



REMOTE CONTROL



MAK 40

REMOTE-CONTROLLED
MULTIFUNCTION MINI SKID



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CONSTRUCTION



AGRICULTURE



PARKS

OPTICAL FIBER

TELECOMMUNICATIONS

BUILDINGS

AGRICULTURE

WATER NETWORKS

ELECTRICAL GRIDS

Designed to ensure speed and precision across a wide range of applications, the **MAK 40** is the ideal mini skid for any job site, be it in construction, agriculture, or forestry. Its outstanding power and maneuverability allow for the excavation of micro and mini trenches **with maximum safety and operator comfort**.



✓ WIDE RANGE OF ATTACHMENTS

The **MAK 40** is characterized by a quick front ISO attachment and auxiliary hydraulic preparation, making it perfect for the use of a variety of equipment to complete a wide range of tasks, including backfilling, small demolitions, inert material loading, excavation, leveling and job site cleaning.

>> BUCKET



>> WHEEL SAW



>> CHAIN TRENCHER



>> FLAIL MULCHER



>> FORKS



>> MIXING BUCKET



✓ REMOTE CONTROL

MAK 40 works with a remote control, avoiding the presence of an operator on board hence making it possible to monitor its work more closely.



✓ HIGH PERFORMANCE

The MAK 40 is the most powerful multifunction skid in the segment, thanks to the powerful 38 HP Kohler engine.

✓ EXCEPTIONAL COMPACTNESS

The low weight of 1650 kg allows MAK 40 to be transported by normal work vehicles, without the need for the use of expensive exceptional trucks.



Technology

MAK 40

01 COMPLETE IMPLEMENTS CONTROL

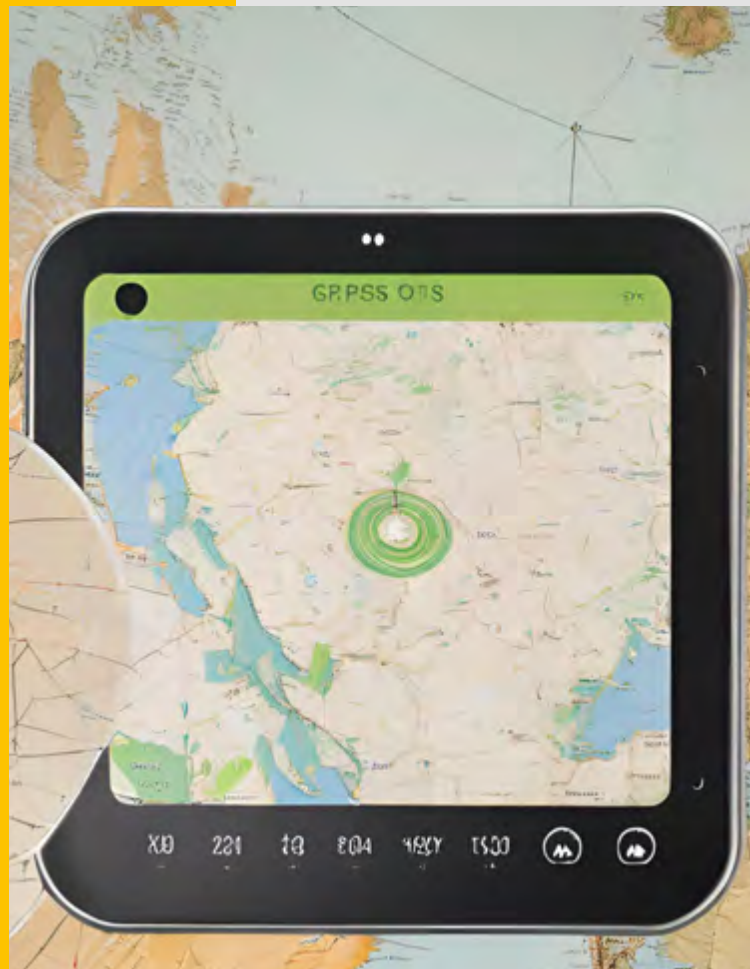
The additional wiring kit makes it possible to fully manage all the functions of equipment equipped with electrohydraulic distributors (as, for example, for the mixer bucket), so that the full potential of MAK 40 can be exploited.



02 LOCALISATION GPS SYSTEM

The satellite tracking system allows to remotely control the machine location.

*available as an option



03 INTELLIGENCE GUIDE FOLLOWING TRACK

The IGFT technology - Intelligence Guide Following Track - allows the machine to independently follow a path and adapt the digging speed to the effort required to move forward, improving productivity and efficiency. This way, even inexperienced operators can obtain the best digging results and performance.

*available as an option

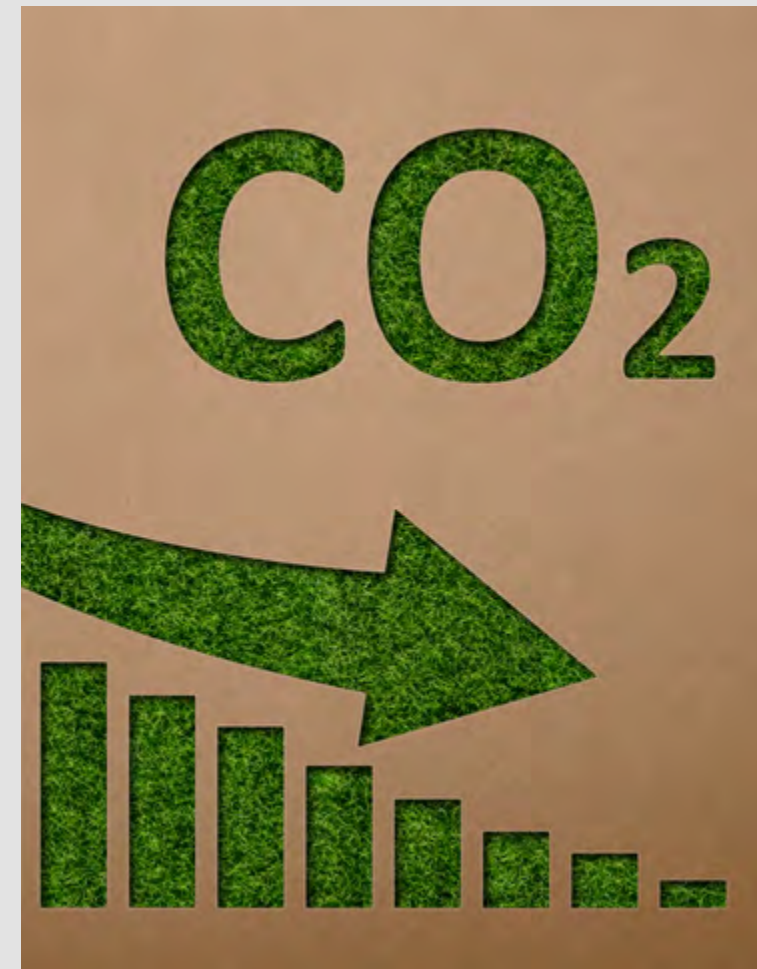


04 LOW EMISSIONS ENGINE SYSTEM

All MakBrent machines come equipped with selected engines according to the most stringent criteria of:

- reliability
- cost effectiveness
- level of emissions

All machine systems, from the hydraulic devices to the controls, are designed and manufactured to **reduce environmental impact** to a minimum and lower fuel costs.



Technical data

ADVANTAGES VS TRADITIONAL MACHINERY

BUSINESS

Higher **earnings**
Lower **work duration**
Lower **management costs**
Lower **maintenance**
Lower **stress for traffic blocks**, delays and fees to be paid

WORKING SITE

Higher **digging precision**
Higher **speed**
Higher **efficiency**
Lower **road obstruction**
Lower **labour**

ENVIRONMENT

Lower **environmental impact**
Lower **waste material** to dispose of
Lower **fuel use**

PEOPLE

Higher **comfort for the operator**
Higher **security**
Easier to use

ENGINE

Engine	Kohler
Model	ECH980
Emission regulation	EU Stage V
Displacement [cm³/cu inch]	999 / 61
N° cylinders	2
Max. Power [kW / HP]	28.3 / 38 @ 3600 rpm
Max. net torque [N m]	78.6 @ 3400 rpm
Aspiration	Air
Cooling	Air
Starter	Electric
Disposition	V-Twin
Voltage [V]	12
Oil tank capacity [l/gal]	1,9 / 0,50
Fuel	Gasoline

WORKING PERFORMANCE

Operating weight -with bucket- [kg/lbs]	1450 / 3417
Operating weight -with wheel saw- [kg/lbs]	1670 / 3682
Tipping load at max. reach [kg/lbs]	1100 / 2645
ROC (SAE 35% tipping load) [kg/lbs]	380 / 926
ROC (50% tipping load) [kg/lbs]	550 / 1322
Bucket breakout force [kg/lbs]	1000 / 2205
Arm breakout force [kg/lbs]	980 / 2160

TRACK AND TRAVEL PERFORMANCE

Double travel speed [km/h/mph]	Low: 2.2 / 1.4 - High: 6.0 / 3.7
Drowbar pull [kg/lbs]	1370 / 3020
Ground pressure: narrow track 180 mm / 7" [kPa/psi]	39 / 10,2
Ground pressure: standard track 230 mm / 9" [kPa/psi]	28 / 7,4
Ground pressure: wide track 250 mm / 10" [kPa/psi]	21 / 5,5
High frame ground clearance [mm/inch]	250 / 9,8

HYDRAULIC SYSTEM

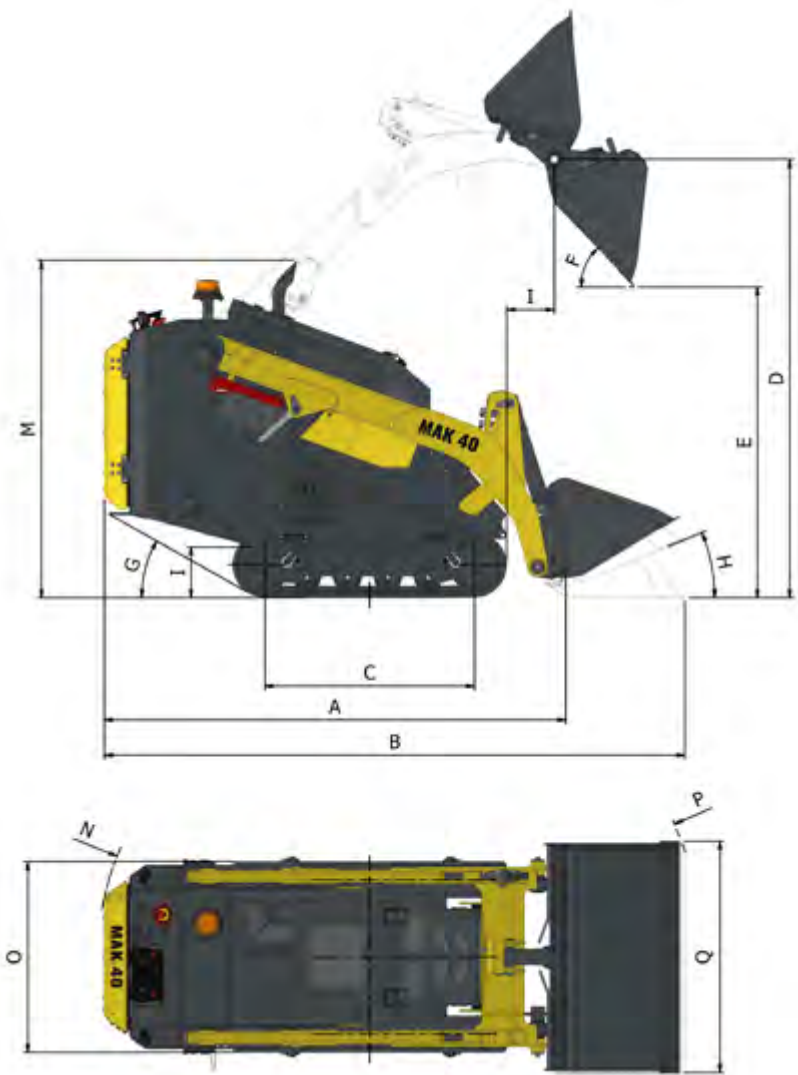
Flow [l/min/gpm]	48 / 12,6
Pressure [bar/psi]	170 / 2901
Hydraulic tank capacity [l/gal]	30 / 8
Teoretical Hydr. Power [kW/Hp]	15,5 / 21

OPTIONAL

Semi-automatic guidance system with track tracing and auto-adaptation of digging speed according to ground hardness
Additional wiring kit for controlling electro-hydraulic distributors of equipment
GPS localisation system (one year subscription included)

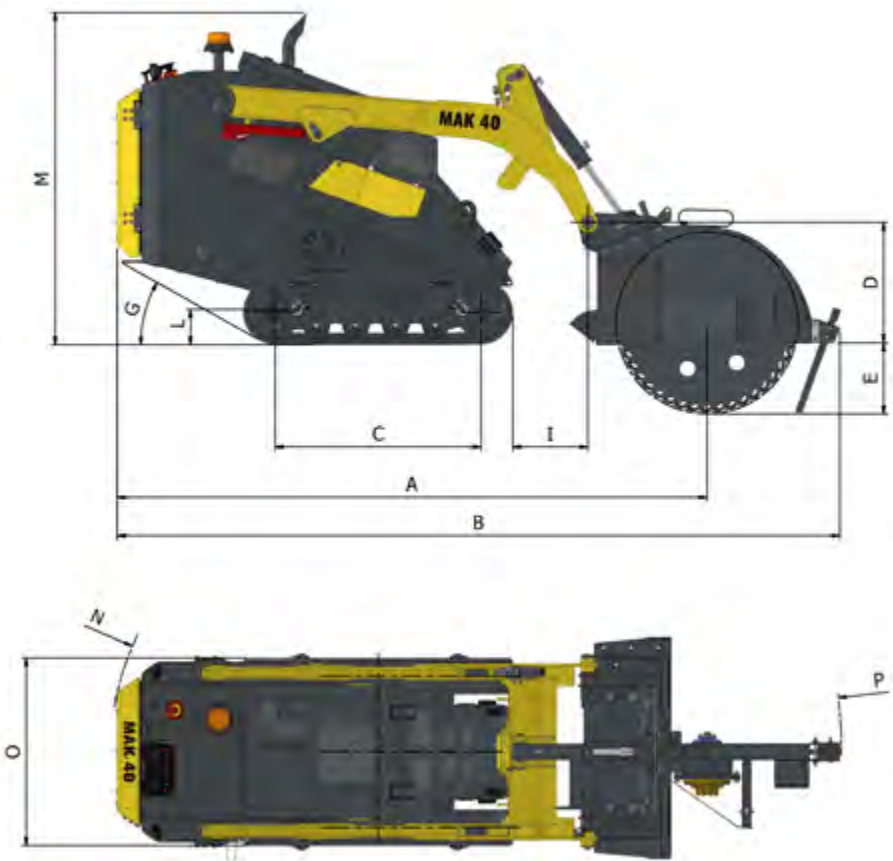
DIMENSIONS WITH BUCKET BK100

A	Total length -without bucket- [mm/inch]	1855 / 90
B	Total length -with bucket on ground- [mm/inch]	2285 / 73
C	Length of track on ground -wheelbase- [mm/inch]	1080 / 42,5
D	Bucket pin height -at max.height [mm/inch]	2174 / 85,5
E	Bucket clearance -at max.lift and total dump- [mm/inch]	1650 / 65
F	Bucket dump angle -at max.height- [°]	35
G	Departure angle -at back side- [°]	33
H	Departure angle -at front side- [°]	22
I	Bucket pin reach -at max. lift- [mm/inch]	196 / 7,7
L	Frame ground clearance [mm/inch]	250 / 9,8
M	Max. machine height -all included- [mm/inch]	1585 / 62,5
N	Turning radius machine rear -from center track- [mm/inch]	1365 / 53,7
O	Vehicle width -with 180 mm/7,09 inch- [mm/inch]	947 / 37,2
P	Turning radius machine front [mm/inch]	2245 / 88,5
Q	Bucket width standard [mm/inch]	1020 / 40
	Bucket width large [mm/inch]	1145 / 45



DIMENSIONS WITH WHEEL SAW MAKBRENT MWS35

A	Central tool machine length [mm/inch]	3020 / 119
B	Total length -on total depth- [mm/inch]	3582 / 141
C	Length of track on ground -wheelbase- [mm/inch]	1080 / 42,5
D	Bucket pin height -at max.excavation depth- [mm/inch]	505 / 20
E	Max excavation depth [mm/inch]	300 / 11,9
I	Bucket pin reach -at max.excavation depth- [mm/inch]	297 / 11,7
G	Departure angle -at back side- [°]	33
L	Frame ground clearance [mm/inch]	250 / 9,8
M	Max.machine height -all included- [mm/inch]	1585 / 62,5
N	Turning radius machine rear -from center track- [mm/inch]	1365 / 53,7
O	Vehicle width -with 230 mm/9,06 inch tracks- [mm/inch]	947 / 37,2
P	Turning radius machine front -tool lift, 130 mm/5 inch over ground- [mm/inch]	2245 / 93







TRACKING THE FUTURE

In pole position dal 1963, oggi ci guidano esperienza ed entusiasmo. MakBrent è una storia di professionalità tutta italiana ma di respiro internazionale. È la scelta imprenditoriale di un Gruppo giovane, solido e in continua crescita. Un team composto di persone sempre al fianco del proprio cliente, per tracciare insieme un futuro di innovazione e raggiungere traguardi sempre più entusiasmanti.

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