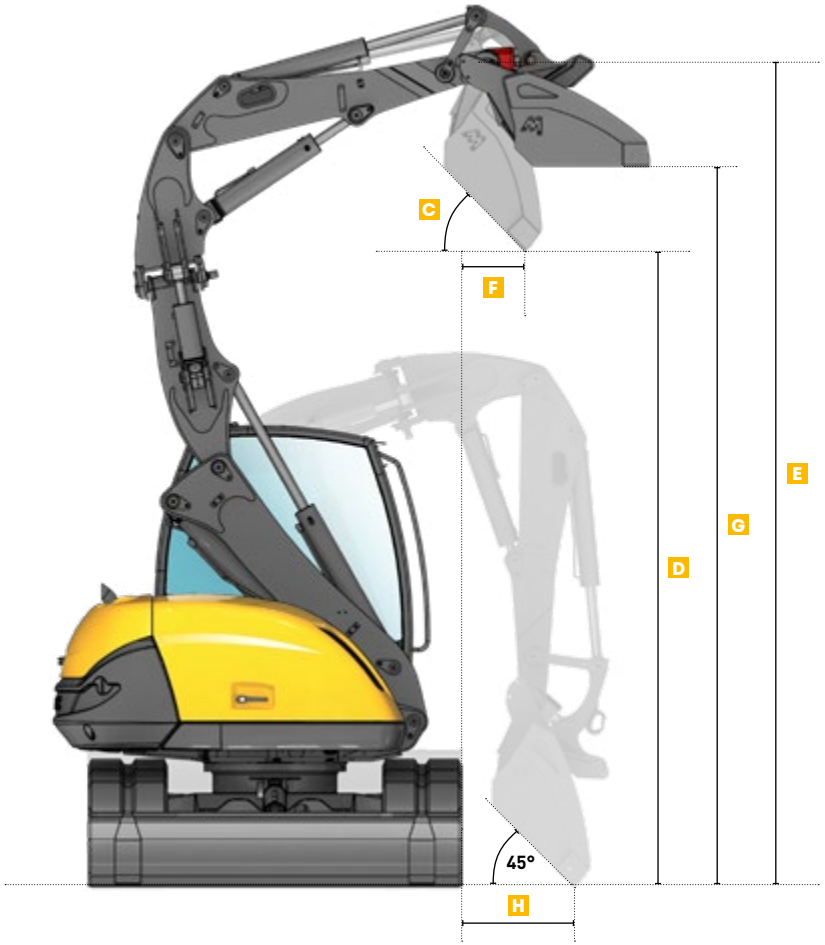
DIMENSIONS

	MACHINE DIMENSIONS	6MCR	8MCR	10MCR
A	Overall length	2831 mm (9'3")	3129 mm (10'3")	3344 mm (10'11")
B	Overall height	2660 mm (8'9")	2900 mm (9'6")	3250 mm(10'8")
C	Cab height (without attachment)	2623 mm (8'7")	2623 mm (8'7")	2708 mm (8'11")
D	Cab height (without attachment, with AC option)	2751 mm (9')	2751 mm (9')	2836 mm (9'3")
E	Cover height	1621 mm (5'4")	1648 mm (5'5")	1760 mm (5'9")
F	Rear overhang*	1170 mm (3'10")	1254 mm (4'1")	1385 mm (4'6")
G	Front overhang (without attachment)	1561 mm (5'1")	1724 mm (5'8")	1858 mm (6'1")
H	Tumbler distance (average length)	1880 mm (6'2")	2095 mm (6'11")	2270 mm (7'5")

	MACHINE DIMENSIONS	6MCR	8MCR	10MCR
I	Crossing angle	33°	34°	39°
J	Height with blade raised	330 mm (1')	374 mm (1'2")	470 mm (1'6")
K	Ground clearance	300 mm (1')	300 mm (1')	340 mm (1'1")
L	Width with tracks 400 mm (16in)	2030 mm (6'8")	2100 mm (6'10")	2300 mm (7'7")
L	Width with tracks 450 mm (18in)	-	2100 mm (6'10")	2300 mm (7'7")
M	Height below upperframe	710 mm (2'4")	710 mm (2'4")	760 mm (2'6")

*For additional counterweight, add 100 mm (3.9in).

LOADING



LOADER MODE, LOADING AND UNLOADING AT 45°, 3M (9'10"). HEIGHT

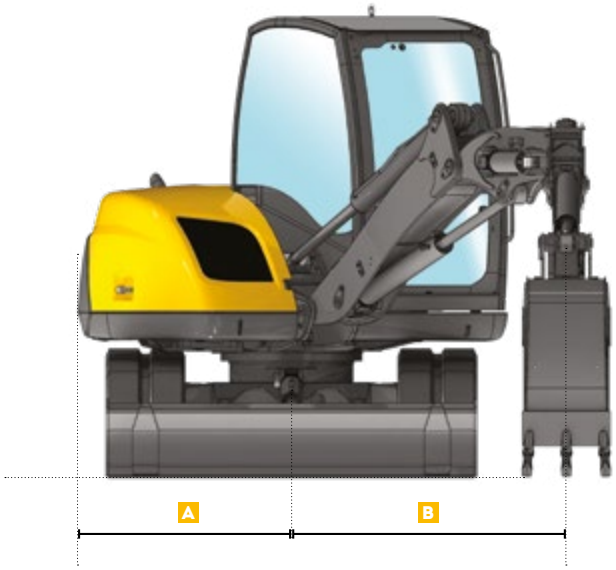
	MACHINE DIMENSIONS	6MCR	8MCR	10MCR
A	Digging angle	35°	37°	37°
B	Frontal unloading distance	100 mm (0'4")	335 mm (1'1")	608 mm (1'12")

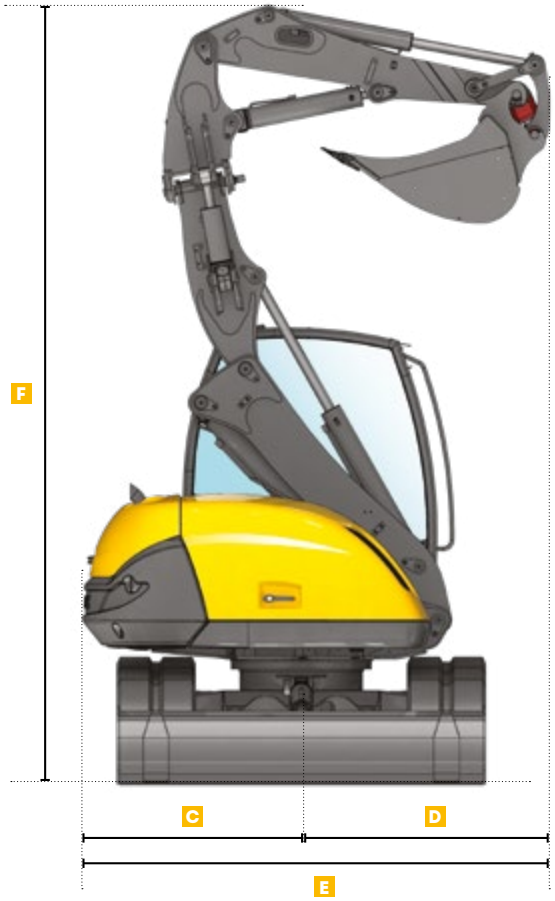
LOADER PERFORMANCE	6MCR	8MCR	10MCR
Digging force	2600 daN (5,850 lbf)	3300 daN (7,500 lbf)	4400 daN (9,900 lbf)

UNLOADING AT MAXIMUM HEIGHT IN LOADER MODE AND AT GROUND LEVEL AT 45°

	MACHINE DIMENSIONS	6MCR	8MCR	10MCR
C	Unloading angle, maximum height	50°	44°	47°
D	Unloading maximum height	3120 mm (10'3")	3571 mm (11'8")	3728 mm (12'3")
E	Quick coupler axle: maximum height	4196 mm (13'9")	4636 mm (15'2")	4930 mm (16'2")
F	Lateral unloading distance	325 mm (1')	348 mm (1'2")	633 mm (2')
G	Height of the bucket, horizontal	3612 mm (11'10")	4051 mm (13'3")	4265 mm (13'12")
H	Distance at crawlers	610 mm (2')	630 mm (2'0.8")	1140 mm (3'9")

DIGGING





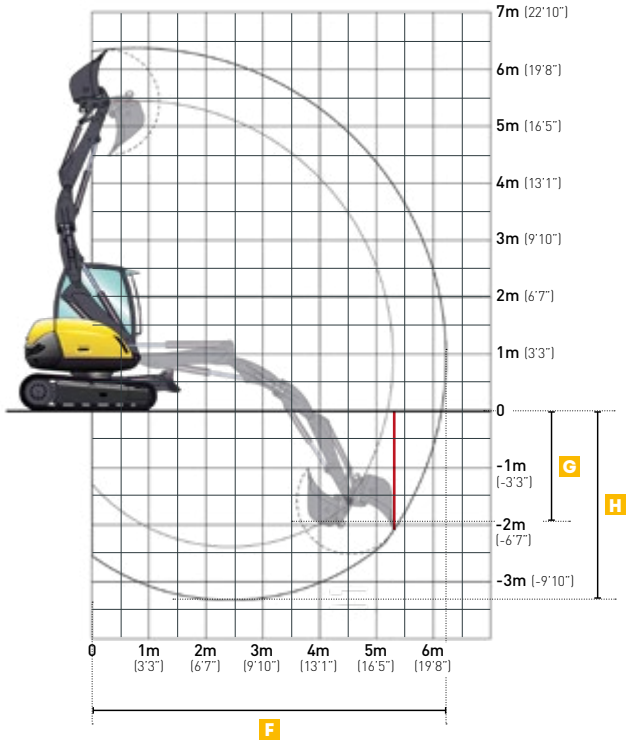
	MACHINE DIMENSIONS	6MCR	8MCR	10MCR
A	Outside dimension with maximum offset	1128 mm (3'8")	1207 mm (3'11")	1304 mm (4'3")
B	Maximum left offset	1382 mm (4'6")	1554 mm (5'1")	1775 mm (5'9")
B'	Maximum right offset	1824 mm (5'12")	1600 mm (5'3")	2034 mm (6'8")
C	Rear tail swing radius*	1170 mm (3'10")	1254 mm (4'1")	1385 mm (4'6")
D	Front radius	1438 mm (4'8")	1444 mm (4'9")	1881 mm (6'2")
E	Turning circle*	2608 mm (8'6")	2698 mm (8'10")	3266 mm (10'8")
F	Folded position height	4144 mm (13'7")	4430 mm (14'6")	4890 mm (16'1")

* For additional counterweight, add 100 mm (3.9in) on C and E.

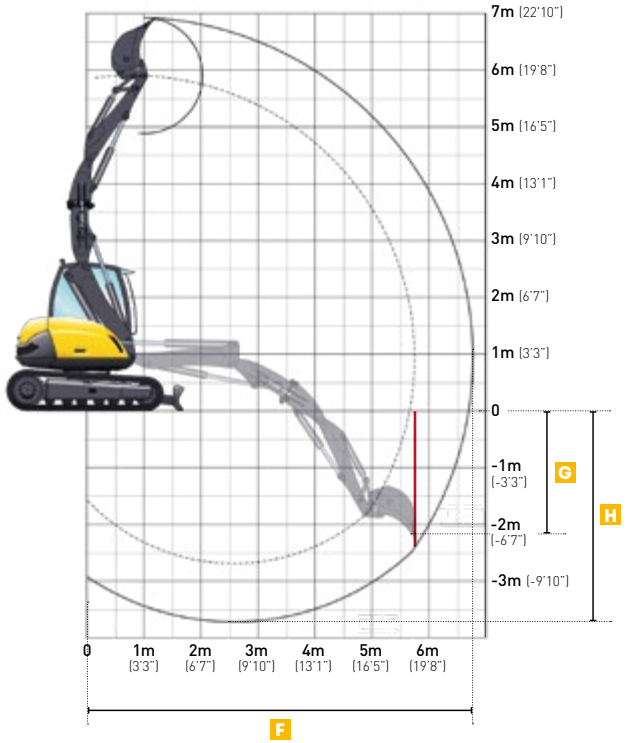
DIGGING PERFORMANCES	6MCR	8MCR	10MCR
Break-out force (max.)	4300 daN (9,666 lbf)	5000 daN (11,240 lbf)	6000 daN (13,500 lbf)
Penetration/Tear-out force (max.)	2500 daN (5,620 lbf)	2800 daN (6,300 lbf)	3400 daN (7,650 lbf)

DIGGING

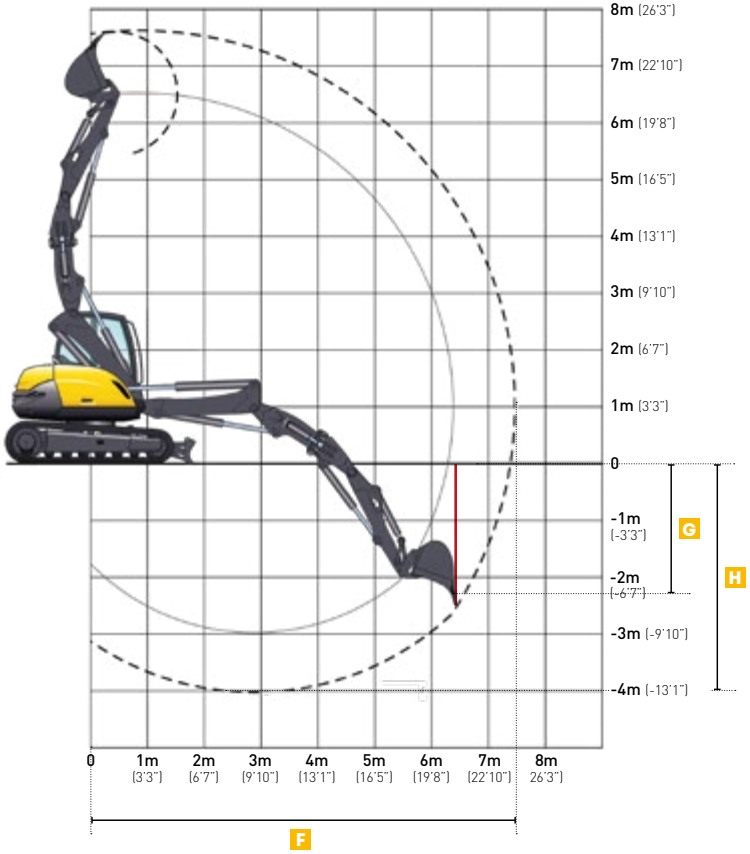
6MCR



8MCR



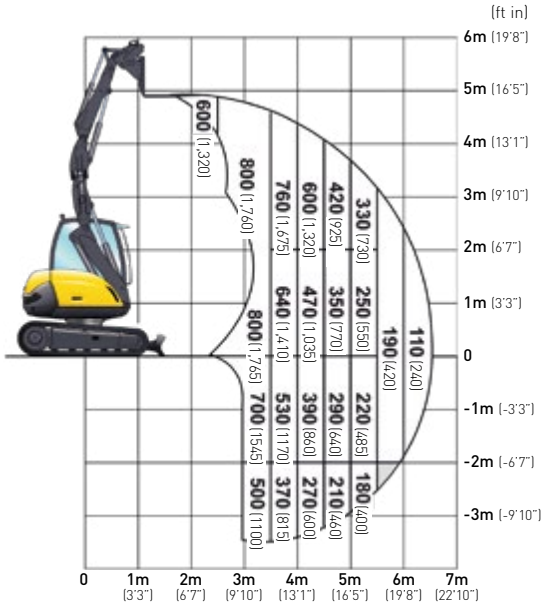
10MCR

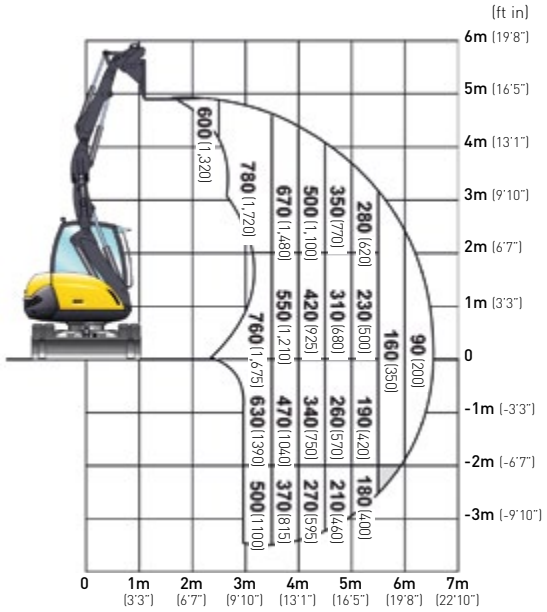


MACHINE DIMENSIONS	6MCR	8MCR	10MCR
F Maximum reach	6220 mm (20'5")	6750 mm (22'1")	7500 mm (24'7")
G Vertical digging depth maximum with standard bucket	1940 mm (6'4")	2160 mm (7'1")	2300 mm (7'6")
H Maximum digging depth	3300 mm (10'1")	3700 mm (12'1")	4000 mm (13'1")

LIFTING CAPACITIES WITH PALLET FORKS

All the weights are given in kg (lb). Calculations are carried out for the entire range of Mecalac quick couplers.





WORKING CONDITIONS

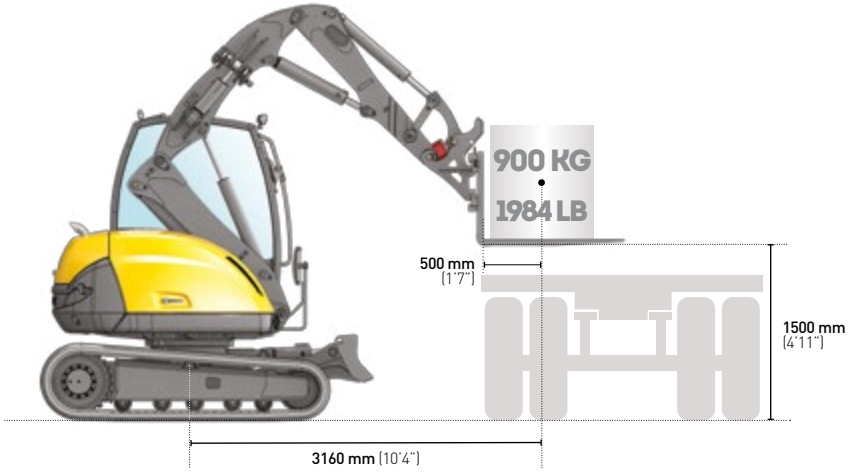
- On crawler, blade on the ground
- On horizontal, compact ground
- Boom and stick used without offset
- Equiped with pallet forks

ACCORDING TO ISO 10567

- Maximal 75% of the tipping load or 87% of the hydraulic capacity
- Maximum values determined for the most unfavorable position of boom and cylinders

LIFTING CAPACITIES WITH PALLET FORKS FROM 0 TO 1,5 M (5FT) HEIGHT

Boom and intermediate boom fully retracted, starting with pallet forks on the ground and lifting only with the adjustable boom (as a loader).



LIFTING CAPACITIES WITH LOADING HOOK

All the weights are given in kg (lb). Calculations are carried out for the entire range of Mecalac quick couplers.

	2M (7 ft)		3M (10 ft)		4.5M (15 ft)		5.5M (18 ft)	
3.5M (12 ft)	-	-	1750 (3,900)	1750 (3,900)	1220 (2,700)	790* (1,750*)	-	-
3M (10 ft)	-	-	2020 (4,500)	1800 (4,000)	1540 (3,400	790* (1,750*)	-	-
1.5M (5 ft)	3000 (6,600)	3000 (6,600)	2680 (5,900)	1910* (4,200*)	1660) (3,700)	800* (1,800*)	1090 (2,400)	500* 1,100*)
0 M	3000 (6,600)	3000 (6,600)	3000 (6,600)	1830* (4,000*)	1630) (3,600)	730* (1,600*)	-	-
-1.5M (5 ft)	3000 (6,600)	3000 (6,600)	2860 (6,300)	1560* (3,450*)	1400) (3,100)	650* (1,450*)	-	-
-2.5M (8 ft)	3000 (6,600)	3000 (6,600)	1650 (3,650)	1480 (3,300)	-	-	-	-

Working in longitudinal position on blade side

Working over the side or at 360°

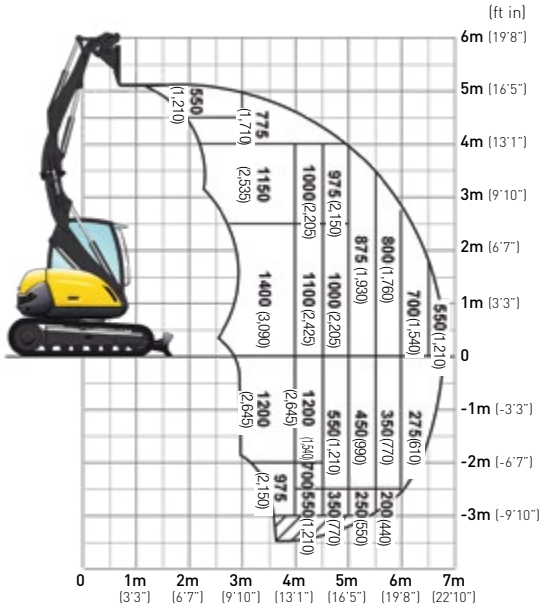
WORKING CONDITIONS

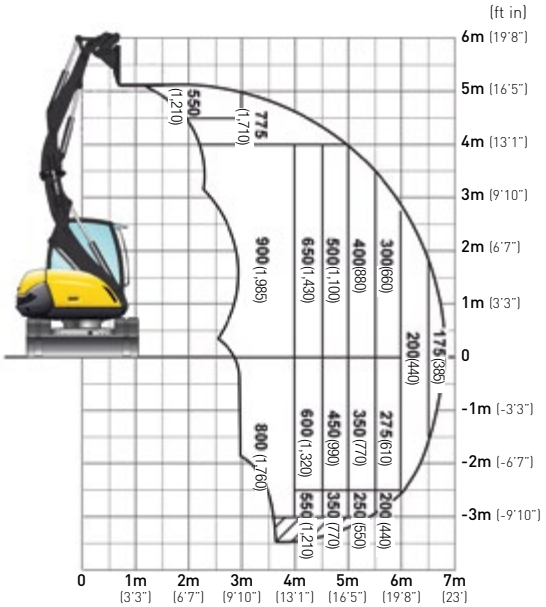
- On crawler, blade on the ground
- On horizontal, compact ground
- Boom and stick used without offset
- Without tools (bucket, shovel...) with handling plate and loading hook of 3 t (6,613 lb)
- Maximal 75% of the tipping load or 87% of the hydraulic capacity
- Maximum values determined for optimal position of boom and cylinders

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.

LIFTING CAPACITIES WITH PALLET FORKS

All the weights are given in kg (lb). Calculations are carried out for the entire range of Mecalac quick couplers.





WORKING CONDITIONS

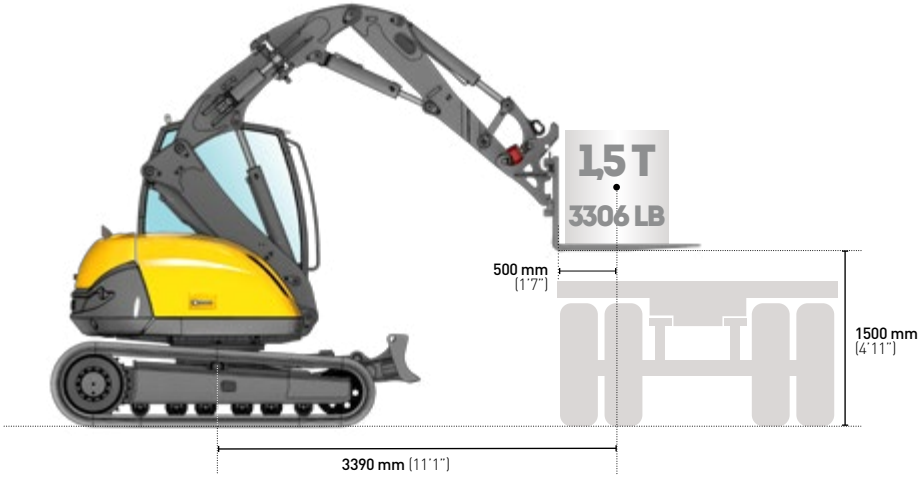
- On crawler, blade on the ground
- On horizontal, compact ground
- Boom and stick used without offset
- Equiped with pallet forks

ACCORDING TO ISO 10567

- Maximal 75% of the tipping load or 87% of the hydraulic capacity
- Maximum values determined for the most unfavorable position of boom and cylinders

LIFTING CAPACITIES WITH PALLET FORKS FROM 0 TO 1,5 M (5FT) HEIGHT

Boom and intermediate boom fully retracted, starting with pallet forks on the ground and lifting only with the adjustable boom (as a loader).



LIFTING CAPACITIES WITH LOADING HOOK

All the weights are given in kg (lb). Calculations are carried out for the entire range of Mecalac quick couplers.

	2M (7 ft)		3M (10 ft)		4.5M (15 ft)		6M (20 ft)	
5M (16 ft)	3000 (6,600)	3000 (6,600)	2600 (5,700)	2600 (5,700)	-	-	-	-
3M (10 ft)	2600 (5,700)	2600 (5,700)	2600 (5,700)	2600 (5,700)	1850 (4,100)	1100 (2,400)	1400 (3,100)	600* (1,300*)
1.5M (5 ft)	3000 (6,600)	3000 (6,600)	3000 (6,600)	2600* (5,700*)	2150 (4,740)	1050 (2,300)	1400 (3,100)	600* (1,300*)
0 M	3000 (6,600)	3000 (6,600)	3000 (6,600)	2500* (5,500*)	2100 (4,600)	1050 (2,300)	1200 (2,650)	550* (1,200*)
-1M (-3 ft)	3000 (6,600)	3000 (6,600)	3000 (6,600)	2400* (5,300*)	2000 (4,400)	950 (2,100)	1000 (2,200)	500* (1,100*)
-2M (-7 ft)	3000 (6,600)	3000* (6,600*)	3000 (6,600)	2100* (4,600*)	1900 (4,200)	900 (2,000)	800 (1,800)	500* (1,100*)
-3M (-10 ft)	3000 (6,600)	3000 (6,600)	3000 (6,600)	1900* (4,200*)	850 (1,900)	800 (1,800)	-	-

Working in longitudinal position on blade side

Working over the side or at 360°

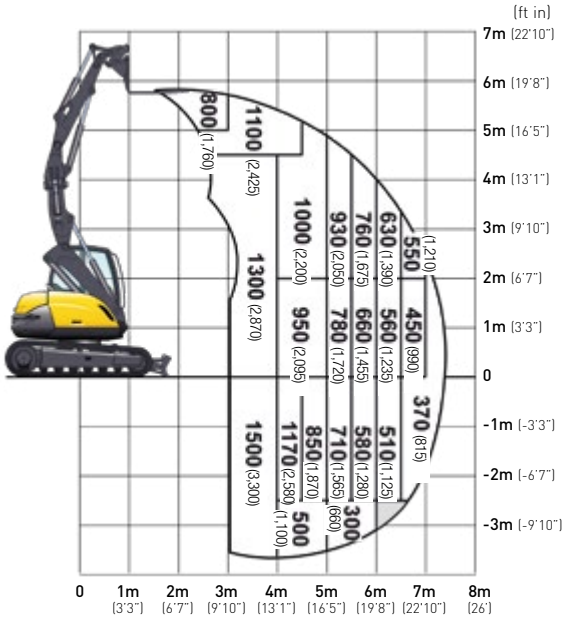
WORKING CONDITIONS

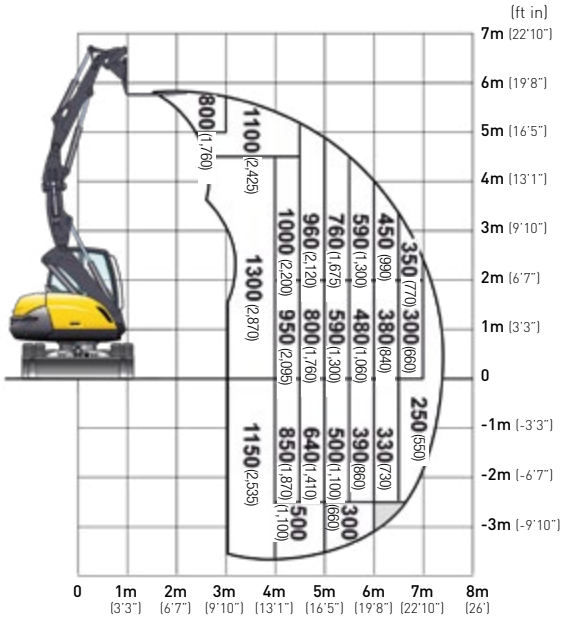
- On crawler, blade on the ground
- On horizontal, compact ground
- Boom and stick used without offset
- Without tools (bucket, shovel...) with handling plate and loading hook of 3 t (6,613lb)
- Maximal 75% of the tipping load or 87% of the hydraulic capacity
- Maximum values determined for optimal position of boom and cylinders

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.

LIFTING CAPACITIES WITH PALLET FORKS

All the weights are given in kg (lb). Calculations are carried out for the entire range of Mecalac quick couplers.





WORKING CONDITIONS

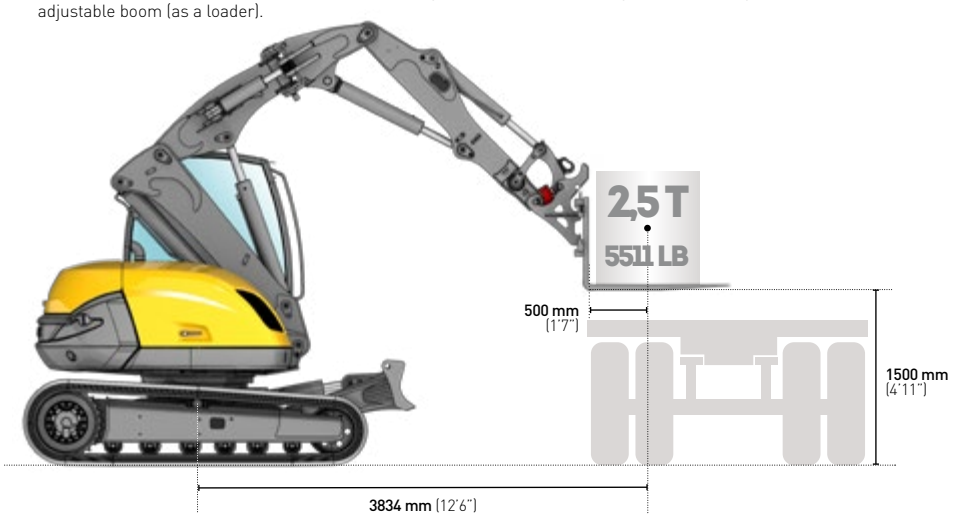
- On crawler, blade on the ground
- On horizontal, compact ground
- Boom and stick used without offset
- Equiped with pallet forks

ACCORDING TO ISO 10567

- Maximal 75% of the tipping load or 87% of the hydraulic capacity
- Maximum values determined for the most unfavorable position of boom and cylinders

LIFTING CAPACITIES WITH PALLET FORKS FROM 0 TO 1,5 M (5FT) HEIGHT

Boom and intermediate boom fully retracted, starting with pallet forks on the ground and lifting only with the adjustable boom (as a loader).



LIFTING CAPACITIES WITH LOADING HOOK

All the weights are given in kg (lb). Calculations are carried out for the entire range of Mecalac quick couplers.

	2M (7 ft)		3M (10 ft)		4.5M (15 ft)		6M (20 ft)	
3M (10 ft)	-	-	3830 (8,400)	3830 (8,400)	2870 (6,300)	1930* (4,300*)	1850 (4,100)	1030* (2,300*)
1.5M (5 ft)	-	-	4000 (8,800)	4000 (8,800)	3050 (6,700)	1870* (4,100*)	1920 (4,200)	1000* (2,200*)
0M	4000 (8,800)	4000 (8,800)	4000 (8,800)	3910* (8,600*)	3060 (6,750)	1720* (3,800*)	1690 (3,700)	940* (2,100*)
-1.5M (-5 ft)	4000 (8,800)	4000 (8,800)	2390 (5,300)	2390* (5,300*)	2470 (5,450)	1500* (3,300*)	950 (2,100)	750* (1,650*)
-3M (-10 ft)	4000 (8,800)	4000 (8,800)	2630 (5,800)	2630* (5,800*)	-	-	-	-

Working in longitudinal position on blade side

Working over the side or at 360°

WORKING CONDITIONS

- On crawler, blade on the ground
- On horizontal, compact ground
- Boom and stick used without offset
- Without tools (bucket, shovel...) with handling plate and loading hook of 4 t (8,818lb)
- Maximal 75% of the tipping load or 87% of the hydraulic capacity
- Maximum values determined for optimal position of boom and cylinders

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.