

BEFARD



MINI CRANE
ON TRAILER

XJ105

BEFARD XJ105

WHERE OTHERS CAN'T REACH

- Maximum lifting capacity: 3100 kg
- Reach: approx. 19 m (with optional equipment)
- Hydraulic winch: 990 kg
- Hydraulic Jib arm with two hydraulic extensions
- Drive options: diesel engine + 230 V, 400 V, 110 V electric motor or Li-ion batteries
- Infinite column rotation
- Trailer type: two-axle, GVWR: 3500 kg
- Four hydraulically lowered outriggers
- Radio control for both work and travel
- Trailer length and width: approx. 5480 x 2080 mm*
- Support pads
- Anti-overload system



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WHAT'S MOST IMPORTANT IS INCLUDED AS STANDARD

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ZASIĘG MASZYNY

Maximum vertical reach of 17.3 meters as standard and 18.8 meters with optional equipment



LOAD CAPACITY

Maximum load capacity 3100 kg,



RADIO CONTROL

Radio control for both driving and crane operation simplifies work and improves safety. A standard radio-controlled charger with in-vehicle charging function is included..



POSSIBILITY TO CHOOSE POWER SUPPLY

The crane can be equipped with one of two power sources (depending on the options selected):

- diesel - electric (230 V / 400 V / 110 V)
- or Li-ion batteries – ensuring full operational flexibility in all conditions.

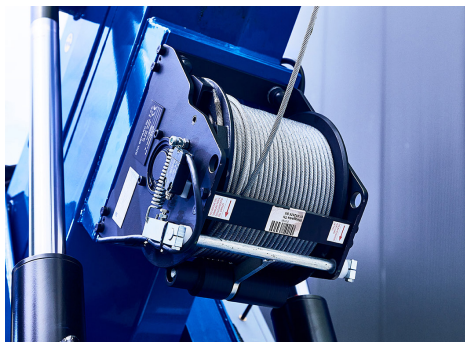
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WHAT'S MOST IMPORTANT IS INCLUDED AS STANDARD

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HYDRAULIC WINCH

Hydraulic winch with a lifting capacity of 990 kg. Equipped with 50 m of 7 mm thick rope. Optional 65 m of rope available. Available with all accessories (pulley, hook weight).



HYDRAULIC JIB

The longest hydraulic jib on the market - over 7 m long (using additional equipment)



TRAILER WITH A GVWR 3.5 T

Two-axle trailer with a GVM of 3500 kg. Detachable aluminum sides. Hot-dip galvanized steel frame.



SUPPORT FOOT PADS

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

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WHAT'S MOST IMPORTANT IS INCLUDED AS STANDARD

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ROTATING COLUMN

The crane's rotating column allows for infinite rotation 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.



TWO WORK MODES

The XJ105 mini crane is equipped with two switchable speed modes that allow the machine to be adapted to current operational needs: precision (slow) mode and fast mode.



ANTI-OVERLOAD SYSTEM

To ensure maximum operational safety, the XJ105 mini crane is equipped with an overload protection system that monitors the load in real time.

The system automatically detects when the maximum load capacity is exceeded and, if necessary, blocks further lifting or movement, preventing damage to the machine and the risk of accidents.



LED LAMP

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

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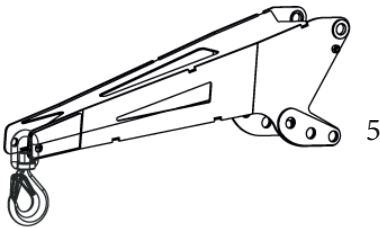
SELECT OPTIONALLY

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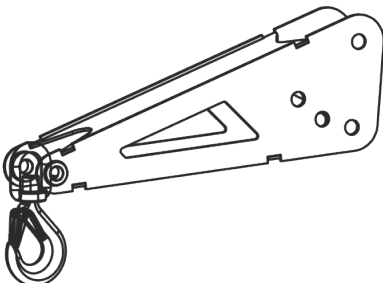
INTELLIGENT SENSOR SYSTEM

The mini crane can be equipped with an advanced operating parameters monitoring system that monitors key operational data in real time: lifting capacity, working range of the arm.



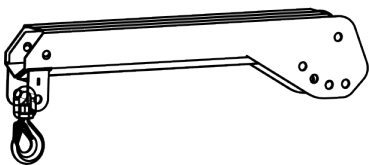
MAIN ARM SEARCH HOOK

Possibility to extend the range by approx. 100 cm



HYDRAULIC JIB SEARCH HOOK

Possibility to extend the range by approx. 50 cm



HAND JIB ARM

Possibility to extend the range by approx. 100 cm

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COMFORT AND ECOLOGY

BEFARD electric machines are not only environmentally friendly but also offer the highest level of comfort. The elimination of the combustion engine minimizes noise and vibration.

This solution allows for trouble-free operation 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 mains, the device can be operated (via cable)

POSSIBILITY OF WORKING WITH A CABLE WHILE CHARGING

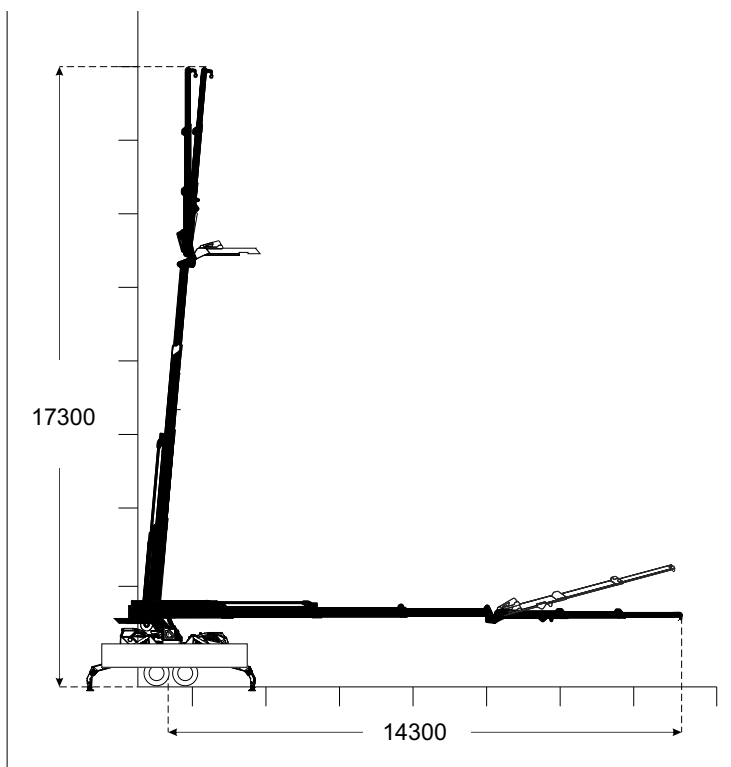
- Fully battery powered (Li-ion)
- Bio oil optionally available for the combustion version



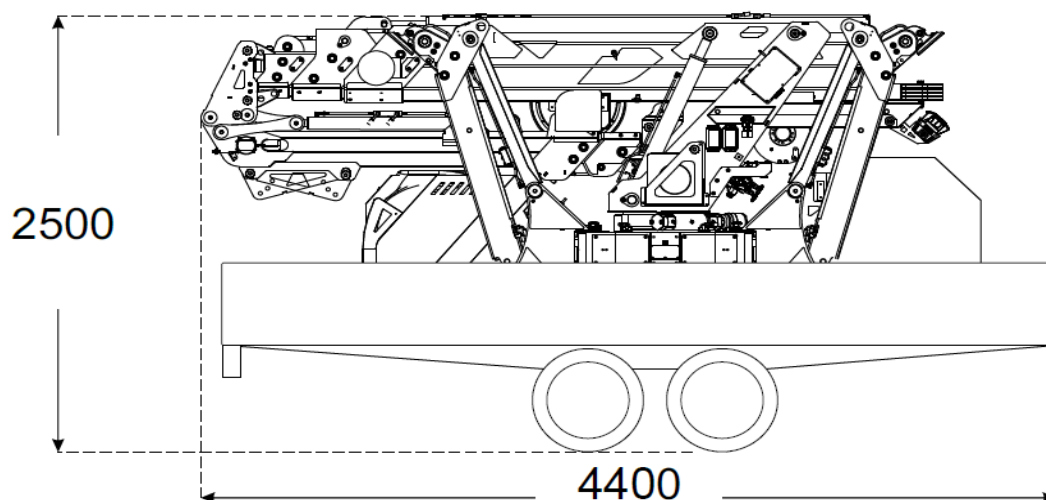
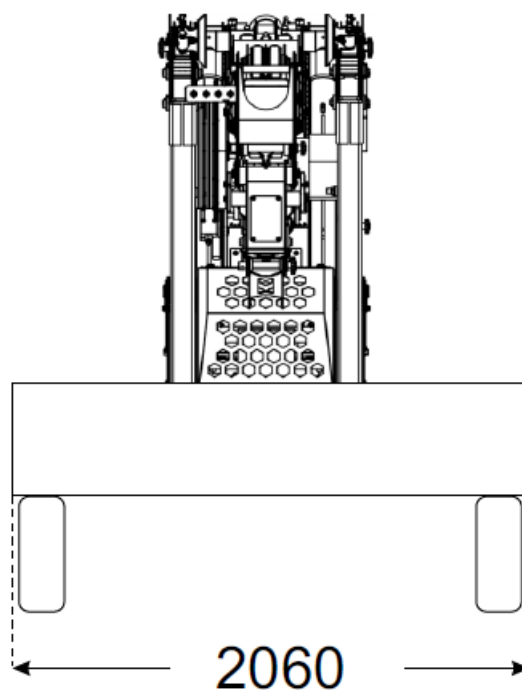
TECHNICAL PARAMETERS

Maximum load capacity	3100 kg
Maximum vertical range	17,3 m
Maximum vertical reach with optional equipment	18,8 m
Maximum horizontal range	14,3 m
Maximum horizontal range with optional equipment	15,8 m
Hydraulic winch lifting capacity	990 kg
Winch rope length	50 m, optional 65 m
Radio control	work and driving
Power supply	3-cylinder diesel engine (Made in Japan) , 230V , 400V, 110V or Li-ion batteries
Trailer	two-axle, GVWR 3.5 T
Rotating column	infinite rotation

WORK POSITIONS



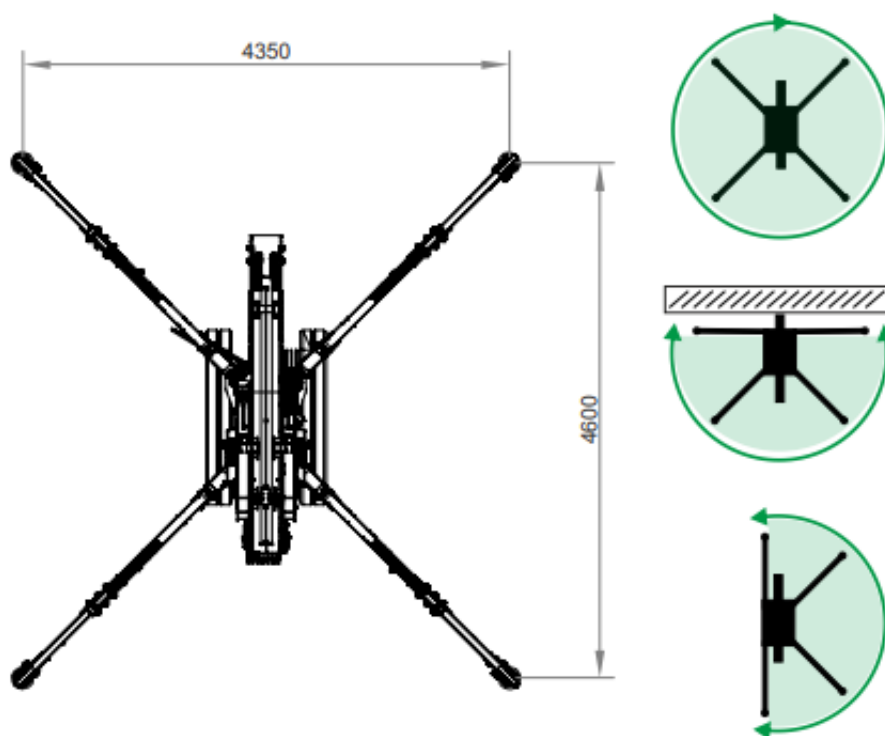
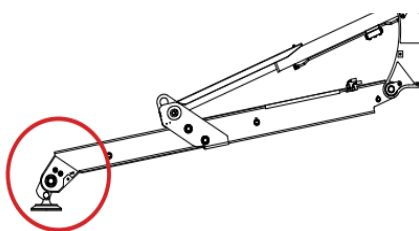
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TRANSPORT DIMENSIONS**TRANSPORT DIMENSIONS**

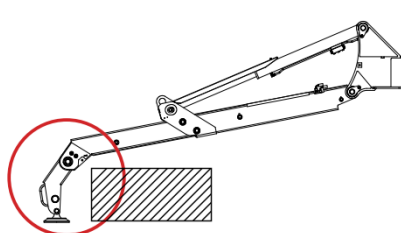
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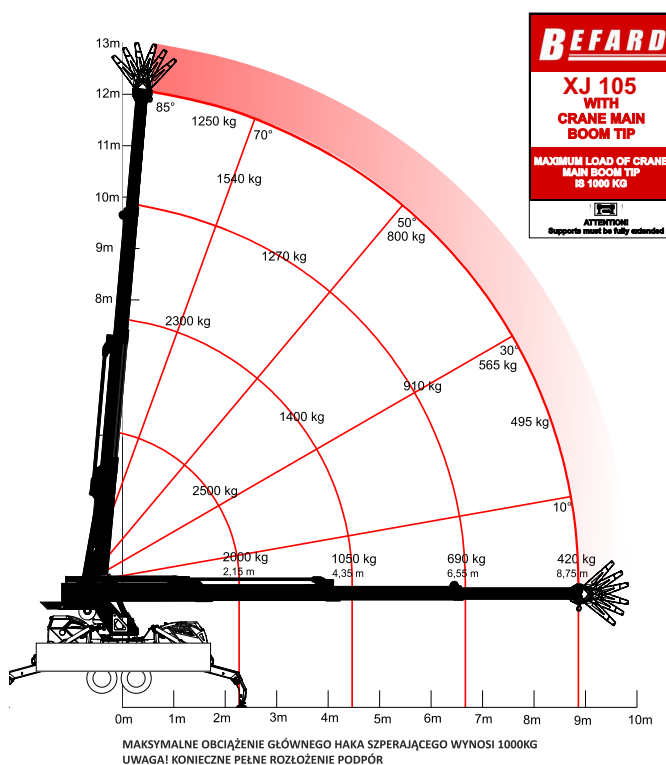
SUPPORT SPACING + WORKING RANGE**FOLDED SUPPORT EXTENSION**

maximum load capacity in the lateral position

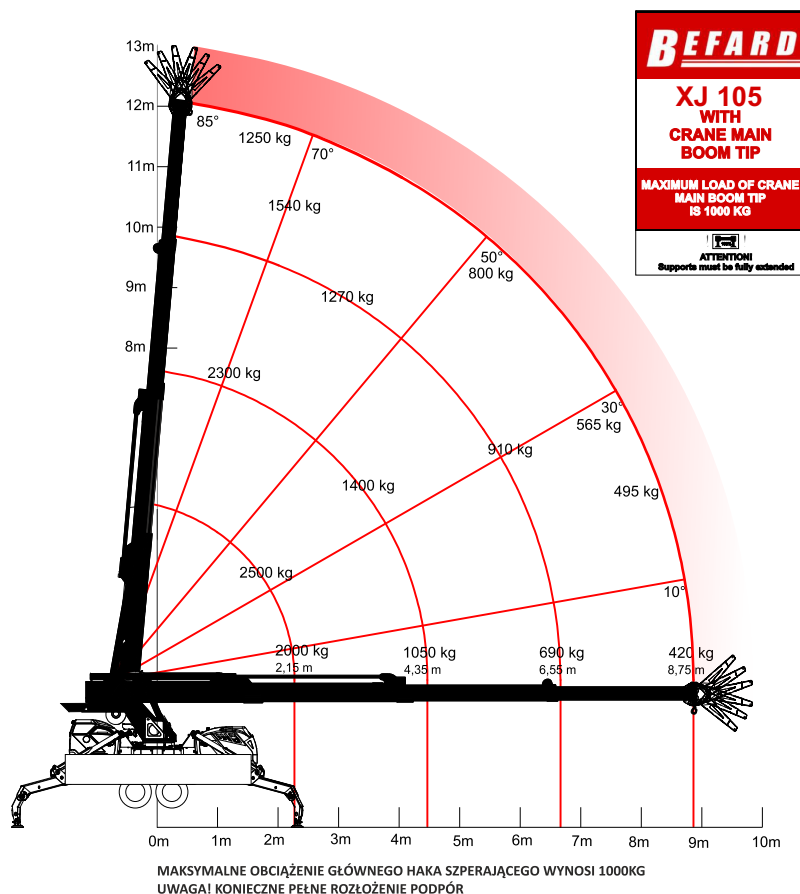
EXTENSION OF THE SUPPORT

possibility of extending the supports to bypass the obstacle

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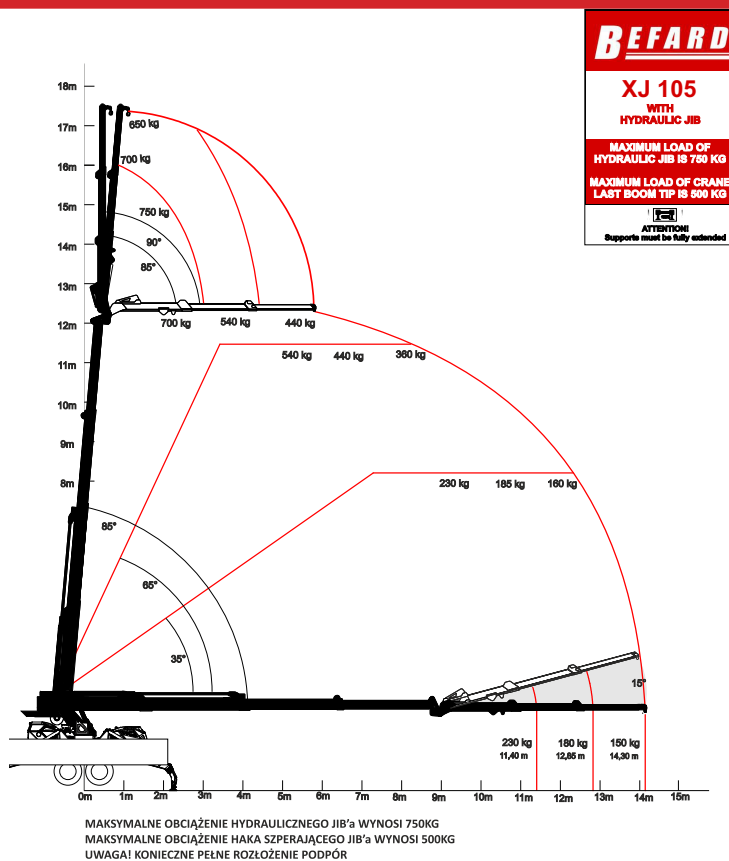


XJ105 + Jib Hydraulic + Jib Manual Arm + Search Hook

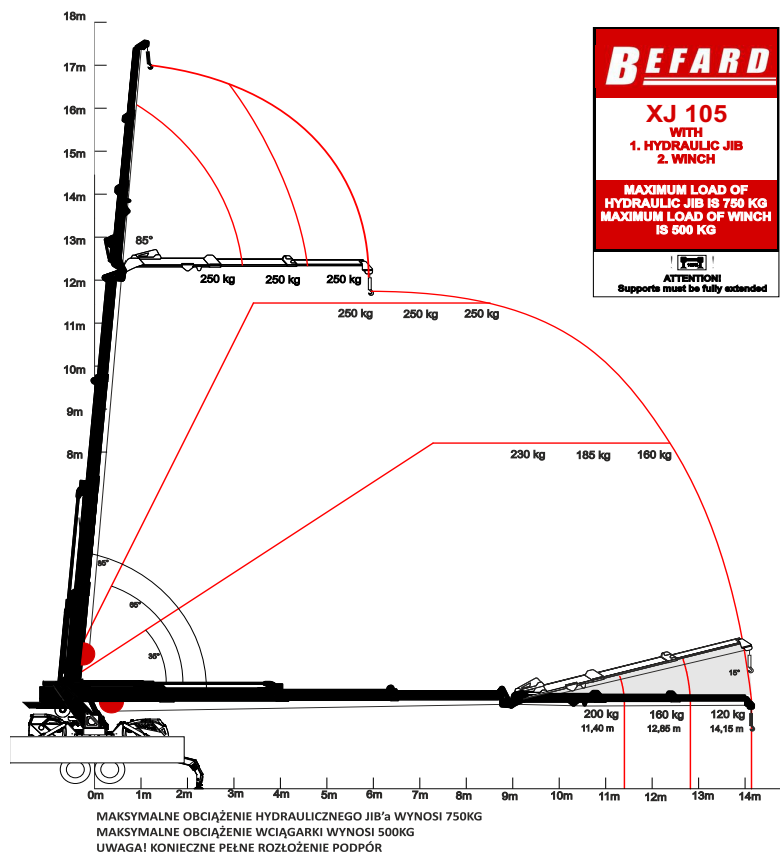


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XJ105 + HYDRAULIC JIB + WINCH



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