

COMPACT CRAWLER CRANE
M RANGE



- M 060
- M 060 LI-ION
- M 250
- M 250 LI-ION
- M 400



SIMPLE ANSWERS TO COMPLEX LIFTING REQUESTS

M RANGE

08

M060

580 kg
4,25 mt



10

M060LI-ION

580 kg
4,25 mt



12

M250

2500 kg
15,90 mt



14

M250LI-ION

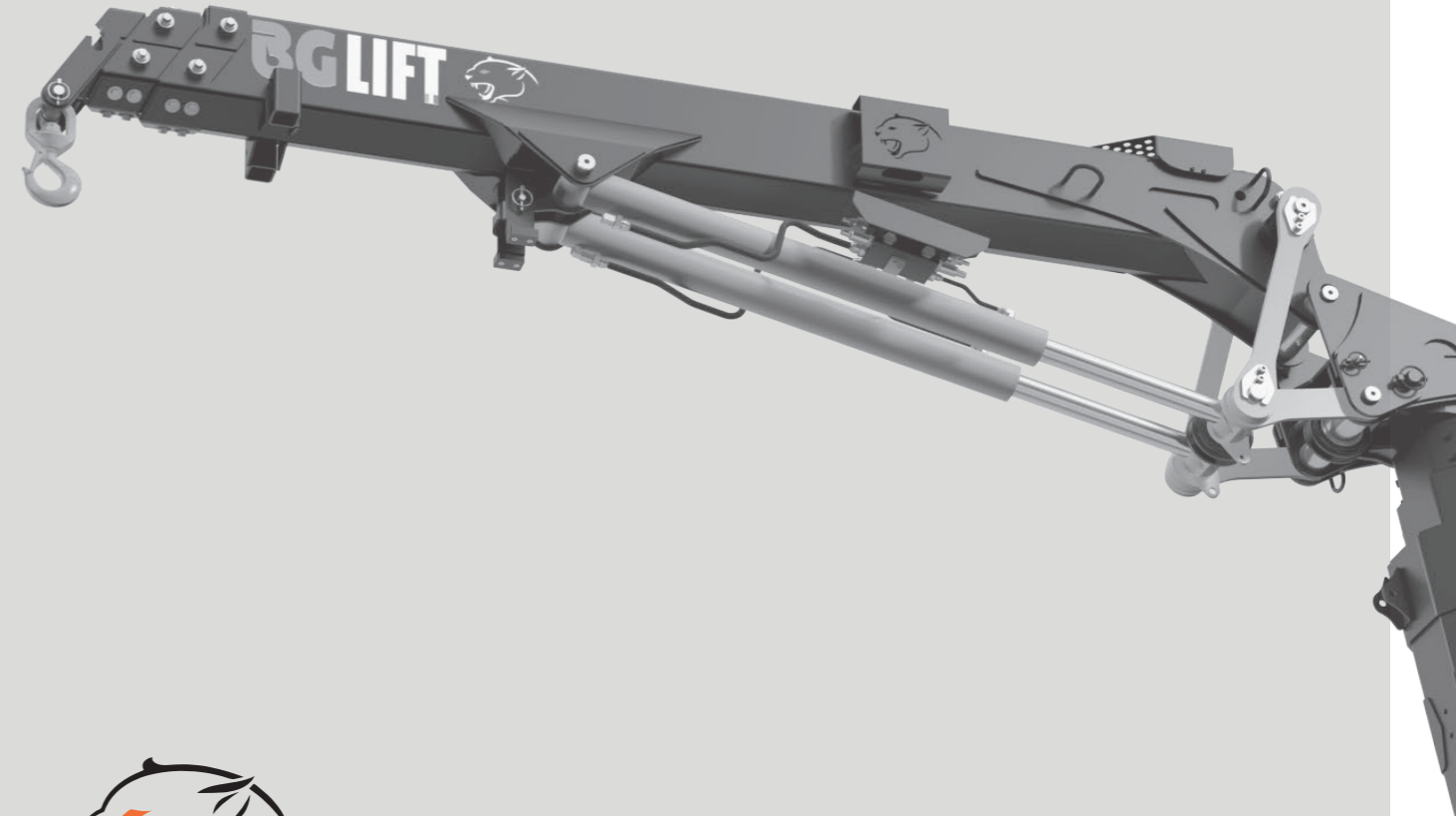
2500 kg
15,90 mt



16

M400

4000 kg
21,10 mt



BG LIFT - The italian Job

“Simple answers to complex lifting requests”.

The BG LIFT engineering team transforms lifting, accessibility and transport issues into hand-on solutions using advanced technology.

It is no coincidence that BG LIFT has quickly become one of the brightest points of reference for compact crane sector.

From the very onset the mission has been to offer distinctive and solution-providing tools that are easy to use and pleasing to the eye. However, design and technological innovation only represent the “tip of the iceberg” comprised mostly of complex systems that are perfectly compatible with international standards on safety and protection in the workplace.



The technological innovation by BG LIFT that makes your work unique and advanced

Move on to the next level of DNA, discover the know-how of BG LIFT compact crawler cranes. An exclusive technology available to you every day at work, designed by the parent company's engineering team to solve the typical issues encountered by those who use these machines for their profession, in a brilliant, safe and qualitative way. Evaluate all the technological solutions built into our products and enter the extraordinary world of BG LIFT.



1



2/3



4

1. ADVANCED DESIGN

The aesthetic design made in Italy of the M series cranes is the functional envelope of a large technological project.

2. FAST, WITH MILLIMETRIC MOVEMENTS

Reliable, smooth and quick movements guarantee extremely precise positioning.

3. ERGONOMIC CONTROLS

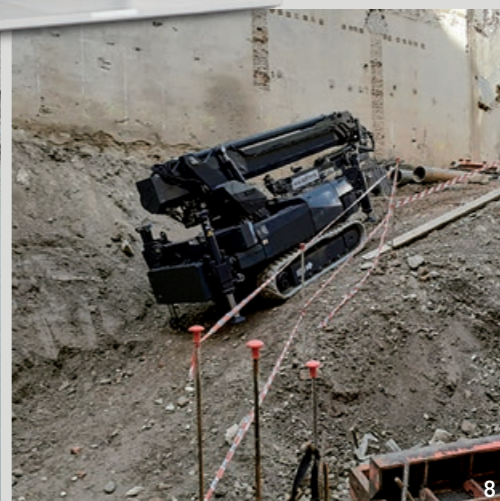
Intuitive management easily accessible to reduce operator stress even in extreme situations.

4. BG CONNECT

With the BG Connect remote connection system, you can perform diagnostics, modify parameters, customize machine movements and update software remotely.



6



8

5. CONTINUOUS SELF-DIAGNOSIS

Continuous self-diagnosis of machine operating conditions with advanced geolocation system, push status notifications and advanced errors and faults diagnosis.

6. ELECTRONIC STABILITY CONTROL

The integrated electronic stability control system allows the crane to automatically adjust its load capacity according to the position of each outriggers.



7

7. LATEST GENERATION ENGINES

Power supplies with the latest generation of diesel engines, power units with mains power supply or eco-sustainable lithium batteries with fast charging.

8. LOW CENTRE OF GRAVITY AND GROUND CLARANCE ANGLE

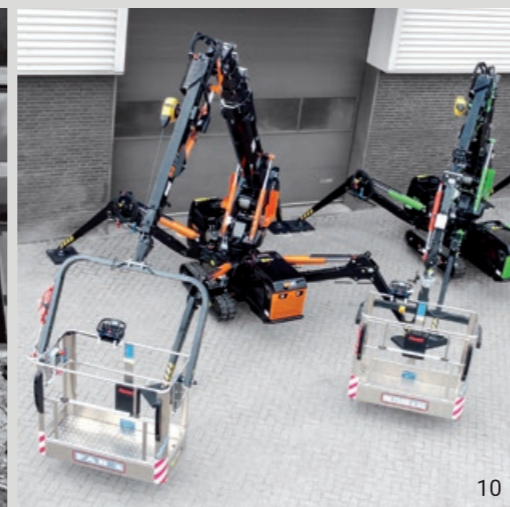
The low centre of gravity simplifies movement on difficult terrain. While the wide ground clearance angle facilitates loading/unloading from ramps of all kinds.



8

5





9. OPTIMISED FOR OUTDOOR USE

Optimised for outdoor use in difficult terrain and in narrow spaces.

10. OPERATORS BASKETS CE

Our cranes can be equipped with a wide range of operator baskets that comply with the reference standard.

11. ESSENTIAL TELESCOPIC BOOM

Telescopic boom cleaned from mechanical and structural elements. Hydraulic hoses and electrical systems are inserted inside the boom.

12. PICK & CARRY

Both the model M400 and the smaller crane M060, can be used for load shifts in Pick & Carry mode.



ARTW: ALWAYS READY TO WORK

"X" frame that allows you to work with the stabilizers in shape and the footprint to a minimum.



SSC: SMART STABILITY CONTROL

Electronic stability control system. Allows the crane to automatically adjust its load capacity according to the position of each stabilizer.



ETD: EASY TO DRIVE

It can stabilize and work in steep terrain.



AS: AUTOMATIC STABILIZATION SYSTEM

The integrated self-stabilization system allows the automatic leveling of the machine frame in any condition, automatically bringing the crane into the correct conditions of use.



ADS: AUTOMATIC DESTABILIZATION SYSTEM

The integrated system allows the automatic destabilization of the machine frame in any condition, automatically bringing the crane in the correct transport conditions.



ACF: AUTOMATIC CRANE FOLDING

The integrated automatic crane folding system allows the crane to close automatically, returning to the required conditions in order to be destabilized.



JRTU: JIB READY TO USE

Jib closed under the main arm always operational.



JOL: JIB OVER LINE

Jib at + 15 °, to climb over obstacles.



ARC: AUTOMATIC ROTATION CENTERING

The integrated automatic rotation centering system allows the crane to automatically rotate to the correct position. For closing the boom



NLR: NO LIMITS ROTATION

Infinite rotation without clutter thanks to the ball-free arm.



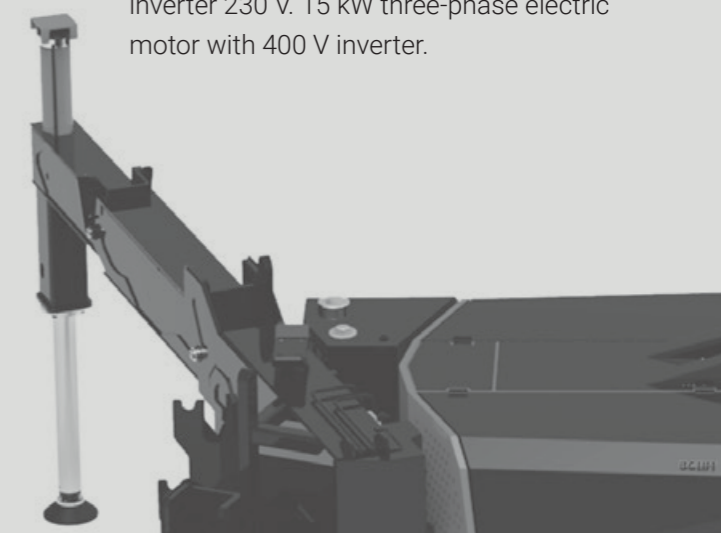
EFUC: EVERY FUNCTION UNDER CONTROL

The remote control with display for integrated control displays all the parameters in real time.



EEAA: ELECTRIC ENGINE ALWAYS ALLOWED

Single phase electric motor 2,2 kW with inverter 230 V. 15 kW three-phase electric motor with 400 V inverter.



M060

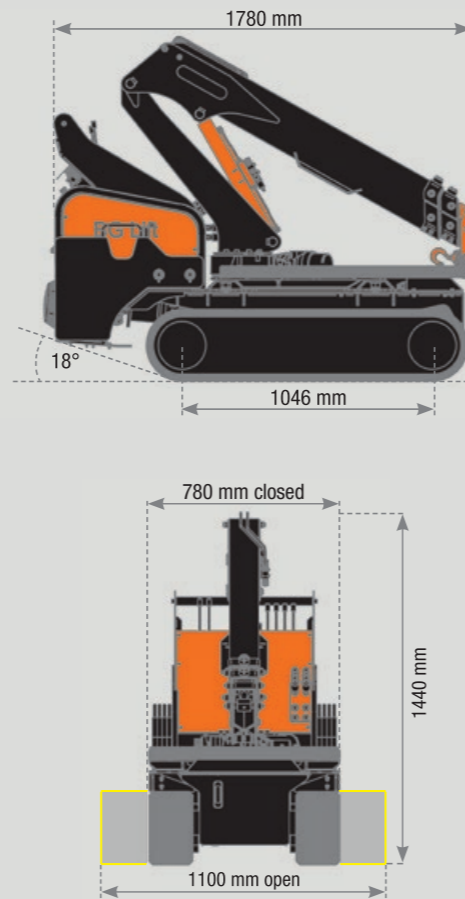
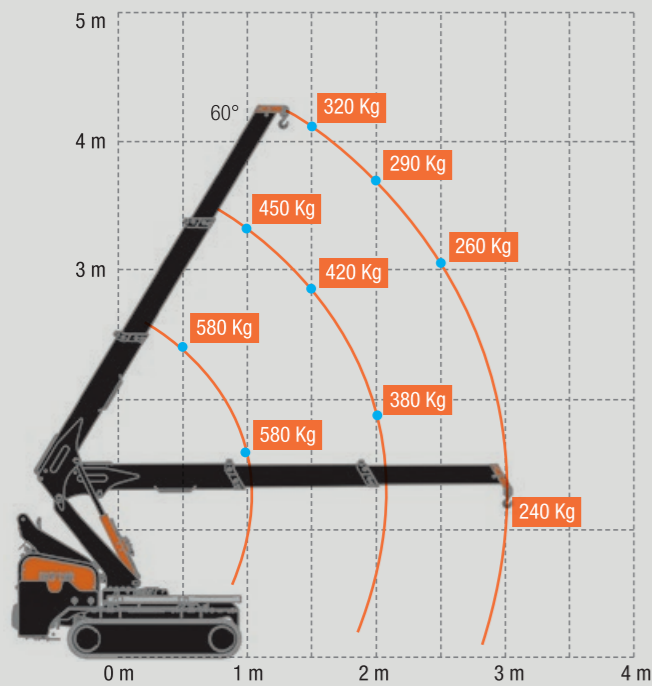


SCAN ME
PRODUCT
DETAILS

M060

MIRAGE

M 060



Dimensions (H x W x L): 1,44 x 0,78 x 1,78 m

Weight (excluding accessories): 720 kg + 200 kg ballast

Crane capacity: 580 kg

Max. working radius: 3,01 m

Max. lifting height (from the ground): 4,25 m

Max. lifting height (underground-winch): -34 m

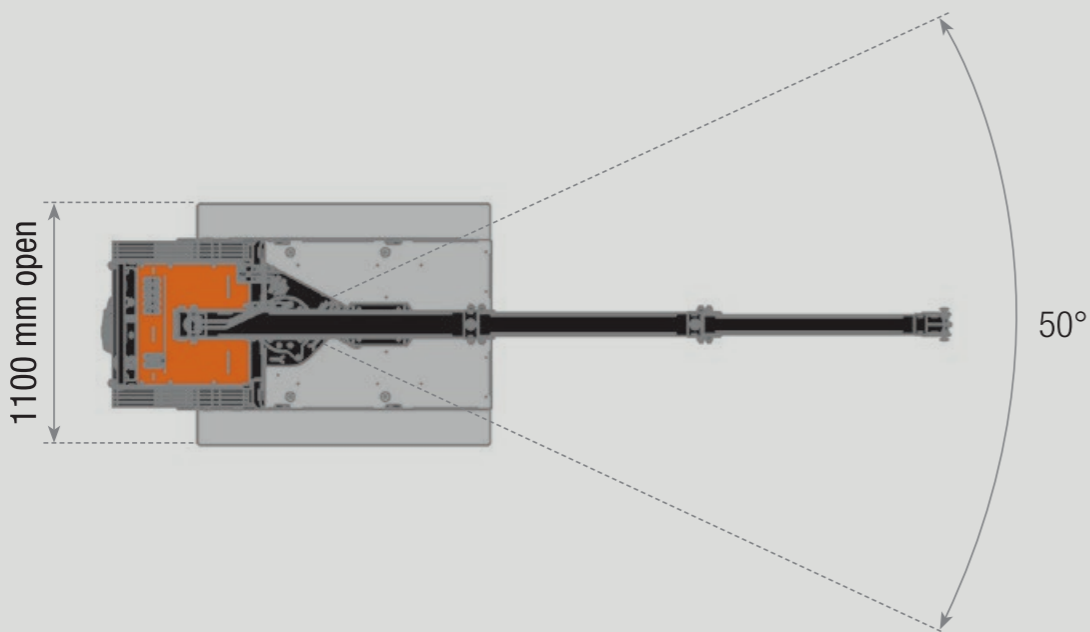


M060. Mini Crawler Crane Pick And Carry.

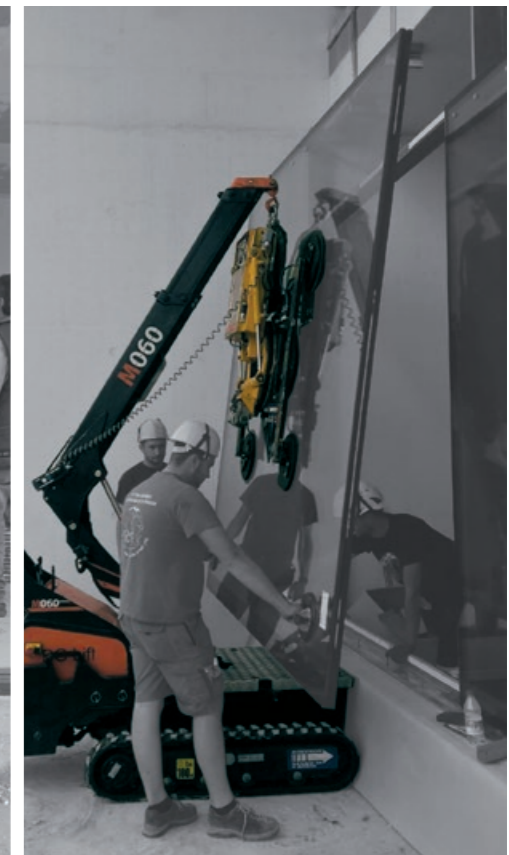
M060 a baby design and engineering masterpiece. The "Pick and Carry" mini crane provided with (50°) rotation. Extremely compact and ergonomic. Designed by BG LIFT Team to confer agility, robustness and to be used in narrow spaces and access. Perfect for indoor and outdoor use.

The restrained weight allows the crane to operate on the base floor of upper levels, totally in compliance with the regulations.

Power:
- 320 KG Load capacity at 4,25mt height, with boom in vertical position.



Technical data can be modified without prior notice



Technical data can be modified without prior notice

M060 Li-ion

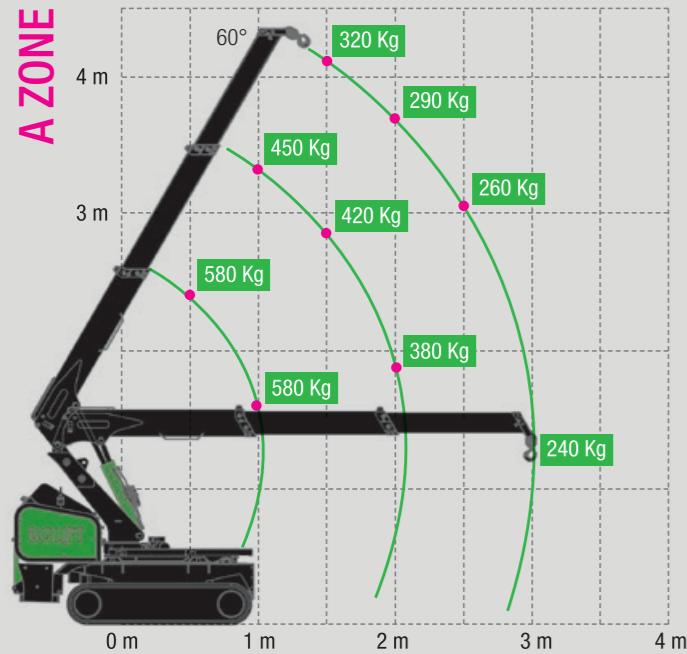


SCAN ME
PRODUCT
DETAILS

M060
Li-ion

MIRAGE

M 060 Li-ion

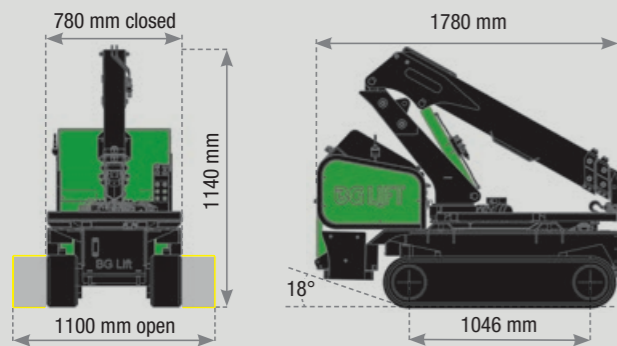
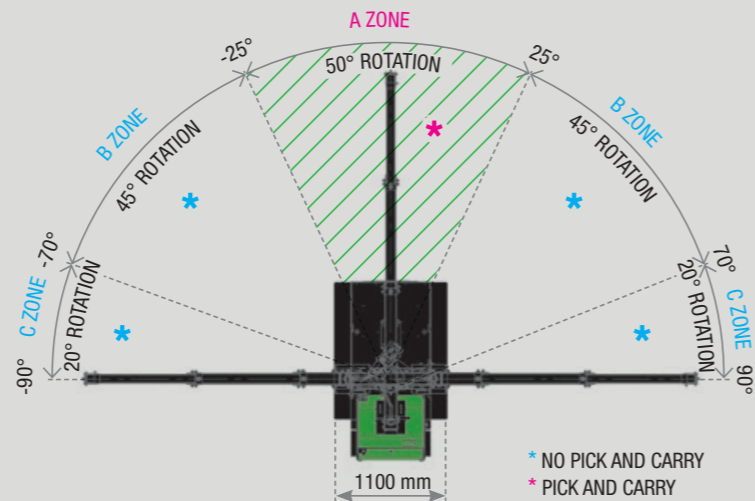


OPERATING DIAGRAM OF ROTATION WITH CLOSED CARRIAGE

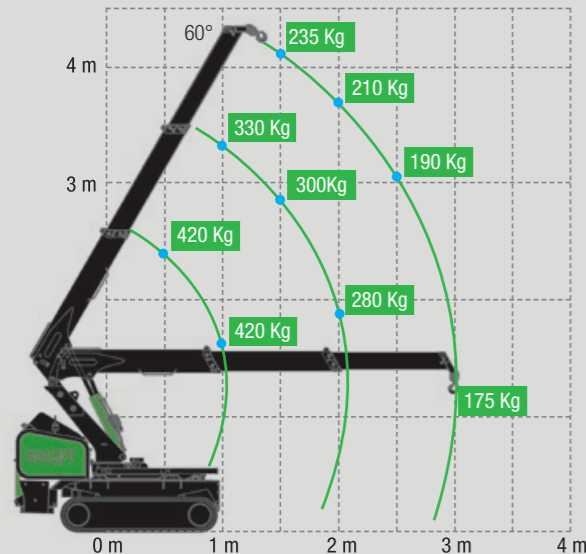
A ZONE
0° ROTATION



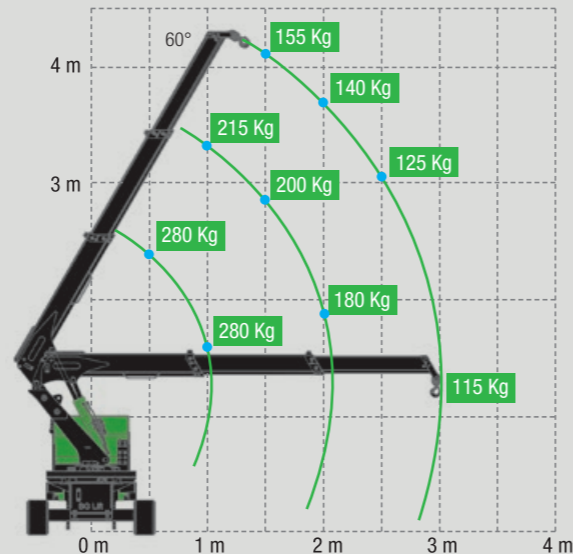
OPERATING DIAGRAM OF ROTATION WITH EXTENDED CARRIAGE



B ZONE



C ZONE



Technical data can be modified without prior notice

Dimensions (H x W x L): 1,44 x 0,78 x 1,78 m

Weight (excluding accessories): 720 kg + 200 kg ballast

Crane capacity: 580 kg

Max. working radius: 3,01 m

Max. lifting height (from the ground): 4,25 m

Max. lifting height (underground-winch): -34 m

M060 Li-ion. Electric Mini Crawler Crane Pick And Carry.

M060 Li-ion a baby design and engineering masterpiece. The "Pick and Carry" mini crane provided with (180°) rotation. Extremely compact and ergonomic. Designed by BG LIFT Team to confer agility, robustness and to be used in narrow spaces and access. Perfect for indoor and outdoor use.



The restrained weight allows the crane to operate on the base floor of upper levels, totally in compliance with the regulations.

Power:
 - 320 KG Load capacity at 4,25mt height, with boom in vertical position.



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M250

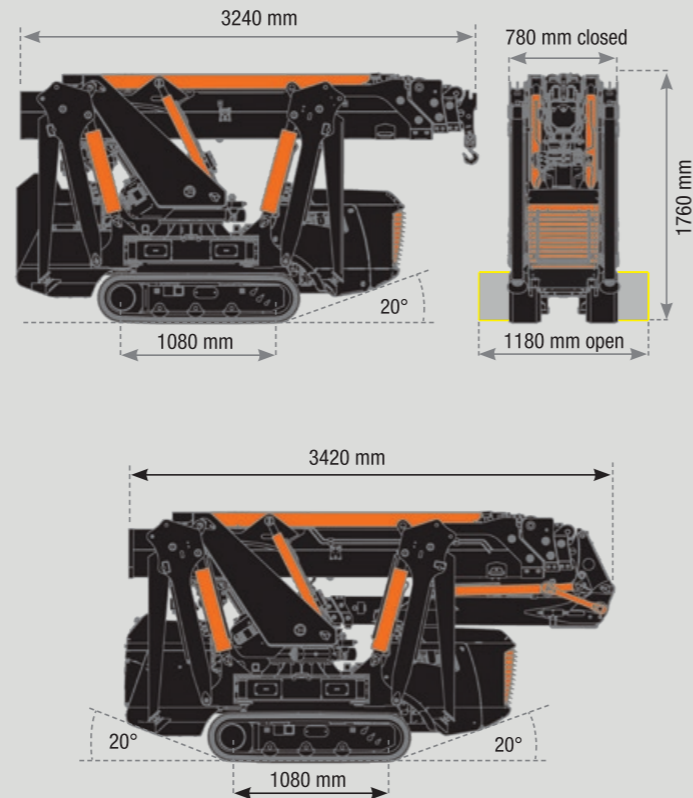
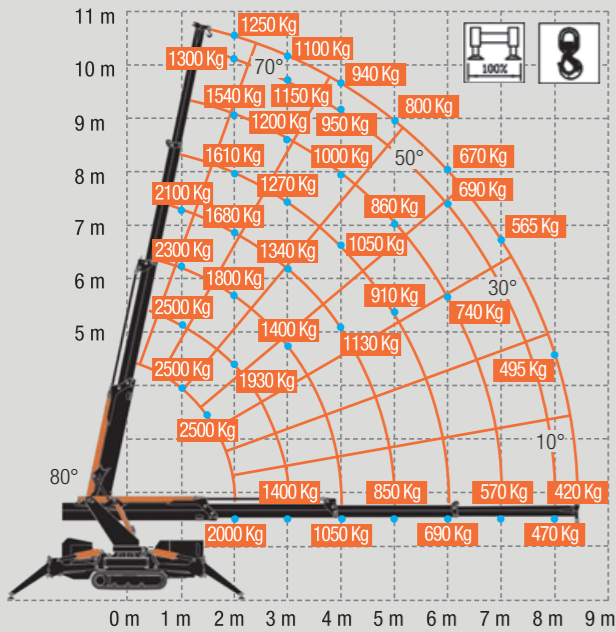


SCAN ME
PRODUCT
DETAILS

M250

M RANGE

M 250



Dimensions (H x W x L): 1,76 x 0,78 x 3,24 m

Weight (excluding accessories): 2420 kg

Lifting capacity: 2500 kg

Max outreach with hydraulic Jib (optional): 12,85 m

Maximum lifting height with hydraulic Jib (from the ground): 16,00 m

Maximum lifting height (underground-winch): -62,5 m



M250. Compact Crawler Crane.

M250, the attention given to the study of shapes and the exclusive line design. The aesthetic and functional harmony in a great technological project.

A solid crane, equipped with advanced technologies, top quality materials and components, to obtain the best overall performance. Built for indoor and outdoor use in limited spaces and hardly accessible buildings.

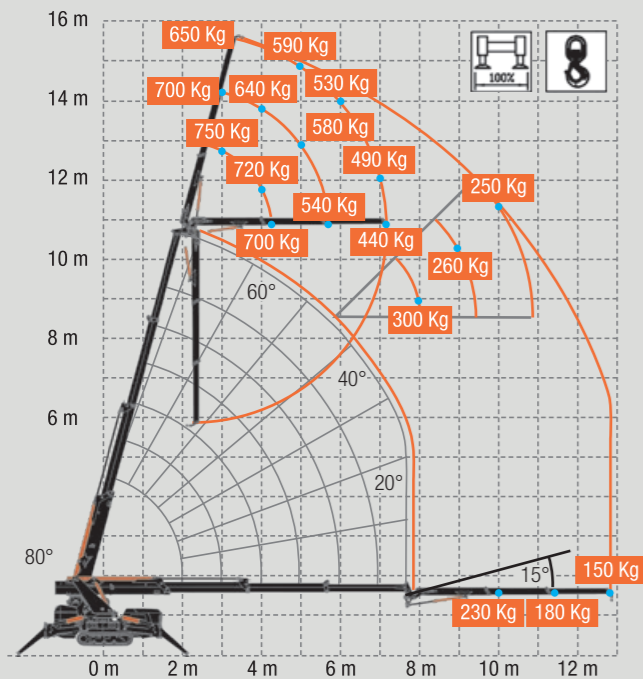
The dimensions and lightweight, combined to millimetric precision manoeuvrability, allow quick and less invasive operations.

Power:

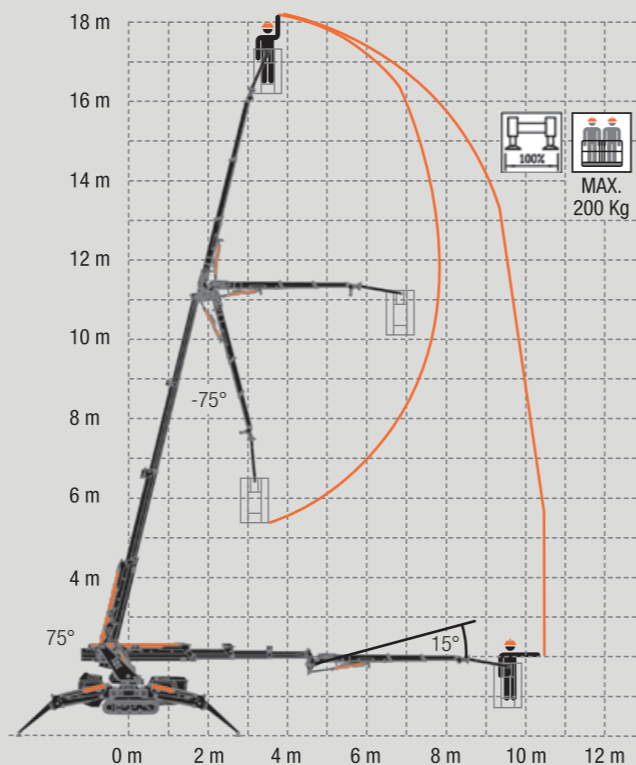
- 1250 kg load capacity at 10,40 mt. height, with boom in vertical position
- 650 kg load capacity at 15,90 mt. height, with boom and jib in vertical position

Technical data can be modified without prior notice

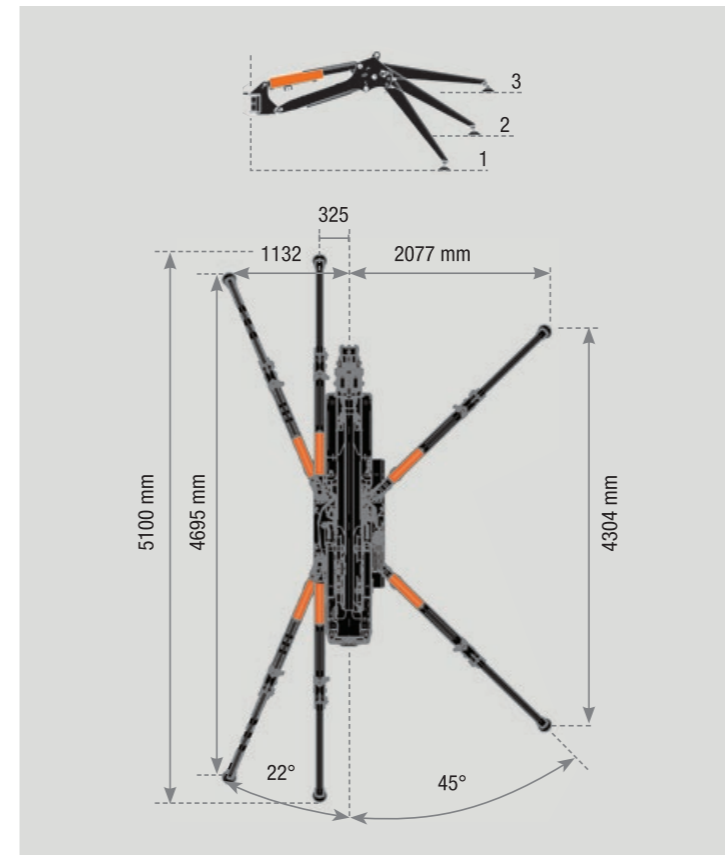
M 250 + Jib



M 250 + Basket



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M250 Li-ion

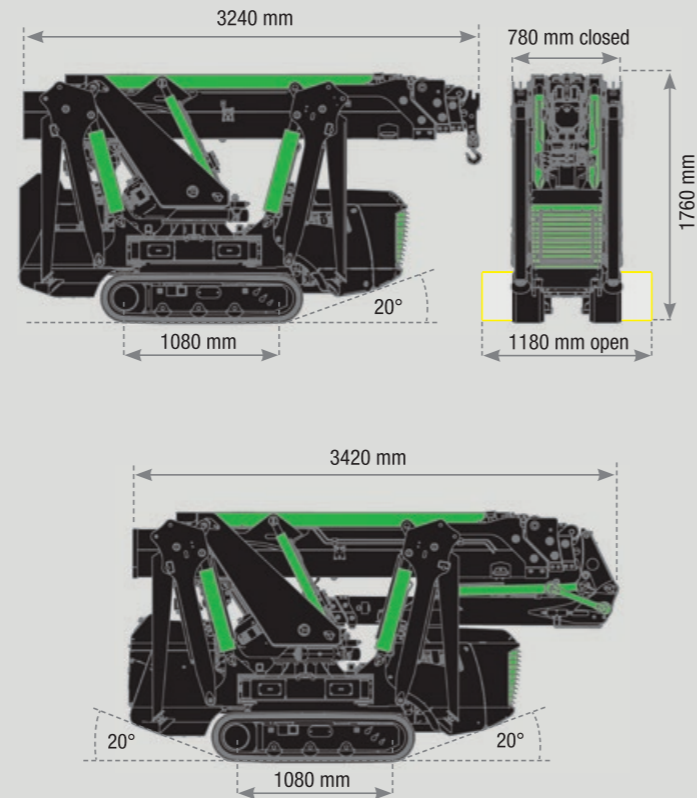
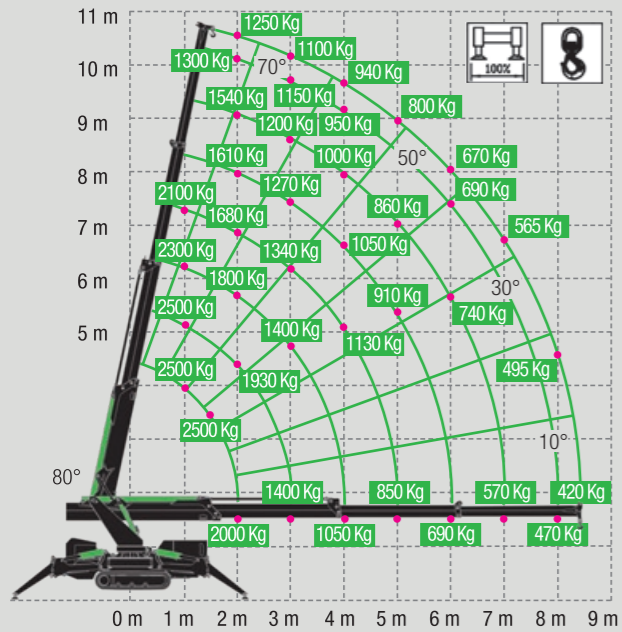


SCAN ME
PRODUCT
DETAILS

M250 Li-ion

M RANGE

M 250 Li-ion



Dimensions (H x W x L): 1,76 x 0,78 x 3,24 m

Weight (excluding accessories): 2420 kg

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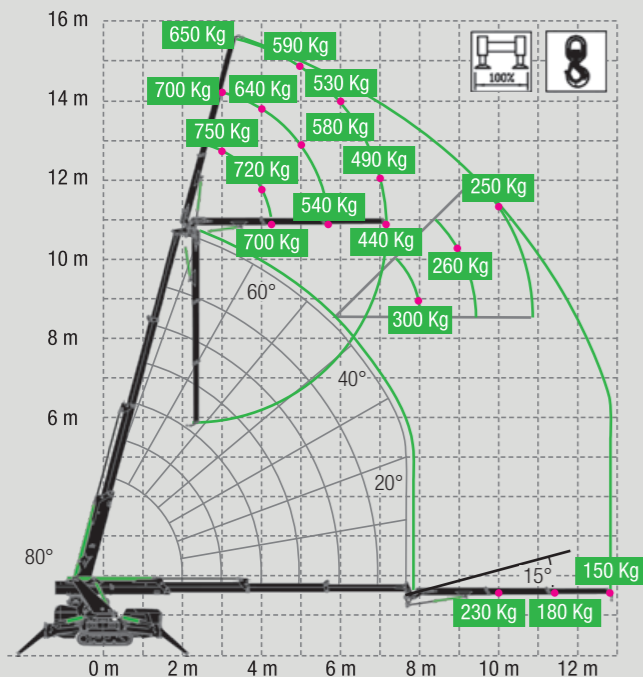
The dimensions and lightweight, combined to millimetric precision manoeuvrability, allow quick and less invasive operations.

Power:

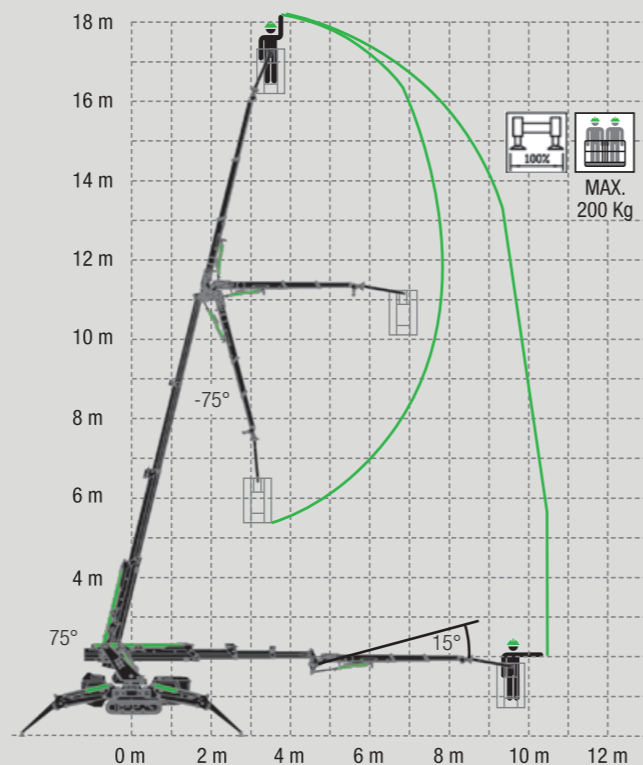
- 1250kg load capacity at 10,40 mt. height, with boom in vertical position
- 650 load capacity at 15,90 mt. height, with boom and jib in vertical position

Technical data can be modified without prior notice

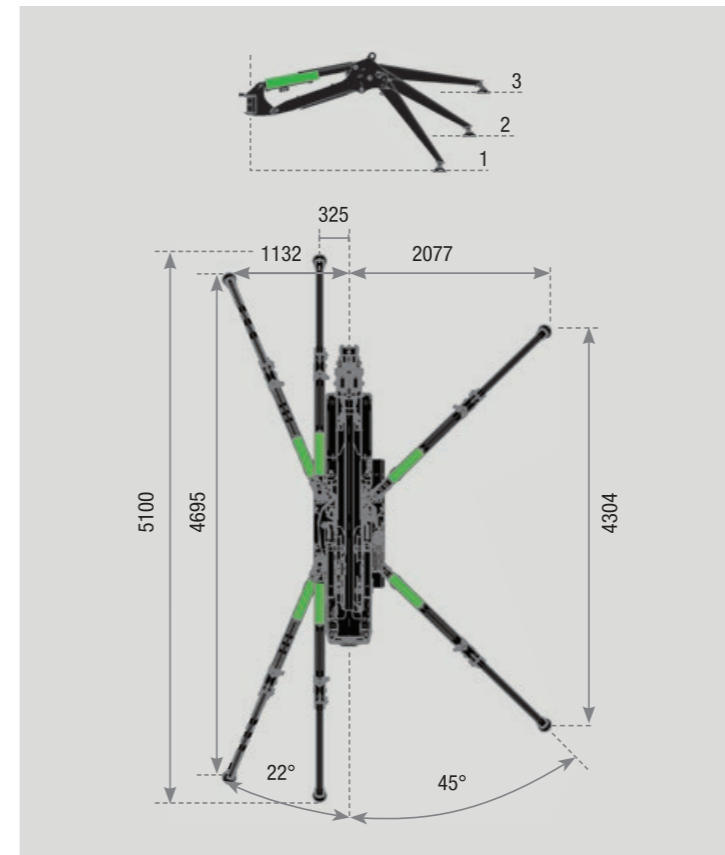
M 250 Li-ion + Jib



M 250 Li-ion + Basket



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M400

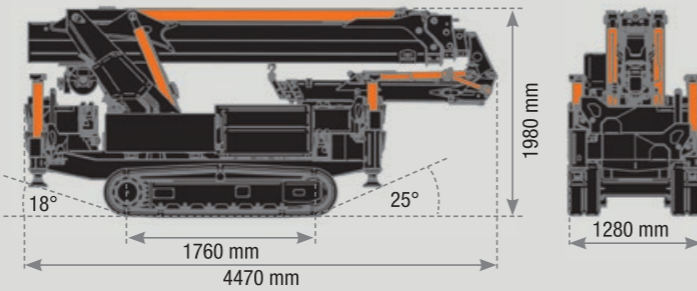
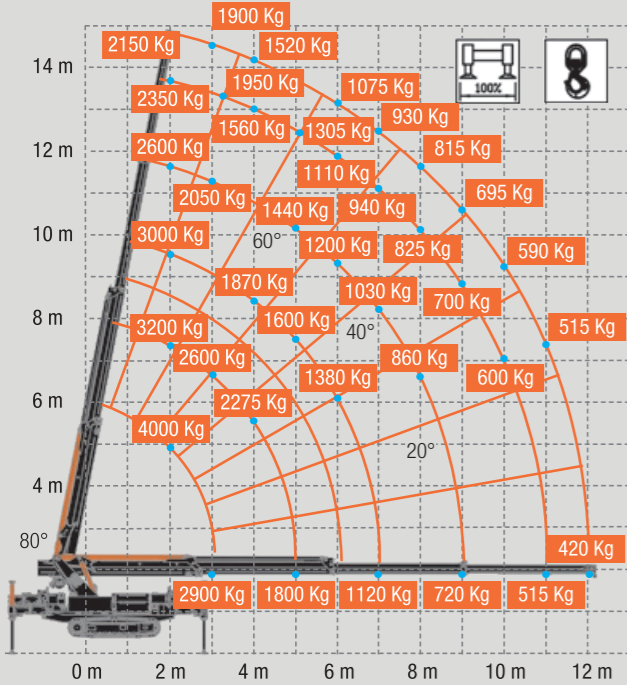


SCAN ME
PRODUCT
DETAILS

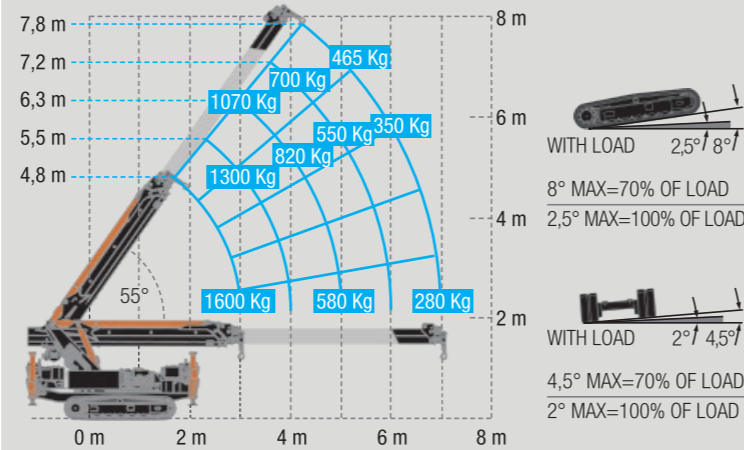
M400

M RANGE

M 400



1,6 Ton Pick and Carry



Dimensions (H x W x L): 1,96 x 1,20 x 4,25 m

Weight: 4300 kg

Lifting capacity: 4000 kg

Max outreach with hydraulic Jib (optional): 17,00 m

Maximum lifting height with hydraulic Jib (from the ground): 21,10 m

Maximum lifting height (underground-winch): -53,5 m

M400. Compact Crawler Crane.

M400 is not only an amazing compact crawler crane, but also a tireless Pick & Carry Crane able to moves with millimetric precision in very narrow spaces and raising up to 1,6 Ton. Two cranes in one and more: the innovative technology of the double cross beam outriggers confer to the crane greater positioning chance, thus facilitating the use in operating situations considered for a long time impossible.

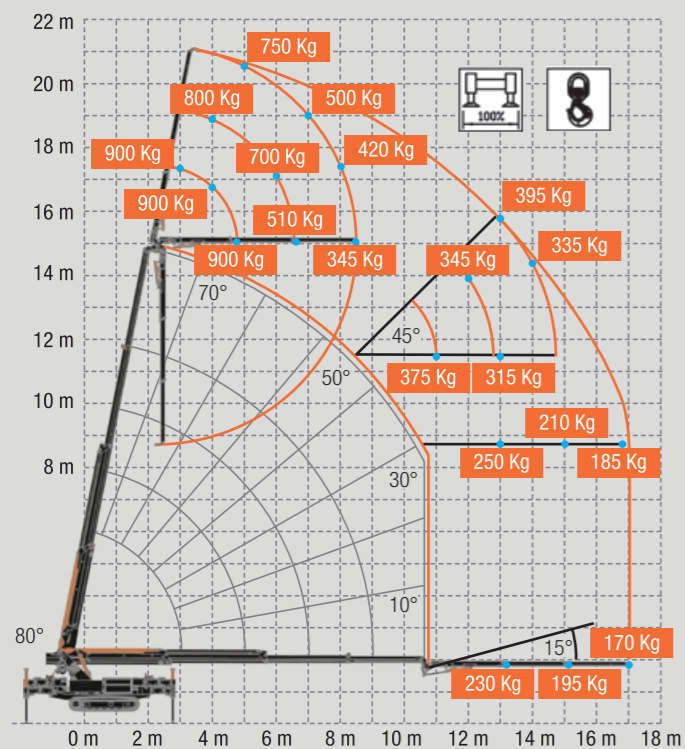


The dimensions and lightweight, combined to millimetric precision maneuverability, reduce enormously the operating time increasing the quality guaranteeing the total safety.

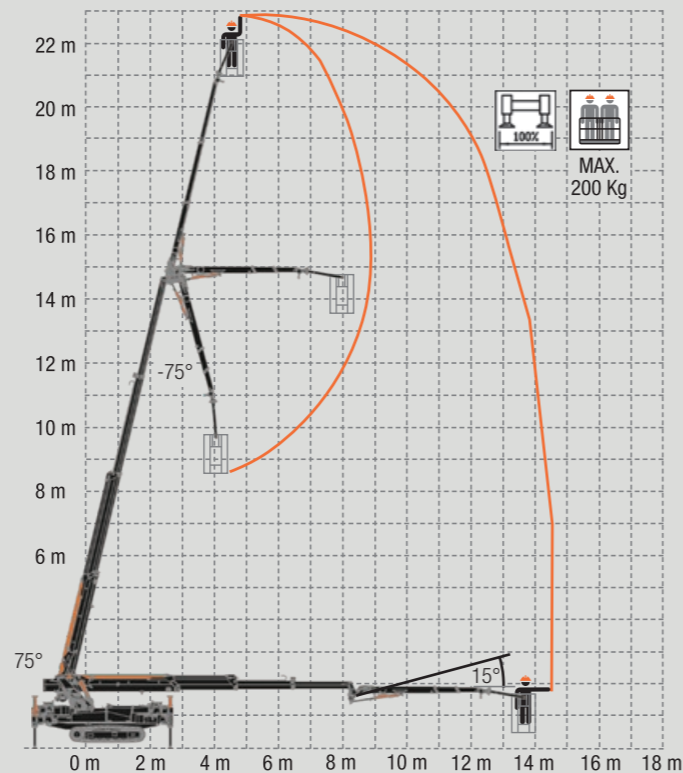
Power:

- 2100 kg load capacity at 14,80 mt. height, with boom in vertical position
- 750 load capacity at 21,10 mt. height, with boom and jib in vertical position.

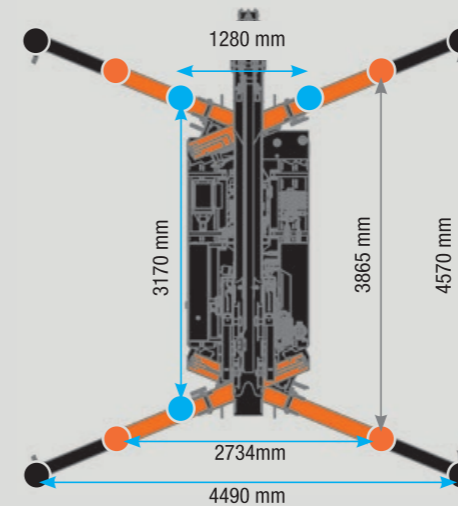
M 400+ Jib



M 400 + Basket



Technical data can be modified without prior notice



Technical data can be modified without prior notice



Technical Specifications



M060



M060 LI-ION



M250



M250 LI-ION



M400

M RANGE

	Max capacity:	580 Kg / 1,3 m	580 Kg / 1,3 m	2500 Kg / 1,5 m	2500 Kg / 1,5 m	4000 Kg / 2 m
	Max outreach:	3,01 m	3,01 m	8,43 m	8,43 m	12,10 m
	Max outreach with Jib (optional):	-	-	12,85 m	12,85 m	17,00 m
	Max hook height:	4,25 m	4,25 m	10,40 m	10,40 m	14,80 m
	Max hook height with Jib (optional):	-	-	16 m	16 m	21,10 m
	Slewing angle Rotation speed:	- 25° + 25°	- 25° + 25°	Continuous 1,5 rpm	Continuous 1,5 rpm	Continuous 1 rpm
	Winch (optional): First layer pull Rope length Speed in direct pull	500 Kg 36 m 42 m / min	500 Kg 36 m 42 m / min	900 Kg 68 m 47 m / min	900 Kg 68 m 47 m / min	1000 Kg 60 m 47 m/min
	Radio remote control:	Scanreco Can-Bus + Display	NBB Can-Bus + Color Display	Scanreco Can-Bus + Display	Scanreco Can-Bus + Display	Scanreco Can-Bus + Display
	Stability control:	Electrohydraulic	Electronic	Electronic	Electronic	Electronic
	Stability system:	-	-	Max 4155x4300	Max 4155x4300	Max 4490x4570
	Weights: Standard crane Jib Electric motor Winch Mobile ballast (Pick and Carry)	720 + 200 Kg ballast - 140 Kg 28 Kg -	720 + 200 Kg ballast - 40 Kg 28 Kg -	2420 Kg 210 Kg 40 Kg 65 Kg -	2420 Kg 210 Kg 40 Kg 65 Kg -	4300 Kg 230 Kg 40 Kg 65 Kg 300 Kg
	Transmission: Scope Pressure Speed Max slope degree Max pressure on the ground	Moto-reducer 30 l /min 150 bar 0-2 Km/h 20° 0,25 Kg/cm ²	Moto-reducer 30 l /min 150 bar 0-2 Km/h 20° 0,25 Kg/cm ²	Moto-reducer 50 l /min 170 bar 0-2 Km/h 25° 0,47 Kg/cm ²	Moto-reducer 50 l /min 170 bar 0-2 Km/h 25° 0,47 Kg/cm ²	Moto-reducer 55 l /min 200 bar 0-2 Km/h 25° 0,41 Kg/cm ²
	Thermal Engine: Max power Max torque Tank capacity	8,7 Kw - 11,7 Hp 26,5 Nm 6 l	-	18,5 Kw - 24,8Hp 71,5 Nm 13 l	-	18,9 Kw - 25,7 Hp 64 Nm 25 l
	Electric Engine: Power supply Battery capacity Power	230 V - 2,2 Kw + inv.	24 V 210 Ah 24 V 5,5 Kw - 8 Hp	230 V - 2,2 Kw + inv.	48 V 200 Ah 48 V 8,5 Kw - 12 Hp	400 V - 5,5 Kw 48 V 200 Ah 48 V 8,5 Kw - 12 Hp

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Standard Equipment

M060

M060 LI-10N

M250

M250 LI-10N

M400

Radio remote control with LCD display for crawler, chassis and crane function	●		●	●	●
Radio remote control with color display for each function of machine		●			
Continuous rotation			●	●	●
50° Crane rotation	●				
180° Crane rotation		●			
Predisposition for winch Installation	●	●	●	●	●
Predisposition for Jib Installation			●	●	●
Outriggers continuous variations control system			●	●	
Outriggers continuous variations control system					●
Automatic stabilization			●	●	●
Two Speed Crawler Translation	●	●	●	●	●
Extendable Crawler	●	●	●	●	
Manual endothermic engine rpm increment	●	●	●	●	●
N° 2 working LED lamps on the crawler			●	●	
N° 2 Lifting Connections	●	●			
N° 4 Lifting Connections			●	●	●
Electronic Limiting Device		●	●	●	●
Electrohydraulic Limiting Device	●				
Auto diagnostic		●	●	●	●
According To EN12999	●	●			
According To EN13000			●	●	●
BG Connect		●	●	●	●
Smart Stability Control (SSC)					●

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Optional Equipment

M060

M060 LI-10N

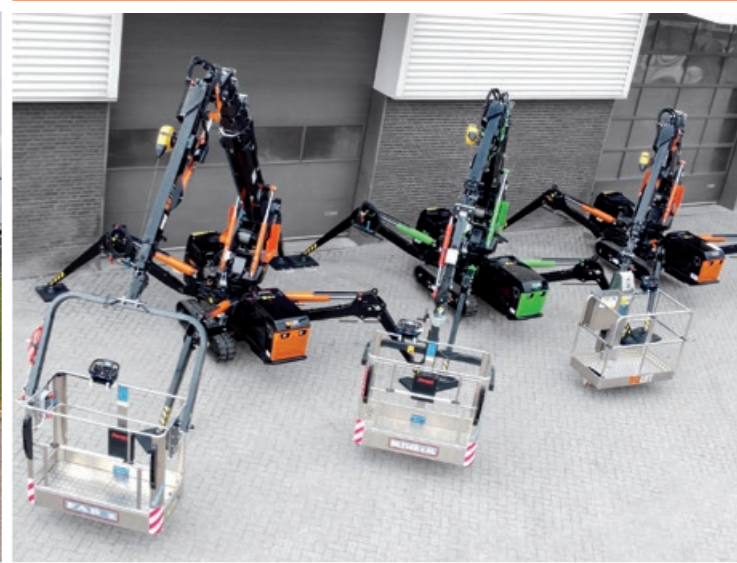
M250

M250 LI-10N

M400

Scanreco radio remote control crane function	●				
500 Kg hydraulic winch	●	●			
900 Kg hydraulic winch			●	●	
1000 Kg hydraulic winch					●
Lowered hook connections	●	●	●	●	●
Third line pull pulleys			●	●	
Fourth, third line pull pulleys					●
Plates for outriggers			●	●	●
Working LED light on the main boom	●	●	●	●	●
Working LED light on the Jib			●	●	●
N° 4 Working LED lights on the crawler					●
Hydraulic Jib with opening up to 195°			●	●	●
Mono phase electric engine 2,2 kW/230V with inverter	●		●	●	
Three phases electric engine 5,5 kW/400 V					●
Automatic endothermic engine rpm increment			●		●
No marking rubber pads	●	●	●	●	●
Two man baskets capacity CE			●	●	●
LED lights for outriggers					●
Green oil	●	●	●	●	●
Automatic crane closing			●	●	●
Electric engine with lithium battery					●

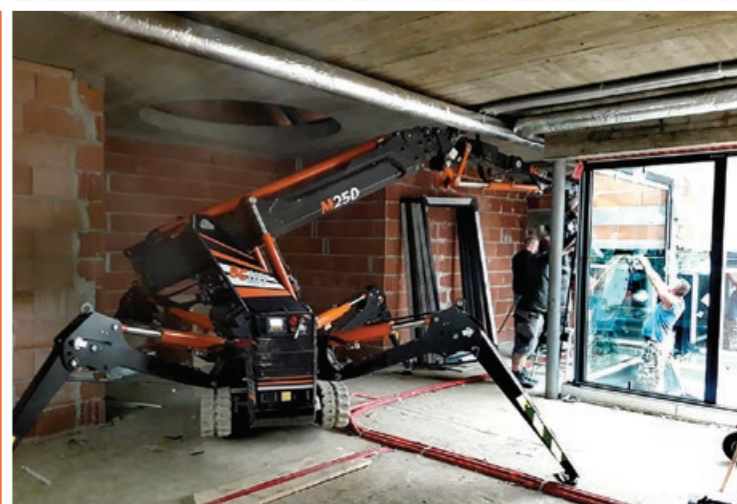
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COMPACT CRAWLER CRANE
M RANGE



BGLIFT [®]
SIMPLE ANSWERS TO COMPLEX LIFTING REQUESTS



COMPACT CRAWLER CRANE

M
M RANGE

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E-mail: info@bglift.com
www.bglift.com



SIMPLE ANSWERS TO COMPLEX LIFTING REQUESTS