



BEFARD

*MINI CRANE
ON TRACKED CHASSIS*

TB5000

BEFARD TB5000

MOBILITY, PRECISION, POWER

BEFARD TB5000 is a hydraulic crane combining compact mobility with impressive working parameters. It provides a working range exceeding 13 meters and a maximum lifting capacity of up to 2400 kg, making it an extremely versatile tool both on construction sites and in industrial applications.

As standard, it is equipped with power supply: internal combustion engine and electric engine, available in 230 V, 400 V or 110 V variants, optionally with lithium-ion battery power supply, which allows the selection of a power source appropriate to the working conditions.

Radio control provides the operator with full control and safety even in hard-to-reach places.

Optionally, the crane can be equipped with a hydraulic winch with a lifting capacity of up to 990 kg and a hydraulic Jib, which increases its functionality in works requiring precise lifting.

BEFARD TB5000 is synonymous with mobility, precision and strength - designed for effective work in all conditions.

Possibility of transporting the device on a trailer with a GVW of 3.5 t



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COMPACT MINI CRANE

- maximum lifting capacity 2400 kg
- reach over 13 m
- hydraulic winch 990 kg - optional
- hydraulic JiB arm - optional
- drive to choose from: combustion engine + electric motor 230 V, 400 V, 110 V or lithium-ion batteries
- column rotation: 360 °
- non-marking tracks (Non-marking)
- radio control for both work and travel
- wide range of applications on the construction site
- anti-overload system



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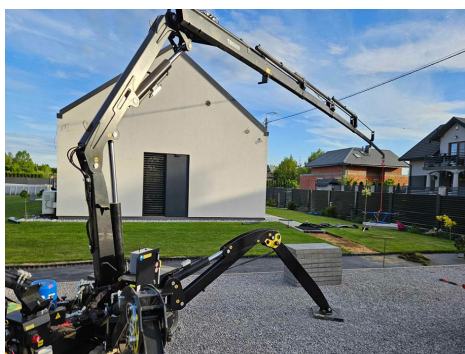
WHAT IS MOST IMPORTANT IS IN STANDARD

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MACHINE RANGE

Maximum vertical reach of over 13 m as standard.
The standard version has 4 hydraulic extensions and one manual extension.
The TB5000 version with Jib has 2 hydraulic extensions + Hydraulic Jib with 2 hydraulic extensions.



LOAD CAPACITY

Maximum load capacity 2400 kg,



RADIO CONTROL

Radio control of both driving and crane operation makes work easier and improves safety. Standard radio control charger with in-car charging function.



POSSIBILITY TO CHOICE POWER SUPPLY

The crane can be equipped with two power sources (depending on the selected options):
– diesel-electric (230 V / 400 V / 110 V)
or Li-ion batteries – which ensures full flexibility of operation in all conditions.

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ROTATING COLUMN

The 360° rotating column allows for a very wide range of load maneuvering around the device's axis. The column performs a full 360-degree rotation, after which it is necessary to return to the starting position - the rotation is not infinite.



TWO WORKING AND DRIVING MODES

The TB5000 mini crane is equipped with two switchable speed modes that allow the machine to be adjusted to current operational needs: precision (slow) mode and fast mode.



ANTI-OVERLOAD SYSTEM

In order to ensure maximum safety of work, the TB5000 mini crane is equipped with an anti-overload system that monitors the load in real time. The system automatically detects exceeding the permissible lifting capacity and, if necessary, blocks further lifting or movement, preventing damage to the machine and the risk of accidents.



ACTIVE ARM

The active working arm with the possibility of tilting at an angle of 16° significantly increases the functionality of the crane when working in tight spaces and when assembling elements at a height or at an angle. Thanks to this function, the operator can precisely set the lifting or assembly point, even if it is located outside the main axis of the crane.

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SELECT OPTIONALLY

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HYDRAULIC JIB

A hydraulic jib with a reach of 4.75 m and two hydraulic extensions expands the crane's application possibilities. This option is particularly useful for work requiring easier access to hard-to-reach areas, such as during glazing installation.



HYDRAULIC WINCH

Hydraulic winch with a lifting capacity of 990 kg
Rope length: 50 m (optional: 65 m)



SEARCH HOOK

Searchlight hook with the possibility of mounting in 3 positions.



LED LAMP

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

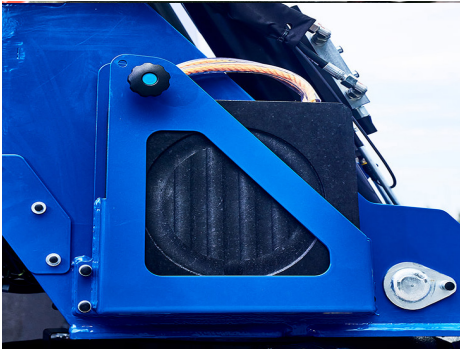
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PADS FOR SUPPORT FEET

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

BEFARD TB5000E COMFORT AND ECOLOGY

BEFARD electric machines are not only ecology, but also the highest comfort of work. Elimination of the combustion engine minimizes noise and vibration of the machine.

Such a solution allows for trouble-free use of machines in European city centers where Low Emission Zone regulations apply (e.g. London, Paris, or Berlin)

BUILT-IN 230V CHARGER AS STANDARD

As standard, while charging the battery from the network, the device can be operated (on a cable)

POSSIBILITY TO WORK ON A CABLE WHILE CHARGING THE BATTERY

- fully battery powered (Li-ion)
- bio oil optionally available for the combustion version



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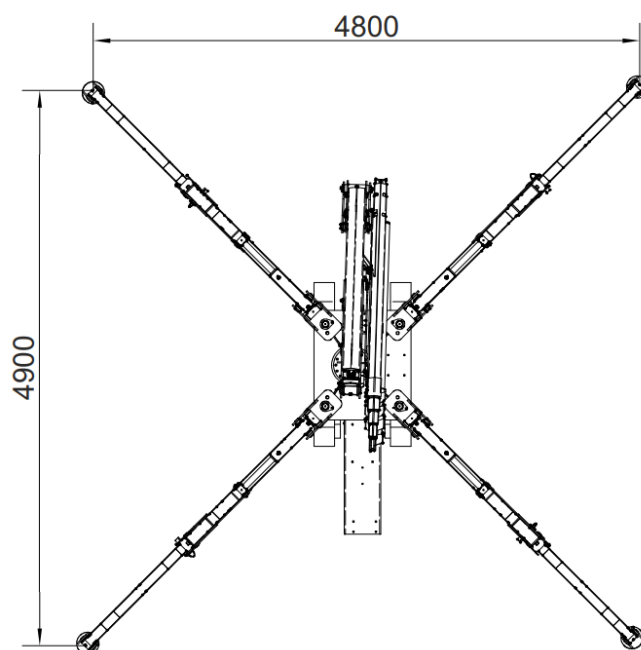
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TECHNICAL PARAMETERS

Maximum load capacity	2400 kg
Maximum vertical range	more than 13 m
Maximum horizontal range	11.2 m
Hydraulic winch lifting capacity	990 kg
Winch rope length	50 m, optional 65 m
Radio control	work and ride
Power supply	petrol engine Vanguard + electric motor 230V , 400V lub 110V or batteries Li-ion
Caterpillars	(non-marking)
Rotating column	rotation 360 °
Device weight	TB5000 -ok 2200 kg TB5000JIB - ok 2400 kg

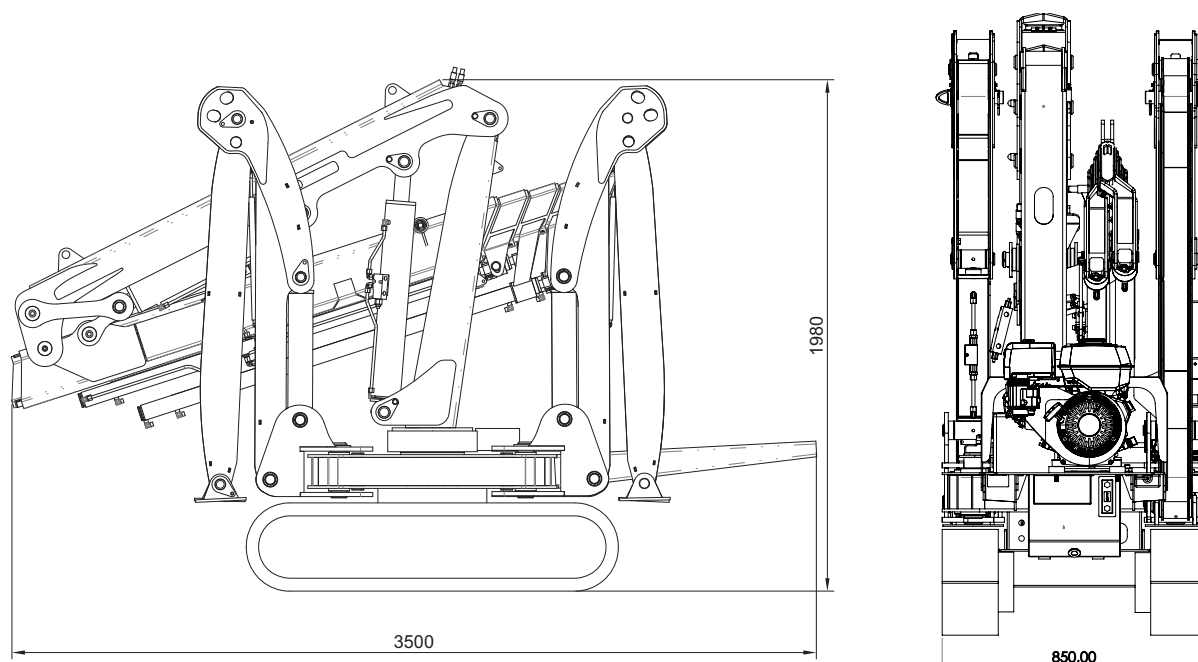
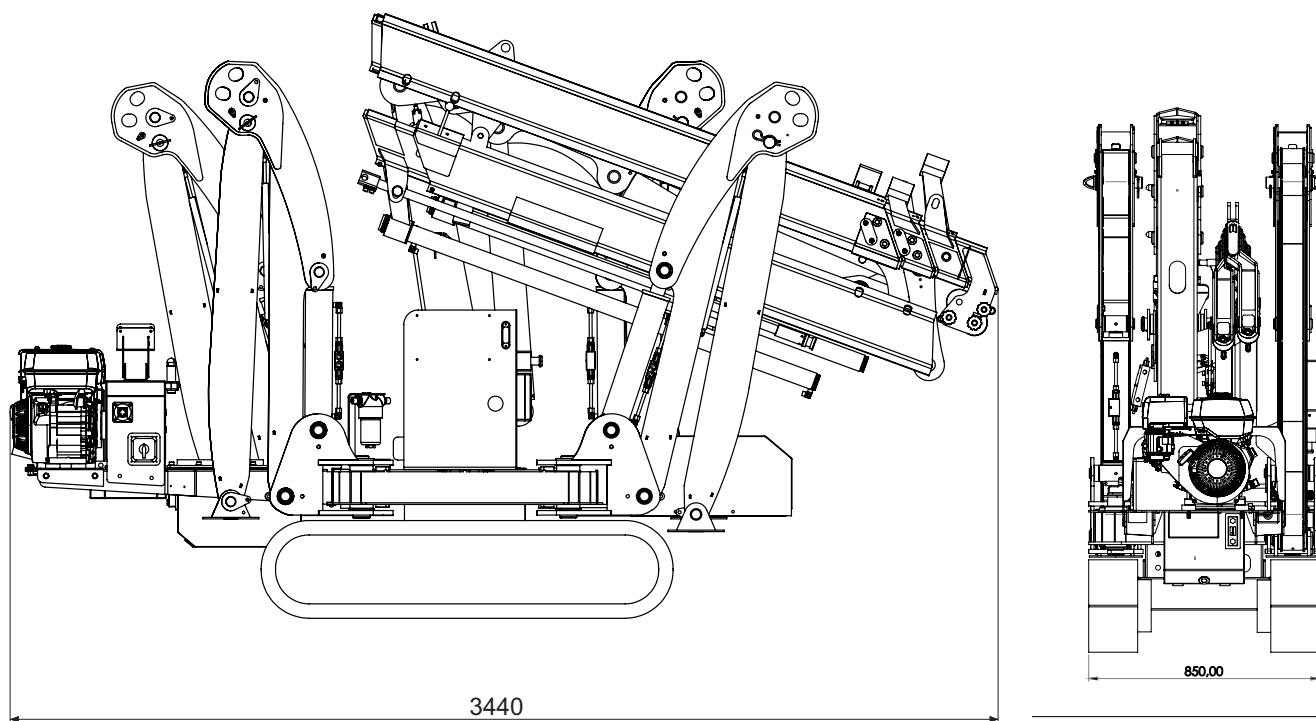
SUPPORT SPACING



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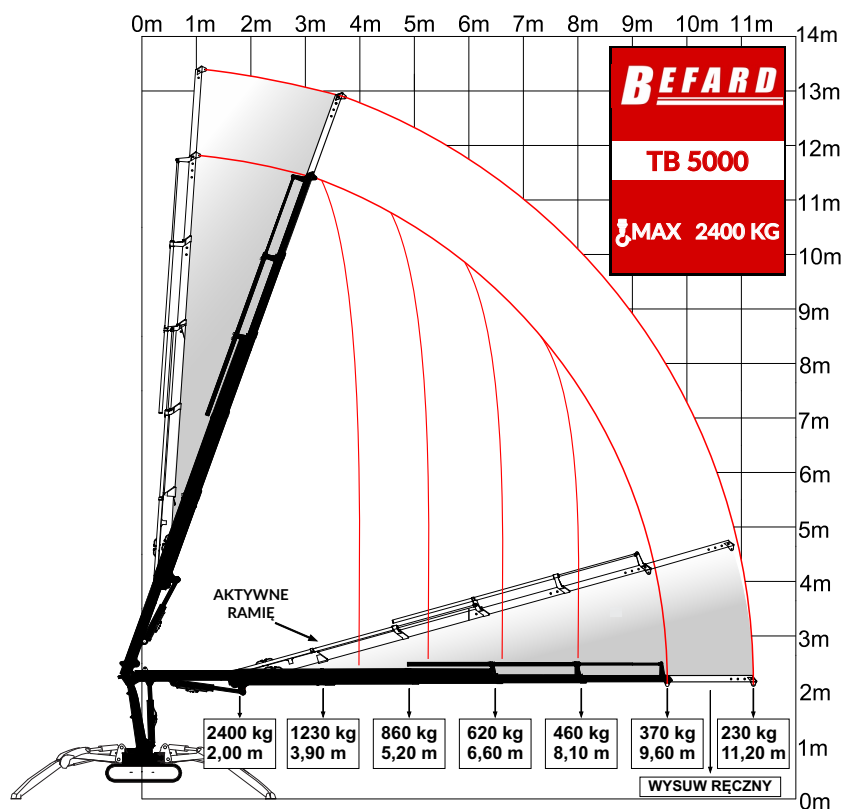
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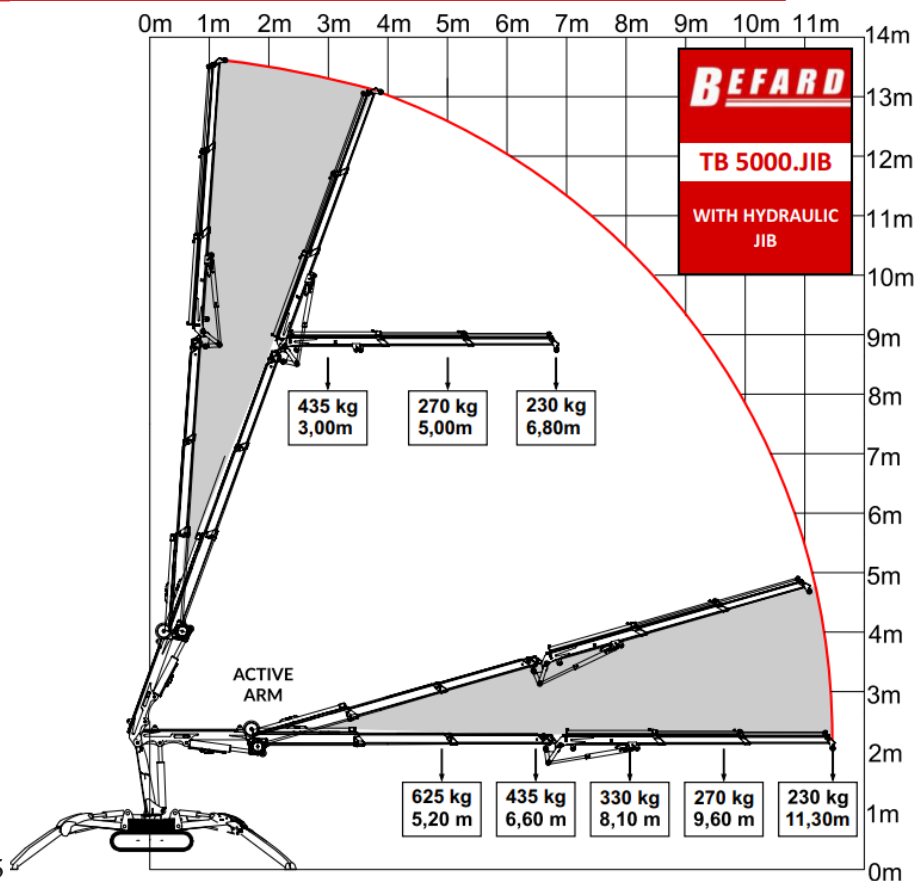
TRANSPORT DIMENSIONS - VERSION WITHOUT Jib**TRANSPORT DIMENSIONS - VERSION WITH JIB**

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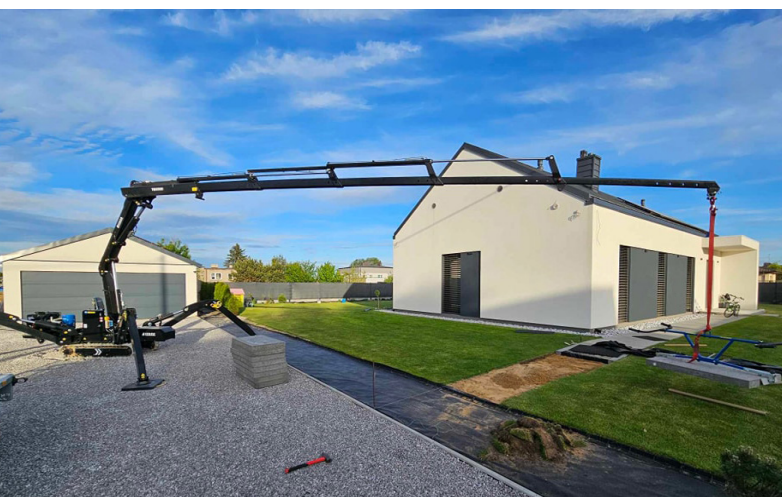
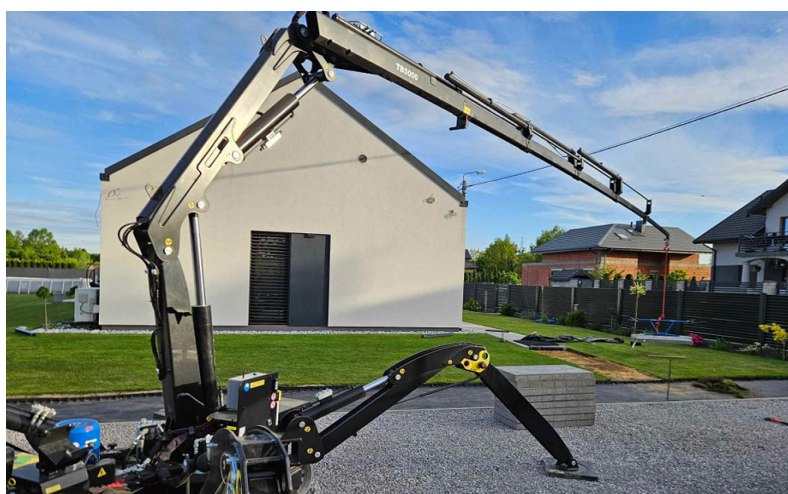
TB5000JIB



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BEFARD TB5000 IN ACTION

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