

MecALAC

15MC



15MC
MecALAC





15MC

HUMAN ENGINE, HUMAN MACHINE

“For the past 60 years, innovation, accuracy and the search for performance have been the leading keywords of our company’s vision. At Mecalac, we imagine the machines designed for the construction sites of the 21st century. Since every job has its own characteristics and restrictions, since each country has its own culture, we build machines that respond perfectly to today’s challenges. Our machines are created by men, for men! We are proud to be human innovators who improve and push back the limits of our clients’ objectives.”

Henri Marchetta, Chairman & CEO
Groupe Mecalac S.A.



15MC

A NEW REFERENCE

**A NEW STANDARD IS
BORN BASED UPON
COMPACTNESS AND
POWER**

The new 15MC, is a compact and powerful excavator that can work as close to the tracks as possible while providing an exceptional working range of 9 m. It benefits from the latest Mecalac patents for interior and exterior technologies. Equipped with a 100 kW engine, it is the most powerful machine in its class. Discover now the new tracked excavator "made in Mecalac".







15MC

THE SECRET TO STABILITY

DESIGN: A STRONG AND STRATEGIC COMPONENT OF THE MECALAC IDENTITY

“Our strength? Offering each client the most efficient solution. A deep analysis of users’ work process allows us to provide the right industrial and versatile answer to their requests. This approach allows to offer better fitted machines based on the real needs of the jobsite. At Mecalac, design has always been part of our creation process. It is a strong and strategic component of our brand identity and products and is not limited to mere aesthetics. Our design is functional and secure. It blends ergonomics with smooth flowing lines”.

*Patrick Brehmer,
Head of Marketing,
Product Management & Design*

The complete integration of the counterweight and of the equipment inside the frame print have enabled to combine compactness and stability.





**THE SECRET TO
STABILITY LIES IN THE
INTEGRATION AND
THE LOWERING OF
THE MOTOR ON THE
TURRET.**





15MC

USER FRIENDLY

To optimise ease of use also means ensuring safety for the operator and for the workers' team of both urban and suburban construction sites. Here are the latest developments by Mecalac, providing comfort and serenity at work:

- different Mecalac operating modes
- Connect, Mecalac's patented quick-coupler
- excellent visibility
- allround accessibility
- the fuel tank positioned at hand





USER-FRIENDLY

DRIVING USER-FRIENDLINESS

STANDBY, ECO OR POWER MODE, IN ONE SINGLE SWITCH.

Thanks to the unique central selector, the driver can switch to STANDBY, ECO or POWER mode in one single movement, saving him multiple settings which are usually necessary.

With this unique, worldwide exclusive function, everything on the 15MC can be done instantly by selecting the desired configuration. All the functions needed to activate for the chosen mode are set automatically, no need to think about it. The control display shows the functions activated in real time. The different modes also optimise the speed and response of the machine and consequently the fuel consumption.

This guarantees a flawless and ultra-safe operating on construction sites. The operator takes control of his machine in a single gesture and can, in full confidence, focus only on the tasks to be performed.



↓
1 BUTTON
3 MODES





USER-FRIENDLY

CONNECT 'ATTACHED' TO VERSATILITY

**IN ORDER TO MAKE ITS MACHINES
EVER SAFER AND MORE VERSATILE,
MECALAC INTRODUCES CONNECT,
ITS PATENTED QUICK COUPLER,
NOTABLE FOR ITS LIGHTNESS,
INTEGRATION, USER-
FRIENDLINESS, REVERSABILITY
AND ITS PERFECT SAFETY.**

Controlled from the cab, there is zero risk of it detaching from the tool either while it is being connected or while in operation. It is equipped with a detection system that alerts the driver if the tool is improperly secured (with visual and audible signals). Not only that, but it is also reversible and has an automatic play compensation function, making the CONNECT quick coupler the ultimate connection between tool and machine!





WATCH THE DEMO







USER-FRIENDLY

SPACE & PANORAMIC VISION

THE HUMAN EYE REMAINS THE BEST ALLY OF URBAN BUILDING SITES.

The shape of the rear hood has been redesigned and the rounded window is now in one single piece, for a more open view. The main element of the Mecalac boom moves very far when retracted, which offers a great side visibility. The 2 piece windshield is foldable and the door windows can be opened to be at the forefront of the worksite. Thanks to the view mirrors and the 2 cameras, the cabin offers a new vision to the operator who can stay focused on the worksite environment while managing his machine.







USER-FRIENDLY

ACCESSIBILITY

CLIMB UP AND DOWN EASILY

Mecalac has studied the access to the cabin of the 15MC in every detail so that the operator can enter it directly without contortion and without taking risks.

The exclusive Mecalac system of a slide swing door allows for easy opening and closing whether the operator is on the ground or seated in the cab.

But that's not the only advantage of the ingenious Mecalac cabin door. Whatever the position of the machine, against a wall or an obstacle, the opening or the closing will always be possible to allow the mount or the descent - even in a confined situation.

One more argument towards the useful compactness «made in Mecalac».







USER-FRIENDLY

FILL UP YOUR TANK EFFORTLESSLY

**THE TANK HAS A CAPACITY
OF 150 AND IS EXTREMELY
EASY TO ACCESS SINCE IT
IS NOW LOCATED IN THE
UNDERCARRIAGE BETWEEN
THE TRACKS**

Refueling without having any operations to perform at height, without any obstacle to interfere with the maneuvers, that is further proof of Mecalac's constant search for the ease of use of its machines. While most competitive machines still have the fuel tank in the upper structure, filling up the 15MC or checking the oil level is as simple as it is safe. Because daily maintenance should always be risk-free.





15MC

OPTIMAL PERFORMANCE

The 15MC is equipped with numerous technical characteristics for optimal construction site management. Each of them contributes to convincing advantages for undeniable customer benefits. This particular attention to the performance and profitability of work sites definitely marks Mecalac's culture of customer orientation.

- naturally balanced
- all-terrain capacity
- 3D-compactness
- working range
- versatility and autonomy
- lifting power



15MC

Mec

15MC



PERFORMANCE

NATURALLY BALANCED

THE NEW 15MC BENEFITS FROM 360° ISO STABILITY: THIS MEANS THE MACHINE'S STABILITY REMAINS THE SAME REGARDLESS OF THE ROTATION ANGLE OF THE UPPER CARRIAGE.

Lift, place, move, unload... all without moving. The new 15MC transforms worksite logistics thanks to its incredible stability in any position and on any terrain. Whatever the conditions, it stays balanced both when travelling in transfer operations between sites as well as during work phases. This enables an impressive 360° lifting performance - an extraordinary feature.





PERFORMANCE

OVERCOME OBSTACLES

**THE 15MC IS THE MOST
POWERFUL MACHINE OF ITS
CLASS.**

Choosing to work with a tracked excavator also means getting out of any situation, may it be in difficult terrain, cramped, hilly or sloping. Whatever the configuration, access to the site is essential. The traction force of the 15MC proves that a crawler excavator working in an urban environment can be the synonym of efficiency, power and suppleness.





PERFORMANCE

3D COMPACTNESS

Equipped with a boom featuring an integrated offset, the 15MC can even work outside of its own tracks, combining power and compactness. 3 boom versions are available: the versatile Mecalac boom with integrated offset, the 2-piece boom as well as a 2-piece boom with offset.

In any configuration, the 15MC is incomparably compact, enough to satisfy the requirements of all urban construction sites.



MAXIMUM COMPACTNESS

for minimum bulk

This useful compactness frees 100% performances and 100% functions, therefore reducing the impact of urban construction sites on the environment.



COMPACTNESS AT WORK

in the service of security

With its XS measurements, a 360° rotation and an exceptional boom lifting angle, the 15MC can work extremely close to its chassis, whatever the angle of rotation. Efficiently performing its work in tight spaces, the 15MC reduces the number of maneuvers and thus the impact to the surface. The machine can be equipped with a digging bucket, a loader bucket or a pallet fork - this is the winning combination of the 15MC : compactness + efficiency + safety





PERFORMANCE

LIFTING POWER & AMPLITUDE



AN UNRIVALLED COMPACTNESS/LIFTING CAPACITY RATIO:

The unique architecture of the new 15MC makes this powerful and precise handling machine capable of lifting up to 6.5 tons to 3 meters and 360°!

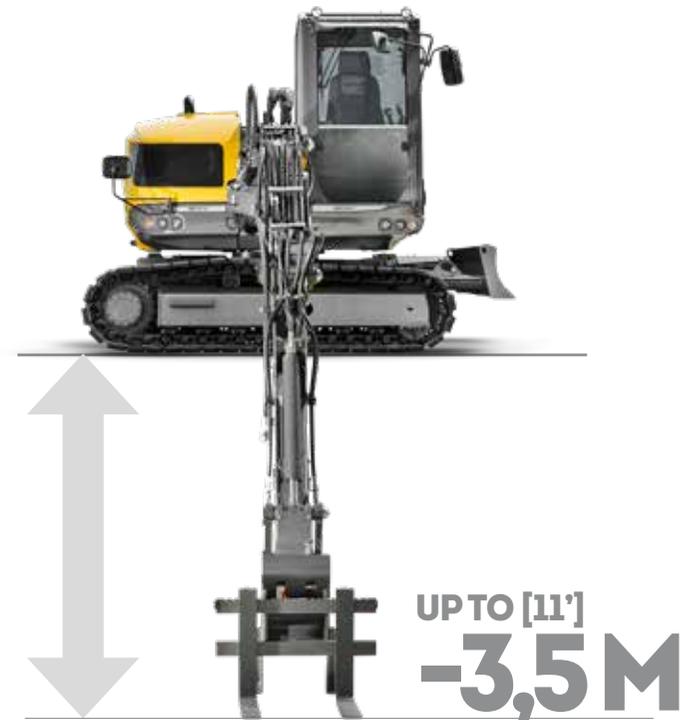


360°



AMPLITUDE

Equipped with a loader bucket or with pallet forks, the 15MC allows for an unusual range of amplitude whether up when loading a truck or down when offloading pallets.





PERFORMANCE

FROM VERSATILITY TO AUTONOMY

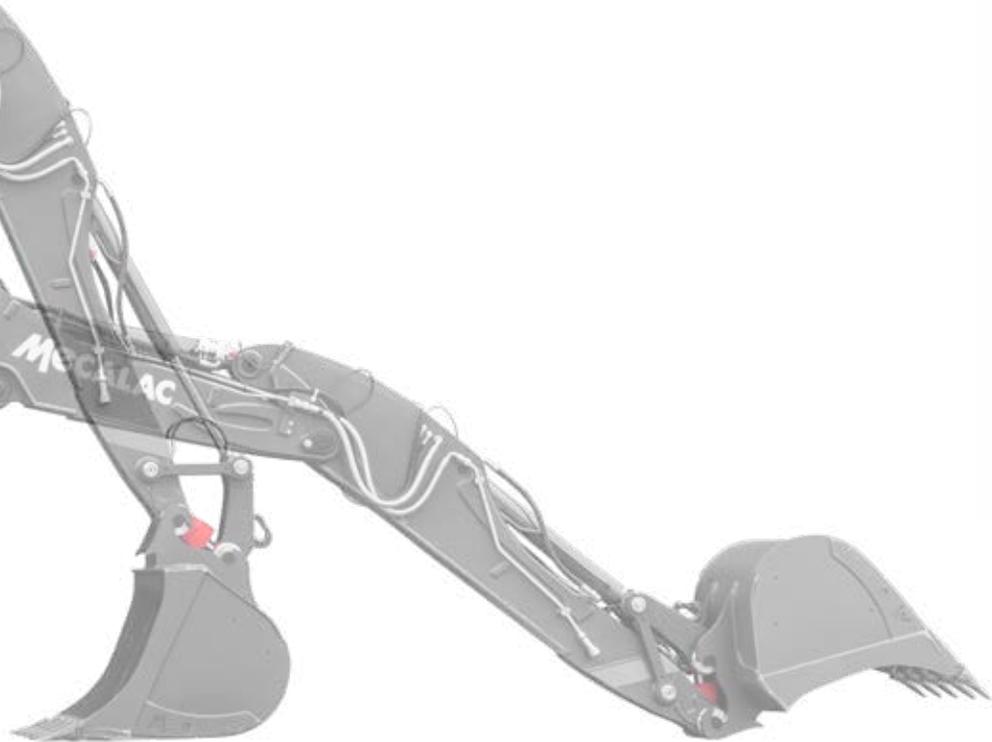
**EXPERTISE IS BORN OF EXPERIENCE.
OURS IS BASED ON THE STRONG
CONCEPT THAT PROFITABILITY
CANNOT BE CONSIDERED WITHOUT
SIMPLICITY OF USE, COUPLED WITH
VERSATILITY IN FUNCTIONS.**

Developed from the start as a versatile machine, the 15MC offers a wide range of options and accessories. The tracked excavator is put into service for the autonomy of our customers by offering them great visibility and optimal mobility on each of their work sites. No matter what industry they are in, whatever country they call their home or whatever their corporate culture is.

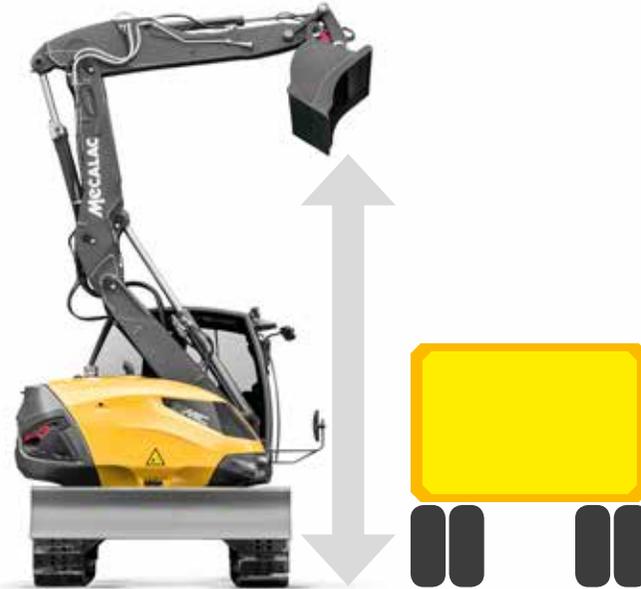


LARGE DIGGING AMPLITUDE

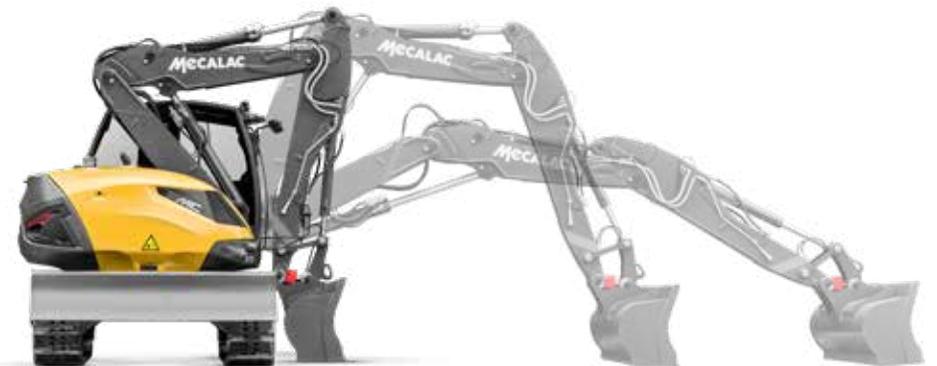




**UNIQUE
OVERLOADING
HEIGHT**



STATIC LOADING





15MC

SET UP YOUR 15MC

The new 15MC comes standard equipped with a number of features, while at the same time remaining attentive to the specifications required by various types of customers: landscape and earthwork contractors, public works' professionals, municipal authorities, etc. So, from the color scheme to the choice of tires, heating/AC or cameras, not to mention the various attachments, buckets and hydraulic tools which can be used, there are many different ways to tailor your new 15MC to your brand and business.

CUSTOM COLORS

You wish to get your MWR with your brand colors?
Customize your Mecalac with your own RAL color codes.

Color examples



TRACKS

500 mm steel tracks (standard)
600 mm steel tracks
Roadliner tracks - BRIDGESTONE Geogrip
Roadliner tracks - ASTRAK Duraline Plus



CAB - COMFORT AND SAFETY

Air conditioning
Rotating beacon
LED rotating beacon
Travel alarm
Lynx shout type adaptative travel alarm
Additional front working light
Additional rear working light
Cabin sun visor
Heated penumatic seat
Switch command ISO / SAE
Telematics systems predisposition

FRAME

Blade for 500 mm steel tracks (standard)
Blade for 600 mm steel tracks

HEAVY COUNTERWEIGHT (+450 KG)

ENGINE

Particles filter (DPF)
Automatic temporised engine stop
Electric gas oil pump with automatic stop
Anti-theft device - electronic immobilizer with 6 keys

AUXILIARY LINES

Additional auxiliary line
Additional proportional auxiliary line
Additional auxiliary (deviation of bucket cilinder)
Hammer return line

ANTIDROP SAFETY VALVES

Safety valves on boom, adjustable boom, dipperstick
Safety valves on boom, adjustable boom, dipperstick, bucket

QUICK COUPLING

'Connect' quick coupling with hook
Without quick-coupler option

ATTACHMENT

Mecalac versatile attachment
Two-piece boom attachment
Offset two-piece boom attachment

LUBRICATION

Standard manual greasing: single point for turret and irst boom (standard)
Centralized, manual lubrication for turret and equipment (except axles between connecting rod and quick coupling system)
Centralized, automatic lubrication for turret and equipment

OIL CHOICES

Hydraulic oil Total (ISO 46) (standard)
Hydraulic oil Panolin (HLP 46)
Hydraulic organic oil Total (BIOHYDRAN TMP 46)
Hydraulic oil for cold weather (ISO 32)
Hydraulic oil for hot weather (ISO 68)
Hydraulic oil for very hot weather (ISO 100)





15MC

MECALAC EXCLUSIVE ACCESSORIES



DIGGING BUCKETS

TYPE	WIDTH mm (in)	number of teeth	VOLUME l (yd³)	WEIGHT kg (lb)
DIGGING BUCKET with teeth	450 (1'6")	3	235 (0.31)	319 (700)
	500 (1'8")	3	270 (0.35)	331 (730)
	600 (2')	3	335 (0.44)	358 (790)
	850 (2'9")	4	515 (0.67)	434 (960)
	1000 (3'3")	4	625 (0.82)	485 (1070)
DIGGING BUCKET without teeth	1200 (3'11")	5	770 (1)	551 (1215)
	450 (1'6")	-	235 (0.31)	295 (650)
	500 (1'8")	-	270 (0.35)	306 (675)
	600 (2')	-	335 (0.44)	333 (735)
	850 (2'9")	-	515 (0.67)	401 (885)
	1000 (3'3")	-	625 (0.82)	452 (1,000)
	1200 (3'11")	-	770 (1)	510 (1,125)

NARROW BUCKET

TYPE	WIDTH mm (in)	number of teeth	VOLUME l (yd³)	WEIGHT kg (lb)
NARROW BUCKET	300 (1')	2	95 (0.12)	275 (610)

LOADER BUCKETS

TYPE	WIDTH mm (in)	number of teeth	VOLUME l (yd³)	WEIGHT kg (lb)
LOADER BUCKETS with teeth	2250 (7'5")	7	1000 (1.31)	614 (1,355)
LOADER BUCKETS without teeth	2250 (7'5")	-	1000 (1.31)	591 (1,300)

4X1 BUCKETS

TYPE	WIDTH mm (in)	number of teeth	VOLUME l (yd³)	WEIGHT kg (lb)
4X1 BUCKET with teeth	2520 (8'3")	7	750 (0.98)	782 (1,725)
PROTECTION 4X1 BUCKET with teeth	-	-	-	14 (30)
4X1 BUCKET without teeth	2520 (8'3")	-	750 (0.98)	759 (1,675)
PROTECTION 4X1 BUCKET without teeth	-	-	-	5 (11)
BOLTED COUNTERBLADE – 7 boreholes - center-to-center borehole distance 380 mm (1'25")	2520 (8'3")	-	-	71 (160)
KIT DE RACCORDMENT	-	-	-	8 (18)

PALLET FORK

TYPE	Specifications	WEIGHT kg (lb)
PALLET FORK	to be used with 4 safety valves	410 (905)

DITCHING BUCKET

TYPE	Specifications	WIDTH mm (in)	VOLUME l (yd³)	WEIGHT kg (lb)
DITCHING BUCKET 1 COUPLING		2000 (6'7")	590 (0.77)	509 (1,120)
BOLTED COUNTER BLADE - Jagged	borehole center-to-center distance 185 mm (0'61")	2000 (6'7")	-	38 (85)
BOLTED COUNTER BLADE	borehole center-to-center distance 185 mm (0'61")	2000 (6'7")	-	57 (125)

HANDLING PLATE AND HAMMER PLATE

TYPE	Specifications	WEIGHT kg (lb)
HANDLING PLATE with hook	to be used with 3 safety valves	122 (270)

HANDLING JIB

TYPE	Specifications	WEIGHT kg (lb)
HANDLING JIB	length 4100 mm (13'5"), lifting capacity 500 Kg (1,100 lb) to be used with 4 safety valves	177 (390)

CLAMSHELL BUCKET SUPPORT

TYPE	Specifications	WEIGHT kg (lb)
CLAMSHELL BUCKET SUPPORT	-	124 (275)

RIPPER TOOTH

TYPE	Specifications	WEIGHT kg (lb)
RIPPER TOOTH	-	293 (650)

HAMMER PLATE

TYPE	Specifications	WEIGHT kg (lb)
HAMMER PLATE no boreholes	-	139 (305)
HAMMER PLATE with boreholes	contact your dealer	136 (300)

TECHNICAL DATA

WEIGHT DATA

In running order, with blade, with 75 kg operator, fuel tank full, 500 mm steel tracks, without optional equipment, with digging bucket 1000 mm	14780Kg
In running order, with blade, with 75 kg operator, fuel tank full, 500 mm steel tracks, two-piece boom with offset, heavy counterweight, with digging bucket 1000 mm	15430Kg

ENGINE

Turbocharged engine with chilled air inlet (stage 4)	EGR valve and catalytic
Diesel 4 in-line cylinders	DEUTZ TCD 3,6 L4
Horsepower (DIN 70020) and Engine speed	100 kW (134hp) at 2300 rpm
Max. torque	500 N.m at 1600 rpm (370 ft.lbf at 1600 rpm)
Cubic capacity	3621 cm ³ (221 in ³)
Cooling	water
Air filterdry, cartridge (with clogging indicator in the cabin)	•
Fuel consumption (depending on operating conditions)	8 at 14 l/h
Sound power level (LWA)	101 dB(A)
Fuel tank capacity	150 l

ELECTRICAL SYSTEM

Voltage	12 V
Batteries	1 x 95 Ah/800 A
Alternator	120 A
Starter	4 kW
Electric sockets sealed	•

CHASSIS

Central X chassis, crawler, travelling driven by two 2 speed (3 km/h and 6 km/h) travel motors with automatic brakes	•
Idler block with tension adjustment through greasing point, greased track links, front track guide, chassis lower protection	•

TRANSMISSION

Open-circuit hydrostatic transmission	•
Max. traction force	8300 daN (18,660 lbf)

TURRET

Full rotation 360°	•
Driven by internal crown slewing wheel	•
Swivel with hydraulic motor with brake	•
Rotation speed	10 rpm
Rotation torque	4500 daNm (28,000 ft.lbf)
Hydraulic engine	1260 cm ³ (77 in ³)
Max. pressure	260 bar (3,800 psi)
Shock absorber for progressive turret rotation, start and stop anks, capacity	•

CAB

Extremely comfortable panoramic cab without frame on the rear left side	ROPS and FOPS
Monocoque cab fastened to 4 spring posts	•
Front windshield partially or fully removable	under the cab roof
Sliding door	•
Opening door window	•
Position adjustable, seat adapts to the shape of the operator	seat adjustable in both height and width with seatbelt
Controls integrated into consoles located on either side of the seat and adjustable relative to the seat	•
Water heating system compliant with ISO 10263	high flow fan, high capacity for demisting and defrosting
Air conditioning	•
Controls assisted by ergonomic, proportional control levers	•
7" color SCREEN combining safety and monitoring information of the machine functions	•
Fuel levels and coolant temperature indicated on the dashboard	•
Front working light	•
Rear storage area	refrigerated

ATTACHMENT

Mecalac variable range kinematics consisting of 4 parts: boom, adjustable boom, offset boom and dipperstick	enabling a angle of 140°
Standard right and left offset with a hydraulic cylinder	2.30 m (7ft 7in)/machine axis (with multipurpose Mecalac equipment)
End bearings equipped with sealing rings and greasing via the rings	•
CONNECT quick coupler	•

TECHNICAL DATA

HYDRAULIC SYSTEM	DATA
Variable displacement pump	maximum 130 cm ³ (max. 8 in ³)
Maximum flow rate	270 l/min
Maximum working pressure	350 bar (5,080 psi)
Proportional Load Sensing with individual balancing of each element: boom, adjustable boom, dipper stick, bucket and ancillary	•
Proportionality of functions always achieved irrespective of the pressure level of each element: "flow sharing"	•
Anti-cavitation overpressure relief valve in each element	•
Hydraulically-assisted proportional function controls using joystick or foot pedals supplied at low pressure with emergency accumulator	•
Associated functions controlled by solenoid-operated valves	•
Attachments circuit	standard
- Max. flow rate	180 l
- Adjustable flow rate to the monitor	•
- Proportional function	•
Hydraulic oil	122 l

OPERATING MODES

STANBY MODE

- Deactivation of the engine speed control
- Set engine rpm into idle
- Lock hydraulic and electrical controls
- Screen display in Economy Mode

ECO MODE

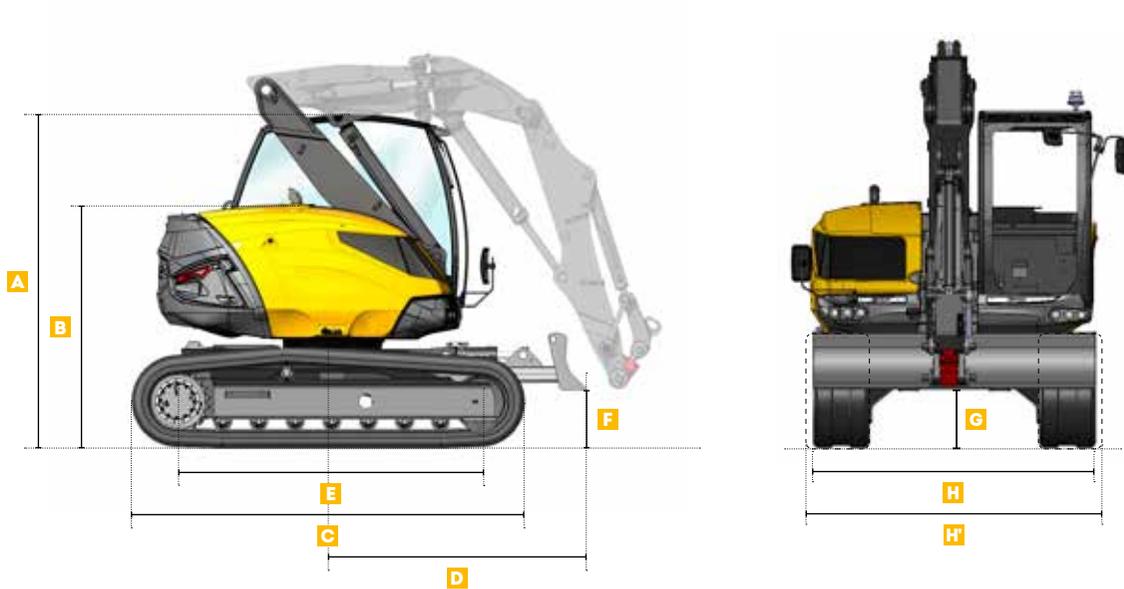
- Engine speed and power curves optimized for the best compromise between performance and fuel consumption.
- Turret rotation and dipperstick control with the left control lever
- Bucket and intermediate boom or boom control with the right control lever
- Operating the excavator in ISO mode
- Immediate use of auto-idle function
- Screen display in Working Mode

POWER MODE

- Use of the engine full power
- Turret rotation and dipperstick control with the left control lever
- Bucket and intermediate boom or boom control with the right control lever
- Operating the excavator in ISO mode
- Immediate use of auto-idle function
- Screen display in Working Model

TECHNICAL DATA

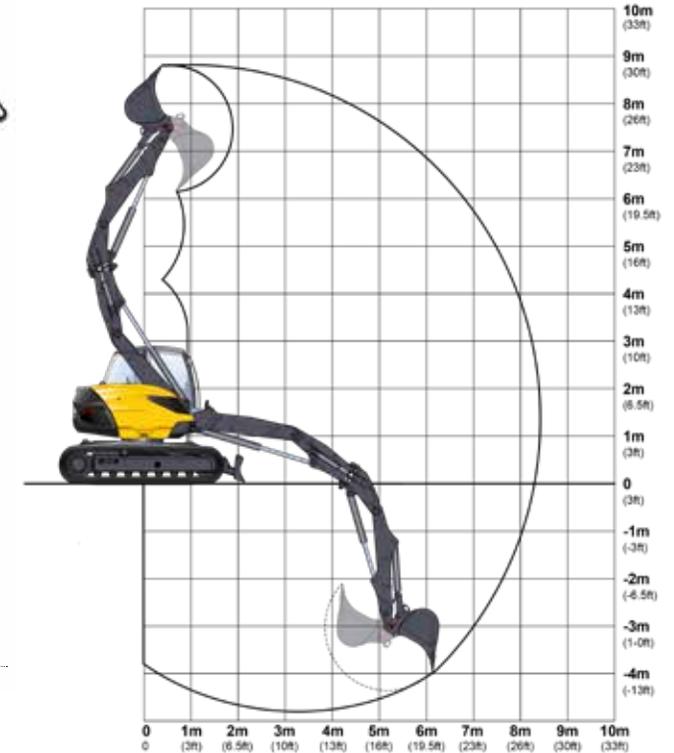
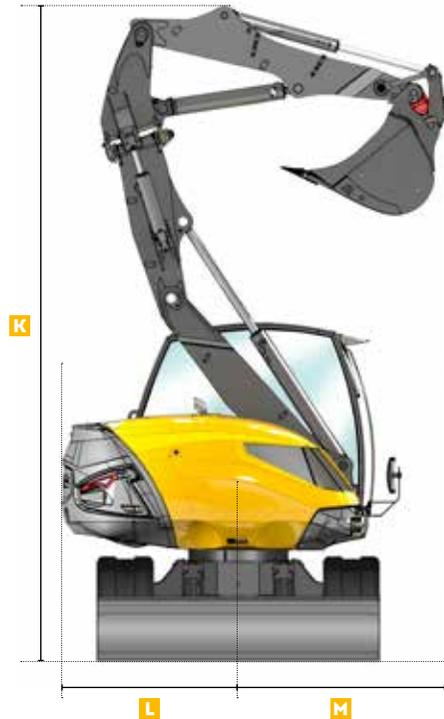
COMMON TO ALL BOOM KINEMATICS



MACHINE DIMENSIONS	COMMON TO ALL BOOM KINEMATICS
A Cab height (without attachment)	2940 mm
B Hood top height	2140 mm
C Overall length of tracks	3140 mm
D Overhang of lower frame on blade side	2265 mm
E Distance between tumbler	2700 mm
F Height under blade raised	500 mm
G Ground clearance under frame	485 mm
H Width with 500 mm tracks	2500 mm
H' Width with 600 mm tracks	2600 mm

TECHNICAL DATA

MECALAC VERSATILE ATTACHMENT



MACHINE DIMENSIONS		MECALAC VERSATILE ATTACHMENT	
I	Overall length with attachment	4640 mm	
J	Overall height of structures	3480 mm	
K	Height in swing position	5711 mm	
L	Tail swing radius	1570 mm	
M	Minimal front radius	1845 mm	

PERFORMANCE DIGGING BUCKET	
Break-out force	8170 daN
Penetration/Tear-out force	5500 daN
Maximum reach	8300 mm
Maximum digging depth	4730 mm

LIFTING FORCE WITH LOADING HOOK - WITH BLADE ON GROUND

All the weights are given in kg .

	FRONT		SIDE		FRONT		SIDE	
		3M		4,5M		6M		
3M	8000	8000	6600	4400	4600	2200		
0M	8000	8000	8000	3400	5200	2000		
-15M	8000	8000	8000	3300	3900	1900		

LIFTING FORCE WITH LOADING HOOK - WITH BLADE RAISED

All the weights are given in kg .

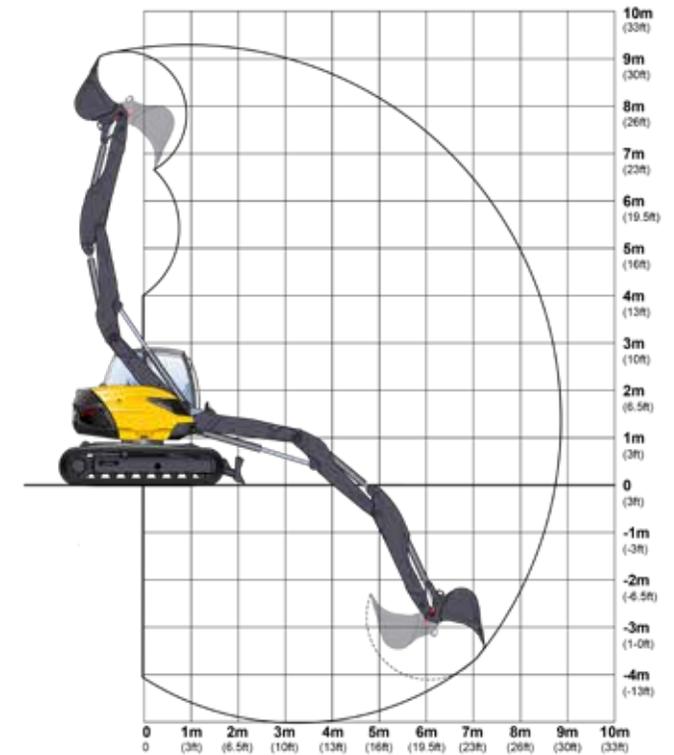
	FRONT		SIDE		FRONT		SIDE	
		3M		4,5M		6M		
3M	8000	6500	4600	3400	2400	1700		
0M	8000	6000	3700	2600	2200	1500		
-15M	8000	4500	3700	2300	2100	1400		

WORKING CONDITIONS AT LIFTING HOOK

- On horizontal, compact ground
- Equipment used without offset
- Without tools (bucket, shovel...) with handling plate and loading hook of 8 T
- 75% of the tipping load or 87% of the hydraulic capacity
- Maximum values determined for optimal position of boom and cylinders

TECHNICAL DATA

TWO-PIECE BOOM ATTACHMENT



MACHINE DIMENSIONS TWO-PIECE BOOM ATTACHMENT

I	Overall length with attachment	4640 mm
J	Overall height of structures	3550 mm
K	Height in swing position	5950 mm
L	Tail swing radius	1570 mm
M	Minimal front radius	1420 mm

LIFTING FORCE WITH LOADING HOOK - WITH BLADE ON GROUND

All the weights are given in kg.

	FRONT		SIDE		FRONT		SIDE		FRONT		SIDE	
	3M		4,5M		6M		7,5M		3M		4,5M	
3M	8000	8000	6500	4400	4600	2300	3300	1400				
0M	8000	8000	8000	3500	5400	2000	2800	1300				
-15M	8000	8000	8000	3200	4100	1900						

WORKING CONDITIONS AT LIFTING HOOK

- On horizontal, compact ground
- Equipment used without offset
- Without tools (bucket, shovel...) with handling plate and loading hook of 8 T
- 75% of the tipping load or 87% of the hydraulic capacity
- Maximum values determined for optimal position of boom and cylinders

PERFORMANCE DIGGING BUCKET

Break-out force	8170 daN
Penetration/Tear-out force	6200 daN
Maximum reach	8800 mm
Maximum digging depth	4980 mm

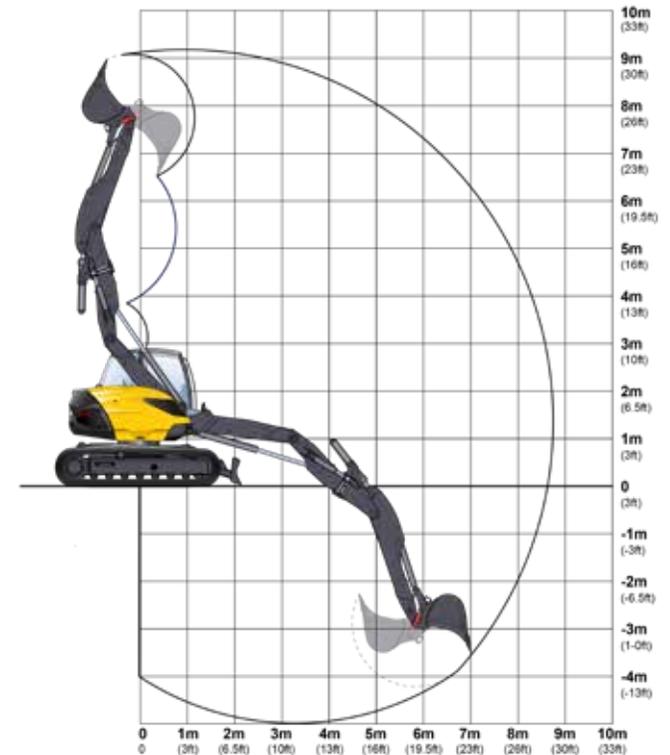
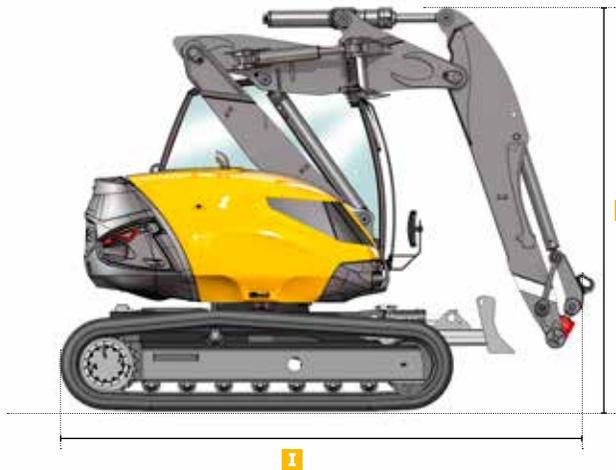
LIFTING FORCE WITH LOADING HOOK - WITH BLADE RAISED

All the weights are given in kg.

	FRONT		SIDE		FRONT		SIDE		FRONT		SIDE	
	3M		4,5M		6M		7,5M		3M		4,5M	
3M	8000	6600	4700	3500	2400	1700	1500	1000				
0M	8000	6000	3800	2700	2200	1500	1400	900				
-15M	8000	4700	3600	2400	2100	1400						

TECHNICAL DATA

OFFSET TWO-PIECE BOOM ATTACHMENT



MACHINE DIMENSIONS

	OFFSET TWO-PIECE BOOM ATTACHMENT
I Overall length with attachment	4640 mm
J Overall height of structures	3550 mm
K Height in swing position	5950 mm
L Tail swing radius	1570 mm
M Minimal front radius	1420 mm

LIFTING FORCE WITH LOADING HOOK - WITH BLADE ON GROUND

All the weights are given in kg ..

	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE
	3M		4,5M		6M		7,5M	
3M	8000	8000	6400	4400	4500	2500	2900	1300
0M	8000	8000	8000	3400	5200	1900	2700	1200
-15M	8000	8000	8000	3000	4000	1800		

WORKING CONDITIONS AT LIFTING HOOK

- On horizontal, compact ground
- Equipment used without offset
- Without tools (bucket, shovel...) with handling plate and loading hook of 8 T
- 75% of the tipping load or 87% of the hydraulic capacity
- Maximum values determined for optimal position of boom and cylinders

PERFORMANCE DIGGING BUCKET

Break-out force	8170 daN
Penetration/Tear-out force	6200 daN
Maximum reach	8700 mm
Maximum digging depth	4880 mm

LIFTING FORCE WITH LOADING HOOK - WITH BLADE RAISED

All the weights are given in kg

	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE	FRONT	SIDE
	3M		4,5M		6M		7,5M	
3M	8000	6500	4700	3400	2500	1700	1400	900
0M	8000	5900	3600	2500	2100	1400	1300	800
-15M	8000	4400	3400	2200	2000	1300		

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