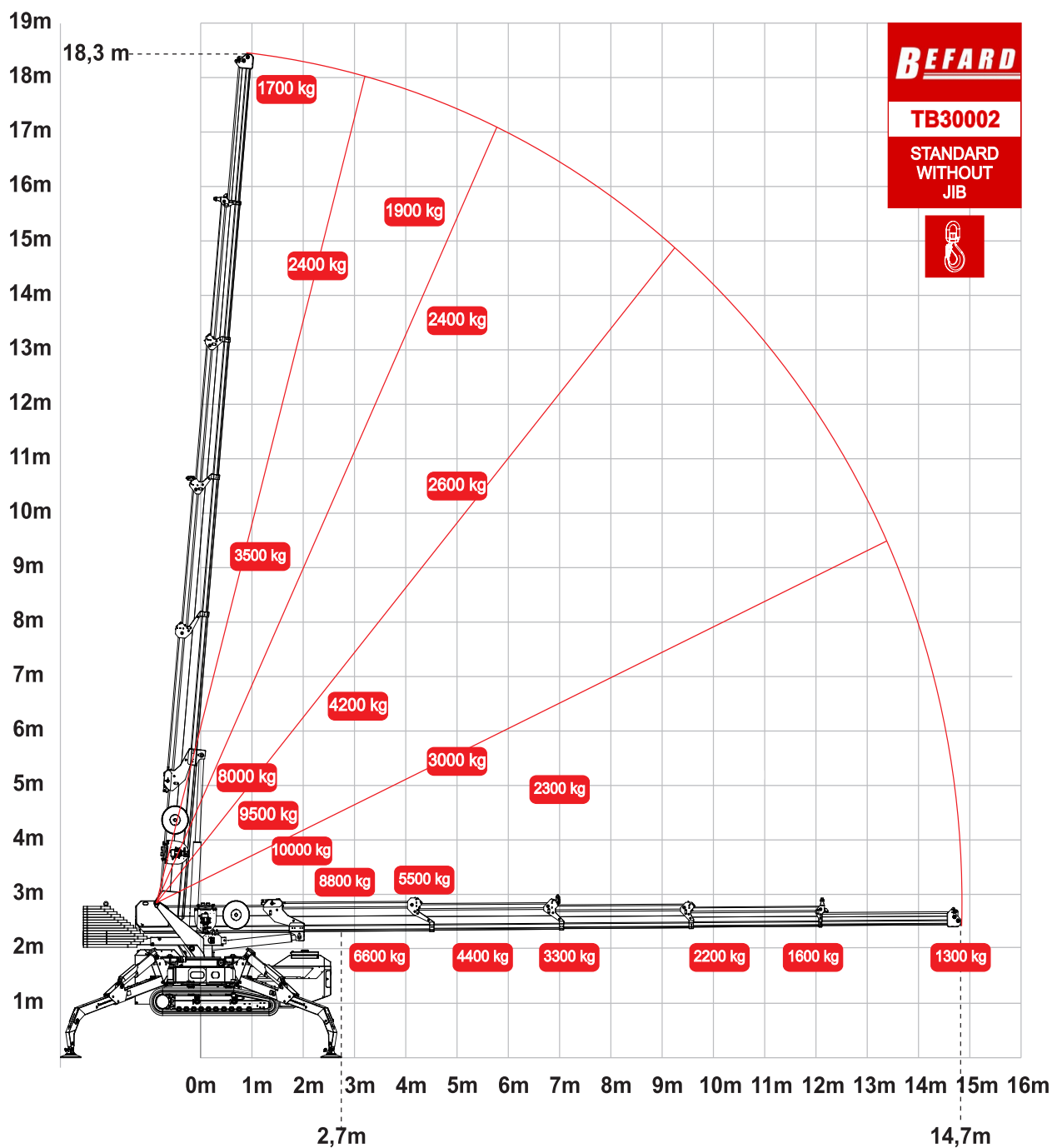
POSSIBILITY OF LOWERING THE MAIN ARM BELOW THE LEVEL

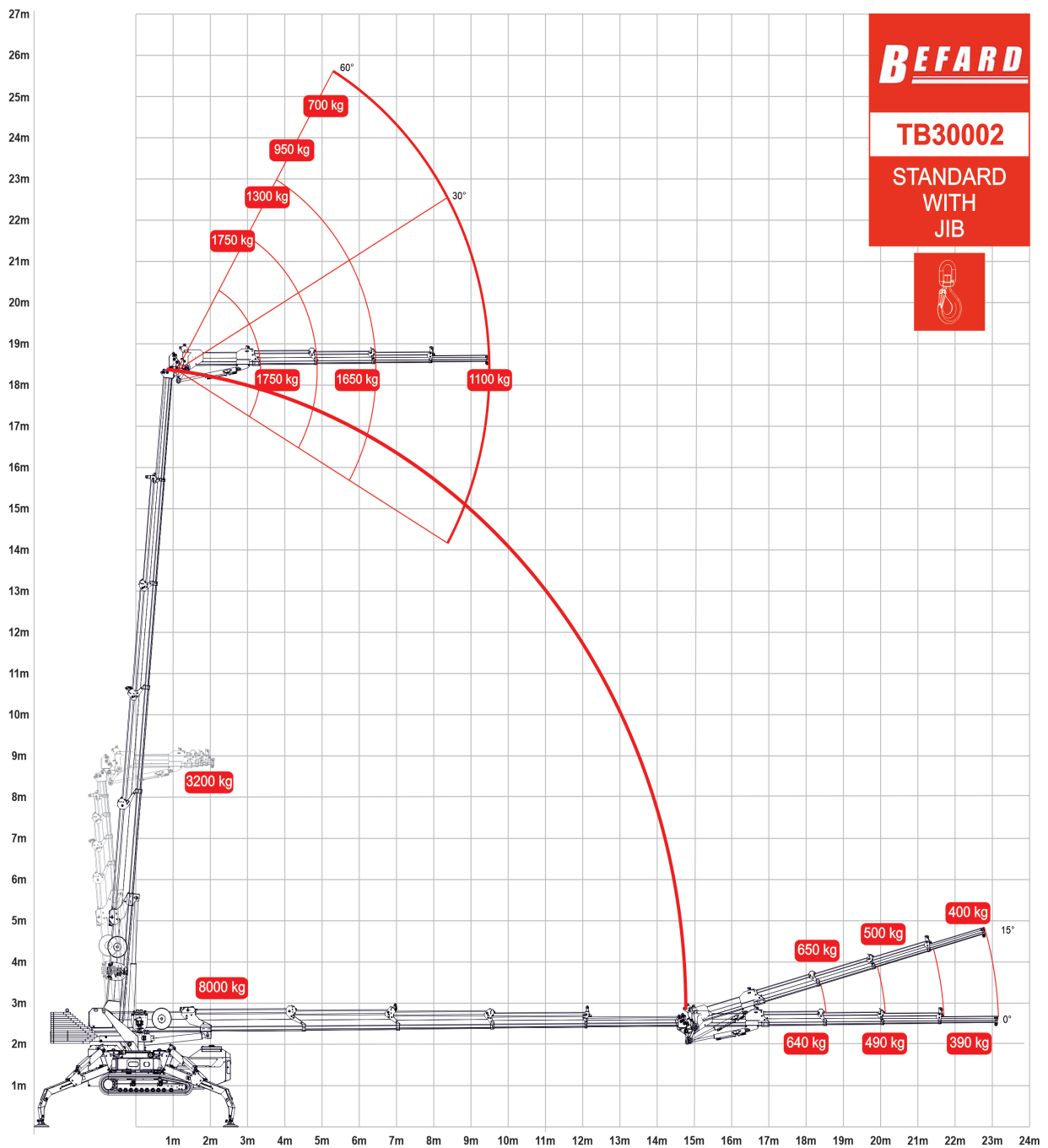


MANY POSSIBILITIES OF ACTIVE ARM WORKING POSITIONS



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