MECALAC

SKID-EXCAVATORS high-speed

# 6MCR/8MCR/10MCR


> Experience of your worksite

SKID-EXCAVATORS high-speed

# 6MCR
# 8MCR
# 10MCR

# WORK BETTER

Developments and the attention paid to changes in the needs of the professionals who create our urban landscapes have been at the heart of Mecalac's preoccupations since the company was founded. By combining an excavator and a compact loader in the same machine the MCR embodies these values and represents a revolution in the way sites are approached.
Our goal: to modernise work methods and contribute to your sites' productivity by designing the most suitable equipment.

### MECALAC VERSATILE EQUIPMENT

✔ Lifting control (boom cylinder) with the right control lever

### AUXILIARY LINE WITH PROPORTIONAL CONTROL (2nd LINE POSSIBLE AS OPTION)

### ACTIVE LOCK QUICK COUPLING

Fast accessory changes

✔ ***Performance***
✔ ***Safety***
✔ ***Simplicity***

### EXCELLENT VISIBILITY THROUGH 360°

### TRAVELLING WITH THE CONTROL LEVER

✔ Easy to drive
✔ Intuitive controls

### RANGE OF ACCESSORIES

✔ Skid bucket, standard loader bucket and 4x1 bucket
✔ Forks
✔ Hydraulic accessories

### TRANSMISSION OF FORCE TO THE CHASSIS

✔ Loader configuration
✔ No constraints on the equipment,
✔ Operator comfort
✔ Efficiency when gathering materials, levelling

### DUAL SENSO DRIVE

✔ Triangular roller tracks
✔ Double hydrostatic transmission closed circuit and automotive regulation
✔ ***Max speed 10 kph***

**100% Loader**

**6MCR** 5,7 t
55kW (75hp)

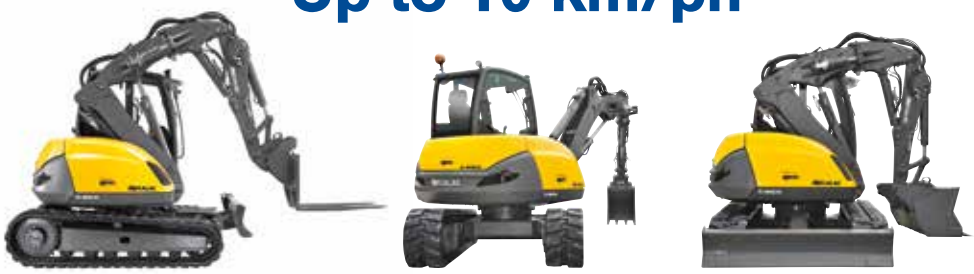
**8MCR** 7,2 t / 7,6 t*
55kW (75hp)

**10MCR** 9,4 t / 10 t*
74kW (100hp)

* depending on configuration

# 100% Excavator

## Up to 10 km/ph



### MECALAC VERSATILE EQUIPMENT

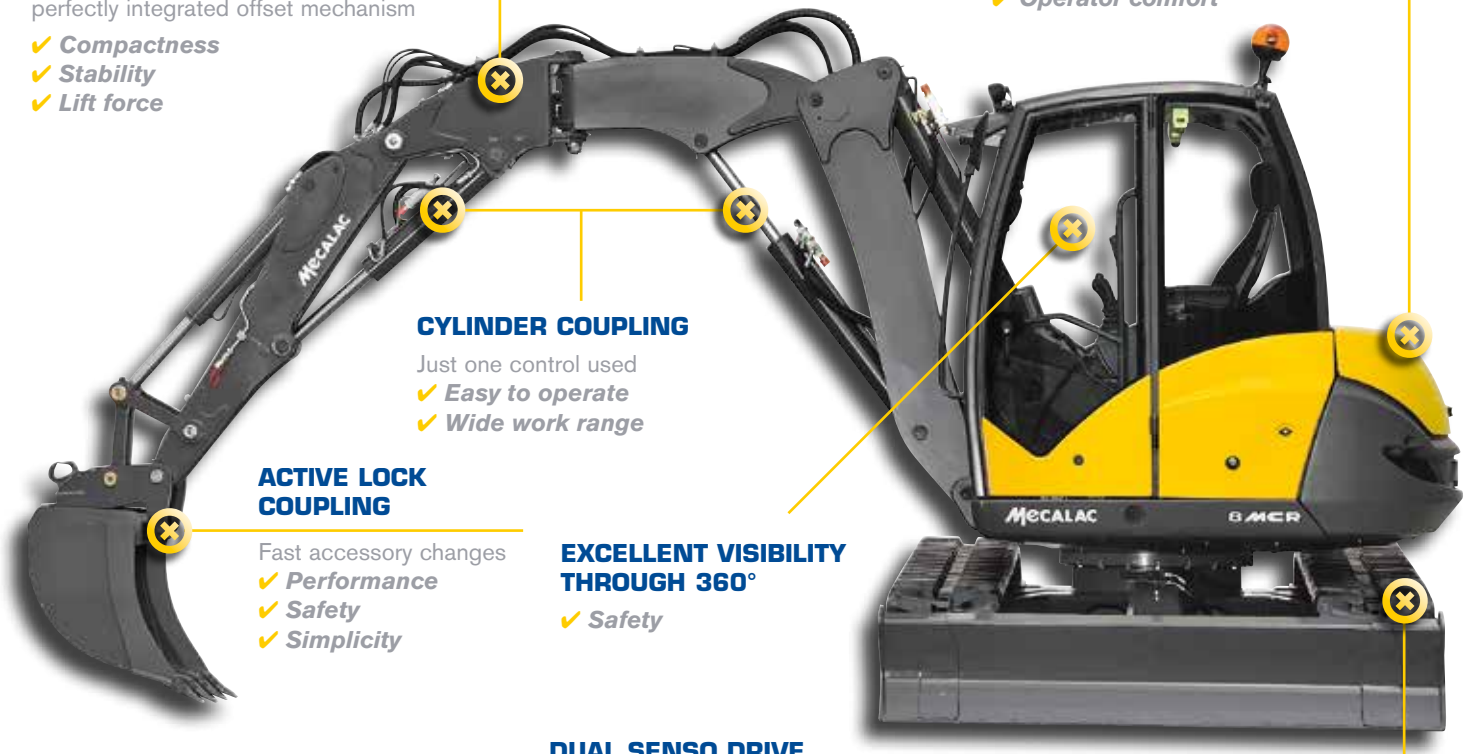
Variable range, boom travel 140°, perfectly integrated offset mechanism

- ✔ *Compactness*
- ✔ *Stability*
- ✔ *Lift force*

### ACTIVE CONTROL
### Flow Sharing, Load Sensing

Proportionality and synchronisation of movements

- ✔ *Easy to operate*
- ✔ *Operator comfort*




### CYLINDER COUPLING

Just one control used

- ✔ *Easy to operate*
- ✔ *Wide work range*

### ACTIVE LOCK COUPLING

Fast accessory changes

- ✔ *Performance*
- ✔ *Safety*
- ✔ *Simplicity*

### EXCELLENT VISIBILITY THROUGH 360°

- ✔ *Safety*

### DUAL SENSO DRIVE

- ✔ Double closed circuit hydrostatic transmission
- ✔ *Maximum speed 10 kph*

Thanks to the ***ACTIVE LOCK***, quick coupling, accessories (back-hoe, ditching, loading buckets, forks, handling plates, etc.) can be changed in just a few seconds.
And the flexibility of the 8MCR goes much further since the auxiliary lines permit the use of a wide variety of hydraulic tools such as hammers, cutters, augers, concrete mixers, etc.

**Mecalac equipment** offers a reach between 0 and 7.40m*, enabling a trench to be opened beyond a wall or a slope thanks to the offset, to sand, load in the narrowest alleyways or lanes, the most difficult sites.

** depending on model*

SKID-EXCAVATORS high-speed

# 6MCR
# 8MCR
# 10MCR

# CROSS ALL OBSTACLES


**The speed and efficiency of the MCR when carrying out excavation works are matched by their accuracy for placing backfill or for handling pallets or materials.**

## COMPACTNESS

Mecalac has a strong tradition of pipe laying and cable installation expertise, the 6MCR, 8MCR and 10MCR contribute to this reputation.
Quick and accurate trench excavation, removal of materials for recycling, even in the narrowest streets, placing the sand bedding with the loader and laying pipes, there is no task that the inbuilt offset arm of the MCR cannot perform.

Even the largest sheeting can be lifted, moved and then set down smoothly and safely.
Its high speed up to 10 kph is available at all times and increases productivity significantly. Switching from one mode to another is immediate, tools can be changed very quickly with the Mecalac ***Active Lock***, and each manœuvre is made under complete control.

**Tree clearing, ditch cleaning, planting, pruning... the all-terrain 6MCR, 8MCR and 10MCR are the ideal machines for landscaping and related tasks.**


## EFFICIENCY

The equipment's lifting capabilities and versatility mean that it will have a thousand different uses for landscapers moving earth, preparing the ground, levelling or transporting pallets.
When fitted with an auger, putting up fences or planting trees becomes simple and effective. And if you need to load or move earth, you are at the controls of a compact loader. Take up your loader bucket and switch to loader mode.
Thanks to its powerful tractive force and low lift, the 8MCR can adapt to any terrain. Its uniquely compact design with folding equipment enables it to reach areas that are otherwise inaccessible, and also lends unsurpassed stability.
When rock filling, it supplies the force needed to move the largest rocks and the greatest precision to adjust their position.
When landscaping a swimming pool, you will appreciate its working range, the flexibility of the offset and of course its operating speed.

**Each worksite is unique and the MCR offer multiple solutions for adapting to working conditions without ever losing productivity.**

SKID-EXCAVATORS high-speed

**6MCR**
**8MCR**
**10MCR**

# ACCEPT MORE JOBS

**Trenching, battering, levelling, distributing pallets of materials... the MCR are the ideal machines for building sites and ensure optimum performance.**

## VERSATILITY

The boom of our drive train folds in to 140° to offer maximum stability associated with exceptional lifting performance. Do you have any doubts about the ability of your equipment to handle heavy loads? Then look forward to being surprised when you see how well the MCR carry out a full rotation with a load representing 40% of their own weight, you will be interested in its potential.

Extensive but often cluttered, building sites call for the use of a variety of machines able to adapt to unstable surfaces. They are therefore an ideal environment for the 6MCR, 8MCR and the 10MCR to fully demonstrate their **versatility**:

- Transport and deposit pallets at floor level or in a villa's foundations,
- Earthmoving and landscaping around constructions,
- Cleaning up building areas,

...and its **speed:**

- Work on platforms in loader mode with speed, precision and efficiency.



***Handling with forks below the ground level, this is unique for an excavator.***

**Their potentiel can now be utilized to perform the full range of tasks required on site. They have unrivalled performance and power and can travel at unprecedented speeds.**

## PERFORMANCE

Independent, powerful, fast when travelling also in work cycles, it can be used for all site work, and its versatility ensures that your sites are profitable.

***And when transporting your 6MCR or your 8MCR, a simple 6X4 or a tipper lorry are all you need.***

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**6MCR**
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**10MCR**

# SIMPLIFY YOUR WORK

**A selector enables you to choose the operating method using ISO standardised excavator or compact loader controls.**


## EASY AND EFFICENT

Familiarisation is instant and the single mode of operation thanks to grouped functions and the transformation into loader mode using the control lever.

The MCR can be controlled with remarkable precision with only one hand. The operator is comfortably seated inside a very spacious, well glazed cab, providing a perfect view and ensuring increased productivity and safety.

A new TFT colour screen makes the control panel very easy to use. Regardless of brightness, the operator can easily view all useful information: mode currently being used, speed, engine speed, number of hours, cylinder selected, safety features activated.

Fewer vehicle deployments means lower fuel consumption, less damage and ground compaction, less annoyance for local residents, fewer dangers for site workers and improved productivity because of fewer stoppages.

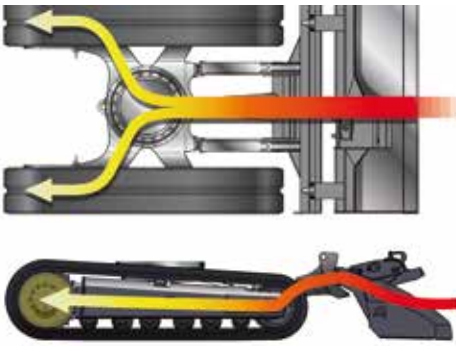
# LOAD
# WHEN YOU CHOOSE



## A TRUE LOADER

Loading is done with the loader bucket supported on the blade, two immediate benefits for your performance and for the longevity of your MCR:

- No constraints on the equipment
- Increased loading efficiency thanks to the force transmitted directly from the chassis to the bucket.



*Patented system for recovering the forces induced by the loader bucket pressing on the blade during the loading or stripping phase.*

### DUAL SENSO DRIVE

Efficient, accurate translational movement available at all times. This provides many advantages: simultaneous movements, speed of operation, operator comfort and efficiency.
The MCR can be converted into compact loaders in an instant, the time needed to change from one mode to the other with the selector.

**10 kph***, an exceptional speed, regardless of mode, considerably reduces the time spent travelling between the different parts of the site (material, pallet, accessory storage areas, earth-moving area, etc), a further guarantee of the efficiency of your work.

* depending on models

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# 6MCR 8MCR 10MCR TECHNICAL CHARACTER




| | | 6MCR | 8MCR | 10MCR |
|---|---|---|---|---|
| A | Overall length | 2763 mm | 3088 mm | 3274 mm |
| B | Overall height | 2772 mm | 2772 mm | 2970 mm |
| C | Machine height (without attachment) | 2582 mm | 2594 mm | 2657 mm |
| D | Cover height | 1598 mm | 1670 mm | 1730 mm |
| E | Rear overhang* | 1170 mm | 1250 mm | 1484 mm |
| F | Front overhang | 1680 mm | 1680 mm | 1789 mm |
| G | Width with 400 rubber tracks | 2030 mm | - | - |

| | | 6MCR | 8MCR | 10MCR |
|---|---|---|---|---|
| G | Width with 450 rubber tracks | - | 2110 mm | 2300 mm |
| H | Height below turret | 710 mm | 710 mm | 790 mm |
| I | Ground clearance | 300 mm | 300 mm | 340 mm |
| J | Counterweight range* | 1170 mm | 1250 mm | 1380 mm |
| K | Folded position height | 4131 mm | 4430 mm | 4890 mm |
| L | Minimum working diameter* | 2667 mm | 2660 mm | 3237 mm |
| M | Height with blade raised | 358 mm | 350 mm | 468 mm |

* For additional counterweight, add 100 mm on E, J and L

## WEIGHT

| | 6MCR | 8MCR | 10MCR |
|---|---|---|---|
| • Without load, in working order, without bucket, rubber tracks, with levelling blade, full tank of fuel and operator | 5700 kg | 7200/7600 kg* | 9400/10000 kg* |
| Additional counterweigh | 400 kg | 425 kg | 590 kg* |
| Ground Pressure | 0,32 kg/cm² | 0,31 kg/cm² | 0,37 kg/cm² |

## ENGINE

| | 6MCR | 8MCR | 10MCR |
|---|---|---|---|
| Turbo charged engine with intercooler, EGR valve and catalytic converter (DOC), complying with standard | TIER 4i / STAGE IIIB | TIER 4i / STAGE IIIB | TIER 4i / STAGE IIIB |
| - Brand | DEUTZ | DEUTZ | DEUTZ |
| - Type | TD 2,9 L4 | TCD 2,9 L4 | TCD 3,6 L4 |
| - Diesel | 4 in-line cylinders | 4 in-line cylinders | 4 in-line cylinders |
| - Horsepower (DIN 70020) | 55kW (75hp) | 55kW (75hp) | 74kW (100hp) |
| - Engine speed | 2,000 rpm | 2,000/2,300 rpm | 2,100/2,200 rpm |
| - Max. torque | 260 Nm at 1,800 rpm | 300 Nm at 1,600 rpm | 415 Nm at 1,600 rpm |
| - Cubic capacity | 2,900 cm³ | 2,900 cm³ | 3 600 cm³ |
| - Cooling | water | water | water |
| - Air filter | Cyclonic, dry, cartridge | Cyclonic, dry, cartridge | Cyclonic, dry, cartridge |
| - Fuel consumption (depending on operating conditions) | 8 to 9 l/h | 8 to 9 l/h | 8 to 11 l/h |
| - External sound level | 99 dB(A) | 99 dB(A) | 101 dB(A) |

## ELECTRICAL CIRCUIT

| | 6MCR | 8MCR | 10MCR |
|---|---|---|---|
| • Batteries | 12 V (175 A) | 12 V (175 A) | 12 V (175 A) |
| • Voltage | 12 V | 12 V | 12 V |
| • Alternator | 12 V (95 A) | 12 V (95 A) | 12 V (95 A) |
| • Starter | 12 V ( 2.6 kW) | 12 V ( 2.7 kW) | 12 V ( 2.7 kW) |

* depending on configuration

## UNDERCARRIAGE

| | 6MCR | 8MCR | 10MCR |
|---|---|---|---|
| • Central X frame chassis. Triangular beams | | | |
| • Rubber tracks, width | 400 mm | 450 mm | 450 mm |
| • Travelling rollers/Support roller | 5/1 | 6/1 | 6/1 |
| • Chain tension: sprung shock absorber with grease stress chamber. | | | |
| • Levelling blade actuated by a cylinder with safety valve. | | | |
| - Width | 2030 mm | 2100 mm | 2300 mm |
| - Height | 330 mm | 423 mm | 420 mm |
| - Lift height/ground | 358 mm | 377 mm | 468 mm |
| - Max. depth underground | 340 mm | 327 mm | 248 mm |

## TRANSMISSION

| | 6MCR | 8MCR | 10MCR |
|---|---|---|---|
| • Closed circuit hydrostatic transmission ***SENSO DRIVE*** | | | |
| • Transmission hydraulics: 1 dual variable displacement pump, automotive power control. | | | |
| - Flow rate | 2x90 l/min | 2x100 l/min | 2x105 l/min |
| - Maximum pressure | 360 bar | 360 bar | 360 bar |
| - 2 x 2 speed gear motors with automatic brakes. | | | |
| • Foot pedal control in excavator mode. | | | |
| • Control lever control in compact loader mode. | | | |
| - Tractive force | 4000 daN | 5400 daN | 6800 daN |
| - Travelling speed Range I | 5.5 kph | 5.0 kph | 4.5 kph |
| Range II | 10.0 kph | 10.0 kph | 9 kph |

## HYDRAULIC SYSTEM

| | 6MCR | 8MCR | 10MCR |
|---|---|---|---|
| **Attachment and rotation circuit** | | | |
| • Variable displacement pump: | 45 cm³ | 63 cm³ | 75 cm³ |
| • ***ACTIVE CONTROL*** power control | | | |
| - "Load Sensing - Flow Sharing" type LUDV main control valve block, proportionality of functions maintained regardless of the pressure level in individual elements. | 7SX12 | 7SX14 | 7SX14 |
| Maximum flow rate | 90 l/min | 126 l/min | 160 l/min |
| Maximum working pressure | 280 bar | 280 bar | 300 bar |
| **Standard accessory line** | | | |
| Maximum flow available | 90 l/min | 90 l/min | 140 l/min |
| Minimum flow available | 20 l/min | 20 l/min | 35 l/min |

- Flow can be set via control panel (factory setting : 80 l/min)
- Pressure can be set between 120 and 280 bar (factory setting : 180 bar)
- Proportional hydraulic control of the attachment integrated on right-hand joystick

**Extra accessory line (diverted from offset cylinder)**

| | | | |
|---|---|---|---|
| Max. flow available | 30 l/min | 30 l/min | 30 l/min |

- Flow can be set via control panel (factory setting : 30 l/min)
- Pressure max. 280 bar fixed
- Proportional hydraulic control of the attachment integrated on right-hand joystick

**Operating modes**

- **EXCAVATOR MODE** enables the machine to be operated like an excavator:

- Turret rotation and dipperstick control with the left control lever,
- Bucket and intermediate boom or boom control with the right control lever
- Travelling control using foot pedals.

- The **COMPACT LOADER MODE** enables the machine to be operated like a tracked compact loader:

- Travelling and counter rotation with the left control lever.
- Lifting (intermediate boom) and bucket controlled with the right control lever.
- Rotation "recovery" capability with the left control lever.

**Other hydraulic functions:**

- The **cylinder coupling** function simultaneously combines the movements of the dipper and intermediate boom cylinders to enable operation exactly like an excavator with one-piece boom.
- The **bucket direction inversion** function enables the operator to invert controls of the bucket cylinder with the right control lever to simulate the manoeuvring direction of a loader.

## TURRET

| | 6MCR | 8MCR | 10MCR |
|---|---|---|---|

- Full rotation 360°.
- Slewing by slow hydraulic motor with automatic braking assured by discs equipped with anti-bounce pressure relief valve.
- Driven by internal crown slewing wheel.

| | | | |
|---|---|---|---|
| • Rotation speed | 10 rpm | 10 rpm | 10 rpm |
| • Rotation torque | 1330 daNm | 1690 daNm | 2125 daNm |

**Capacities**

| | | | |
|---|---|---|---|
| • Hydraulic oil tank | 60 l | 65 l | 80 l |
| • Hydraulic oil circuit | 90 l | 115 l | 140 l |
| • Fuel | 73 l | 75 l | 105 l |
| • Cooling system | 18 l | 16 l | 16 l |

## EQUIPMENT

| | 6MCR | 8MCR | 10MCR |
|---|---|---|---|

- Mecalac variable range kinematics consisting of 4 parts: boom, intermediate boom, offset jib and dipperstick.
- Right and left offset by hydraulic cylinder. System enabling all penetration force to be conserved regardless of the angular position of the offset jib.

| | | | |
|---|---|---|---|
| • Left offset | 1150 mm | 1630 mm | 1630 mm |
| • Right offset | 1830 mm | 2030 mm | 2030 mm |

- Boom cylinder with endof travel shock absorber.
  - ***ACTIVE LOCK*** accessory coupling system
  - Take up with automatic mechanical locking and hydraulic safety overlocking.
  - Hydraulically-controlled unlocking.

**Equipment performance**

**Performance in excavator mode**

| | | | |
|---|---|---|---|
| • Max. penetration force | 2580 daN | 2800 daN | 3430 daN |
| • Max. digging force | 4170 daN | 4900 daN | 6000 daN |

**Performance in Compact loader mode**

| | | | |
|---|---|---|---|
| • Digging force | 2800 daN | 3600 daN | 4200 daN |

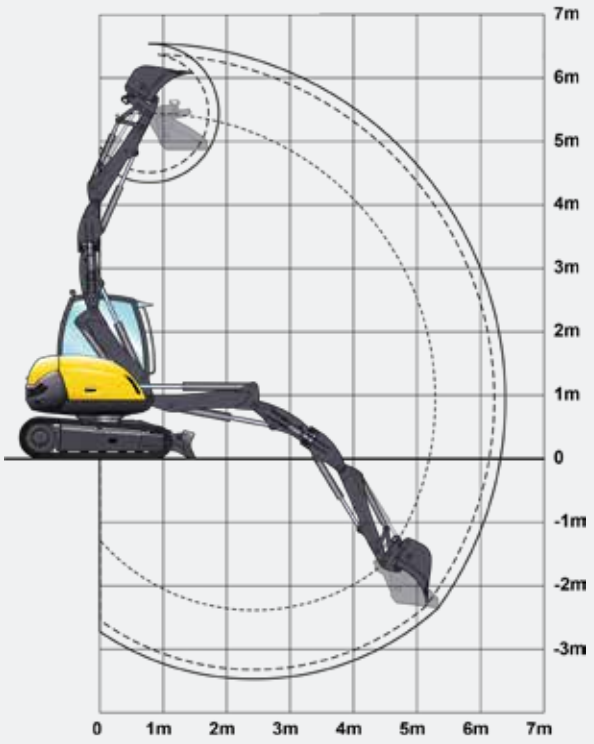
## CAB

- FOPS approved with guard
- ROPS approved
- Extremely comfortable panoramic cab
- Monocoque cab fastened to 4 spring posts
- Fully retractable front windscreen
- Seat can be set and adjusted to operator height and weight
- Water heating system compliant with ISO 1026
- Independent settings for control lever support consoles
- Controls assisted by ergonomic, proportional control levers
- Dial display of fuel level and coolant temperature
- Control panel including colour screen with automatic brightness and contrast setting
- Proportional hydraulic control of the attachment integrated on right-hand joystick
- One front working light
- Rear storage area
- Sound level in cab: 78db(A)
- Air-conditioning (option)
- Stereo USB radio (option)
- Heated and air suspended seat (option)

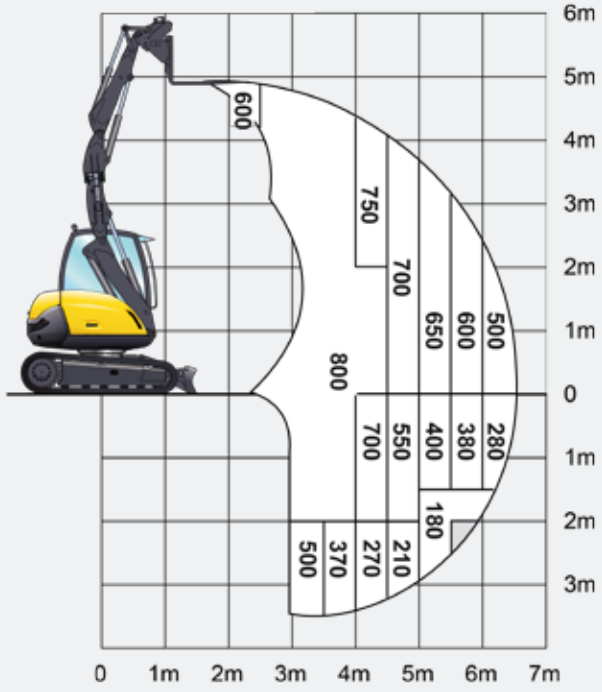
SKID-EXCAVATORS high-speed

**6MCR**

# TECHNICAL CHARACTERISTICS




| Bucket type | Width | Capacity | Weight | |
|---|---|---|---|---|
| **Digging bucket** | 350 mm | 85 l | 83 kg | 2 teeth |
| | 450 mm | 115 l | 92 kg | 3 teeth |
| | 600 mm | 160 l | 120 kg | 4 teeth |
| | 750 mm | 205 l | 134 kg | 5 teeth |
| | 900 mm | 250 l | 155 kg | 5 teeth |
| **"Skid" bucket** | 2030 mm | 450 l | 330 kg | |
| **4x1 "Skid" bucket** | 2030 mm | 420 l | 497 kg | |




## Lifting capacity

All the weights are given in kg. The calculations are carried out for the entire range of the Mecalac quick coupling.

| Lifting point height | Lifting point radius | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 2 m | | 3 m | | 4,5 m | | 5,5 m | |
| | 0° | 360° | 0° | 360° | 0° | 360° | 0° | 360° |
| 3,5 m | - | - | 1900<br>1580 | 2000<br>1580 | 1400<br>1190 | 900*<br>770 | - | - |
| 3 m | - | - | 2100<br>1640 | 2100<br>1570 | 1600<br>1220 | 940*<br>760 | - | - |
| 1,5 m | 3000<br>2810 | 3000<br>2810 | 3000<br>2000 | 2100*<br>1550 | 1700<br>1340 | 920*<br>700 | 1100<br>1090 | 550*<br>500 |
| 0 m | 3000<br>2550 | 3000<br>2550 | 3000<br>1980 | 2100*<br>1300 | 1700<br>1310 | 850*<br>650 | - | - |
| -1,5 m | 3000<br>2200 | 3000<br>2200 | 2700<br>1300 | 1800*<br>1250 | 1200<br>780 | 750*<br>620 | - | - |
| -2,5 m | 3000<br>2040 | 3000<br>2040 | 1600<br>1220 | 1600<br>1220 | - | - | - | - |

Working in longitudinal position on blade side  Working in transverse position

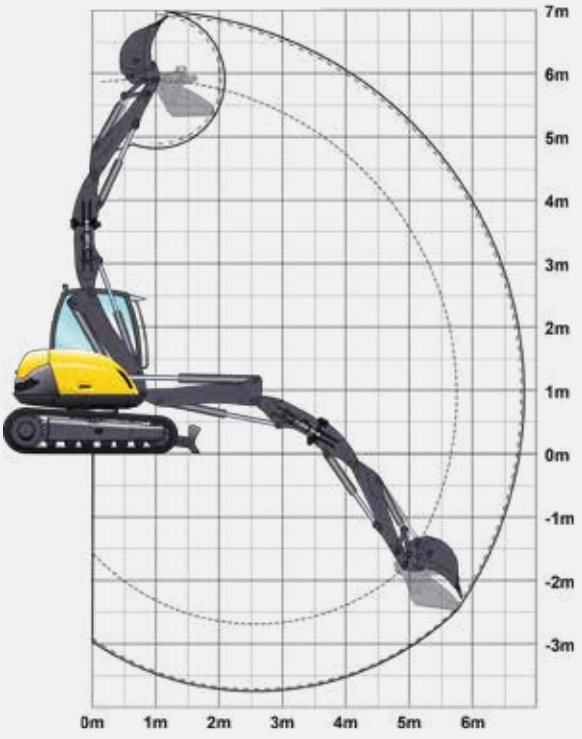
Lift capacities are in compliance with the ISO 10567. They do not exceed 87% of the hydraulic capacities or 75% of the minimum tipping load that can be lifted, on a firm, uniform supporting surface.
They are indicated for the Mecalac quick coupling lifting hook (3 tons), for the most unfavorable boom position, and with the blade on the ground.

Maximum load in kg for the area in optimum equipment configuration according to ISO 10567.

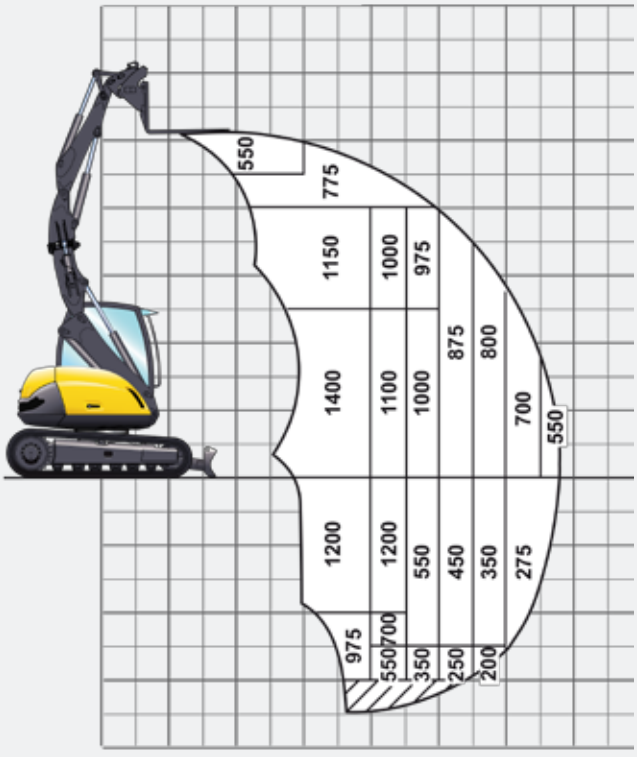
The lifting capabilities shown with an asterisk (*) are limited by the tipping load that can be lifted. Other values are limited by the hydraulic capabilities. The weight of the chain sling, bucket and other auxiliary lifting devices must be deducted from the nominal load to determine the load which can be lifted.

# TECHNICAL CHARACTERISTICS






| Bucket type | Width | Capacity | Weight | |
|---|---|---|---|---|
| **Digging bucket** | 350 mm | 105 l | 105 kg | 2 teeth |
| | 450 mm | 135 l | 122 kg | 3 teeth |
| | 600 mm | 195 l | 176 kg | 4 teeth |
| | 750 mm | 255 l | 197 kg | 5 teeth |
| | 900 mm | 315 l | 216 kg | 5 teeth |
| **"Skid" bucket** | 2100 mm | 530 l | 338 kg | |
| **Loader bucket** | 2100 mm | 434 l | 329 kg | |
| **4x1 bucket** | 2100 mm | 550 l | 520 kg | |




## Lifting capacity

All the weights are given in kg. The calculations are carried out for the entire range of the Mecalac quick coupling.

| Lifting point height | Lifting point radius | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2 m | | 3 m | | 4 m | | 5 m | | 6 m | |
| | 0° | 360° | 0° | 360° | 0° | 360° | 0° | 360° | 0° | 360° |
| 5 m | 3000<br>2000 | 3000<br>2000 | 2600<br>2000 | 2600<br>2000 | 1900<br>1600 | 1400*<br>1200 | | | | |
| 3 m | 2600<br>2600 | 2600<br>2600 | 2600<br>2100 | 2600<br>1950 | 1900<br>1600 | 1400*<br>1200 | 1800<br>1320 | 920*<br>770 | 1400<br>1100 | 600*<br>550 |
| 1,5 m | 3000<br>2800 | 3000<br>2800 | 3000<br>2100 | 2600*<br>1900 | 2600<br>1700 | 1400*<br>1100 | 1800<br>1300 | 880*<br>770 | 1400<br>1100 | 600*<br>550 |
| 0 m | 3000<br>2800 | 3000<br>2800 | 3000<br>2100 | 2500*<br>1650 | 2600<br>1800 | 1400*<br>1000 | 1800<br>1300 | 850*<br>700 | 1200<br>900 | 550*<br>500 |
| -1 m | 3000<br>2400 | 3000<br>2400 | 3000<br>2300 | 2400*<br>1500 | 2500<br>1500 | 1200*<br>950 | 1800<br>1100 | 780*<br>650 | 1000<br>750 | 500*<br>500 |
| -2 m | 3000<br>2000 | 3000*<br>2000 | 3000<br>1400 | 2100*<br>1400 | 2600<br>900 | 1150*<br>900 | 1400<br>650 | 730*<br>650 | 800<br>500 | 500*<br>500 |
| -3 m | 3000<br>2000 | 3000<br>2000 | 3000<br>1000 | 1900*<br>1000 | 1500<br>550 | 1050*<br>550 | 600<br>400 | 600<br>400 | | |

Working in longitudinal position on blade side  Working in transverse position

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Maximum load in kg for the area in optimum equipment configuration according to ISO 10567.

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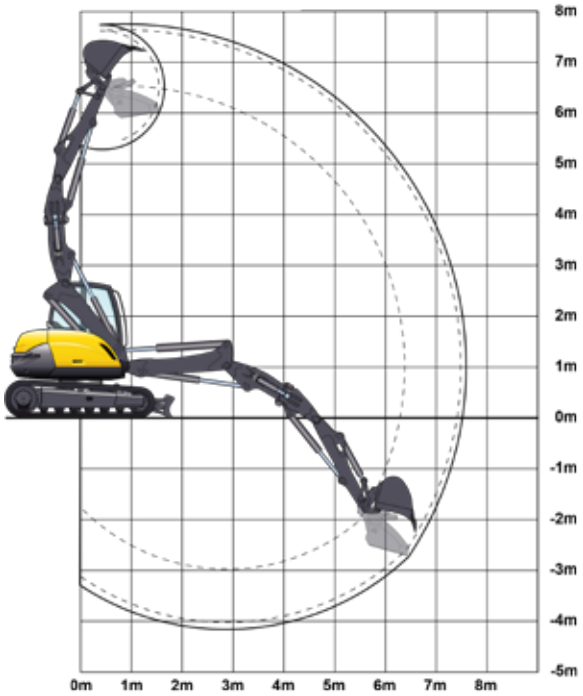
**10MCR**

# TECHNICAL CHARACTERISTICS

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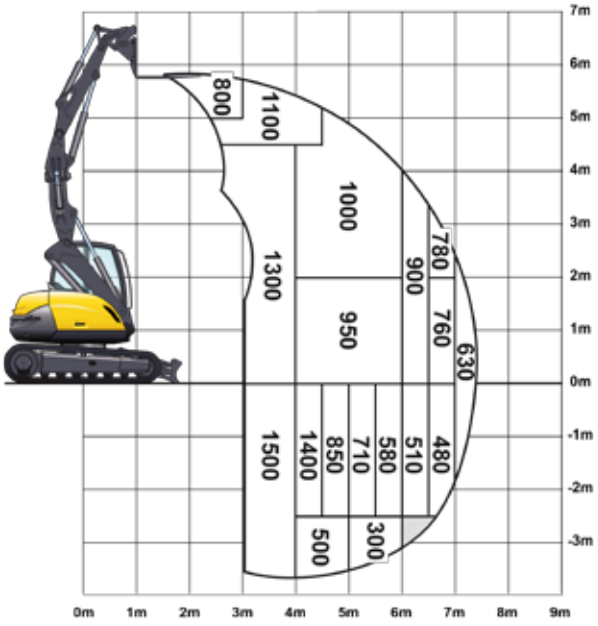
| | 450 mm | 180 l | 92 kg | 3 teeth |
| | 600 mm | 250 l | 120 kg | 4 teeth |
| | 750 mm | 325 l | 134 kg | 5 teeth |
| | 900 mm | 400 l | 155 kg | 5 teeth |
| **"Skid" bucket** | 2300 mm | 750 l | 430 kg | |
| **Loader bucket** | 2300 mm | 750 l | 420 kg | |
| **4x1 bucket** | 2300 mm | 750 l | 590 kg | |




## Lifting capacity

All the weights are given in kg. The calculations are carried out for the entire range of the Mecalac quick coupling.

| Lifting point height | Lifting point radius | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 2 m | | 3 m | | 4,5 m | | 6 m | |
| | 0° | 360° | 0° | 360° | 0° | 360° | 0° | 360° |
| 3 m | | | 3300<br>2930 | 3200<br>2930 | 2500<br>2250 | 1800*<br>1590 | 1800<br>1810 | 1000*<br>870 |
| 1,5 m | | | 4000<br>2770 | 3600<br>2770 | 2800<br>2440 | 1800*<br>1430 | 1800<br>1760 | 1000*<br>860 |
| 0 m | 4000<br>4000 | 4000<br>4000 | 4000<br>3610 | 3600*<br>2500 | 2800<br>2170 | 1800*<br>1240 | 1690<br>1380 | 900*<br>800 |
| -1,5 m | 4000<br>3940 | 4000<br>3940 | 2890<br>2250 | 3400*<br>2250 | 2470<br>1400 | 1500*<br>1190 | 1400<br>780 | 850*<br>780 |
| -2,5 m | 4000<br>4000 | 4000<br>4000 | 2630<br>1950 | 3100*<br>1950 | | | | |

Working in longitudinal position on blade side  Working in transverse position

Lift capacities are in compliance with the ISO 10567. They do not exceed 87% of the hydraulic capacities or 75% of the minimum tipping load that can be lifted, on a firm, uniform supporting surface.
They are indicated for the Mecalac quick coupling lifting hook (4 tons), for the most unfavorable boom position, and with the blade on the ground.

Maximum load in kg for the area in optimum equipment configuration according to ISO 10567.

The lifting capabilities shown with an asterisk (*) are limited by the tipping load that can be lifted. Other values are limited by the hydraulic capabilities. The weight of the chain sling, bucket and other auxiliary lifting devices must be deducted from the nominal load to determine the load which can be lifted.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