

MECHBADGER



MP09/MP11

ONE MACHINE... MANY JOBS !

MULTIFUNCTIONAL DNA

ZERO EMISSION

**POWERFUL
& RELIABLE**

VERSATILE



www.mechbadger.com



MECHBADGER

One machine... many jobs!



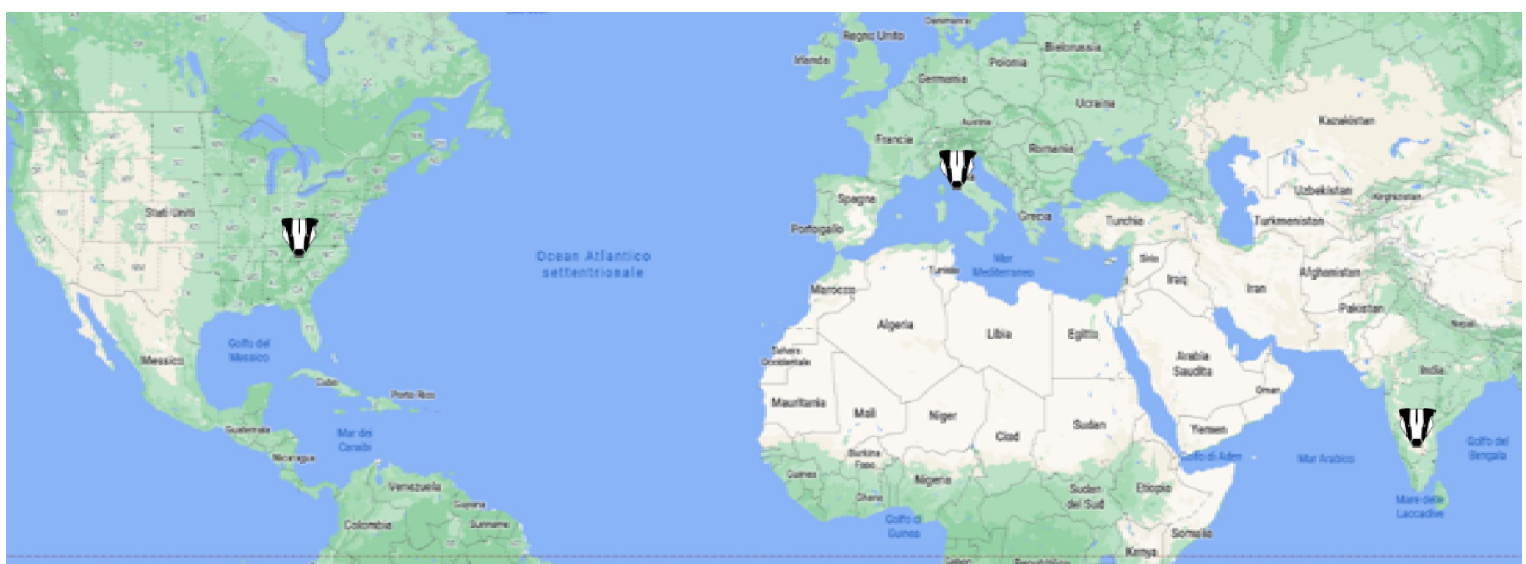
MECHBADGER SRL – ONE MACHINE....MANY JOBS!!

MECHBADGER is an innovative company born from the idea of a group of professionals with a long experience gained in leading companies of the earthmoving machinery sector: with solid foundations in Italy, MECHBADGER was born as an international company thanks to commercial branches in the USA and in INDIA.

MECHBADGER's MISSION is to create highly customizable, technologically advanced machines that can be the ideal partner for all the typical and special applications in the construction, agricultural and aerial maintenance jobs.

MECHBADGER is also one of the main players in the GREEN revolution, offering to the market also a truly SUSTAINABLE FULL ELECTRIC solutions with favorable quality / price ratio and low running costs.

Thanks to a young team of Engineers and Technicians, MECHBADGER is a flexible company always ready to accept new challenges in creating innovative and customized equipment to automate even the most complex and demanding processes.





Multi – Purpose Machine

**Multifunctional
Loader Arm**



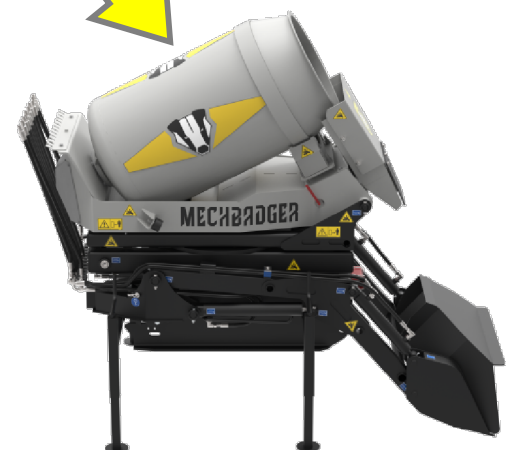
Excavator



PATENDEED COUPLING SYSTEM



Dumper



Mixer



Multi – Purpose Machine



MP-01 - MULTIFUNCTION DNA

MECHBADGER MP-01 multifunctional machine has been specifically conceived, designed and manufactured to give to all operators in the construction, agriculture and gardening world the opportunity to truly operate with a single machine.

A machine with low operating costs, which allows to work in the best way in many specific applications, from excavation to material handling, from cleaning to maintenance work at height, from unloading materials to the most demanding hydraulic applications.

The MECHBADGER MP-01 is able to perform many different jobs, thanks to its unique and PATENTED system for connecting and exchanging different equipment on the power unit, that allows to switch from one function to another in just 5 minutes without unscrewing a bolt and without the use of dedicated equipment and tools.





FEATURES

COMPACT

The small dimensions of all versions of the MP-01 (width of only 790mm/32"), allow to operate in environments with limited access such as inside homes, warehouses, gardens, shopping centers, garages and in the most confined construction sites.



POWERFUL & SAFE

MECHBADGER MP-01 is equipped with powerful petrol and diesel engines compliant with EU and UL standards, with exceptional reliability and little maintenance requirements.

Fitting 2 variable displacement pumps as well as 2 auxiliary gear pumps to guarantee the best performance even in the most difficult terrain, the MP-01 is a machine equipped with Eaton negative brake gearmotors that guarantee maximum safety in all operative conditions.



VERSATILE

By configuring the Power Unit with one equipment type, you can always purchase additional interchangeable equipment at any time and be able to switch from one to another in less than 5 minutes, even right on your job site, without unscrewing a bolt and without dedicated tools.



ERGONOMICS

Control levers are easy to access and to use, designed and built to make the operations conformable even for long hours of work. The MP-01 is equipped with an operator support with vibration dampers for high comfort on all kind of terrain.



RELIABLE AND RESISTANT



MP01 has been designed to last over time even in the most extreme conditions, given the insertion of cemented bushings with internal spidering on the pins of all the joints, in order to guarantee perfect greasing and the reduction of rubbing and wear of the installed components, in way to prolong its life.



POWER UNIT

FULL ELECTRIC



DIESEL / PETROL



Engine model	PETROL	DIESEL	FULL ELECTRIC	PETROL
Weight	540 kg / 1091 Lb	550 kg / 1213 Lb	645 kg / 1423 Lb	590 kg / 1300 Lb
Engine Power	8.7 kW - 12 Hp	7.5 kW - 10Hp	7 kW	16.5 kW - 22Hp
Rpm	3600	3600	2600	
Voltage			48 VDC	
Battery			150 Amp/h	
On Board STD charge 220V			5 hours	
Booster Optional charge 380 V			1.5 hours	
Engine Starting	Electric	Electric	Electric	Electric
Gradeability	70% (35°)	70% (35°)	70% (35°)	70% (35°)
Hyd System	2 variable piston pumps + 2 gear pumps	2 variable piston pumps + 2 gear pumps	2 variable piston pumps + 2 gear pumps	2 variable piston pumps + 2 gear pumps
Travel motors	Hyd closed circuit with parking brake	Hyd closed circuit with parking brake	Hyd closed circuit with parking brake	Hyd closed circuit with parking brake
Service Pressure	150 bar / 2180 psi	150 bar / 2180 psi	150 bar / 2180 psi	150 bar / 2180 psi
Service Pump Flow	30 Ltm / 7.93 Gpm	30 Ltm / 7.93 Gpm	30 Ltm / 7.93 Gpm	60 Ltm / 15.85 Gpm
Tractive effort	10003 N	10003 N	10003 N	10003 N
Speed	4.5 Kmh / 2.8 mph	4.5 Kmh / 2.8 mph	4.5 Kmh / 2.8 mph	4.5 Kmh / 2.8 mph



EQUIPMENT

DUMPER



Max Weight

450 Kg / 538 Lb

Operative Capacity

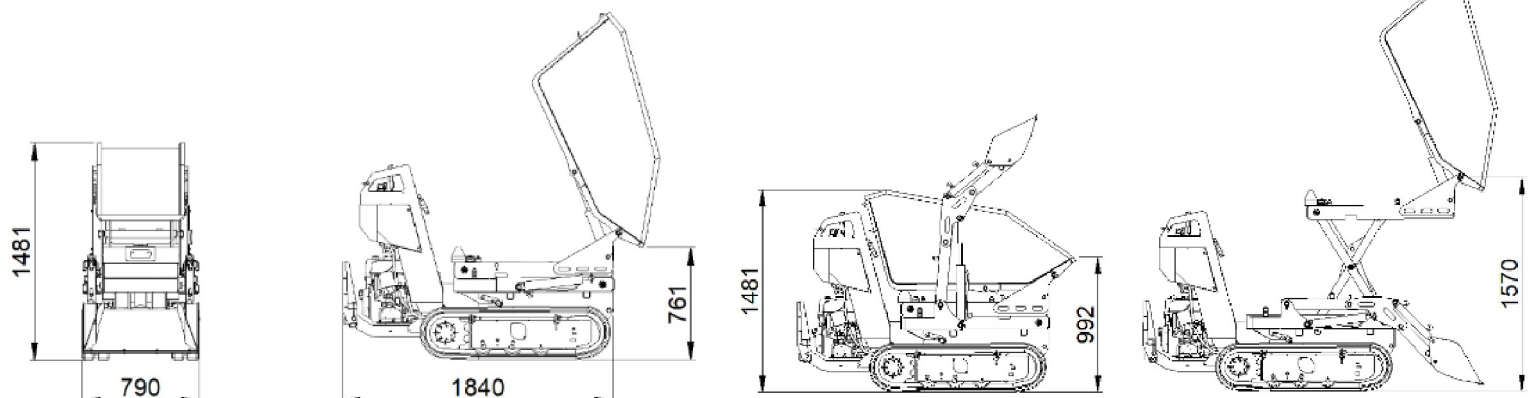
800 kg / 1764 Lb

Volume

0.32 m³ / 0.42 yd³

SAE Volume

0.41 m³ / 0.54 yd³



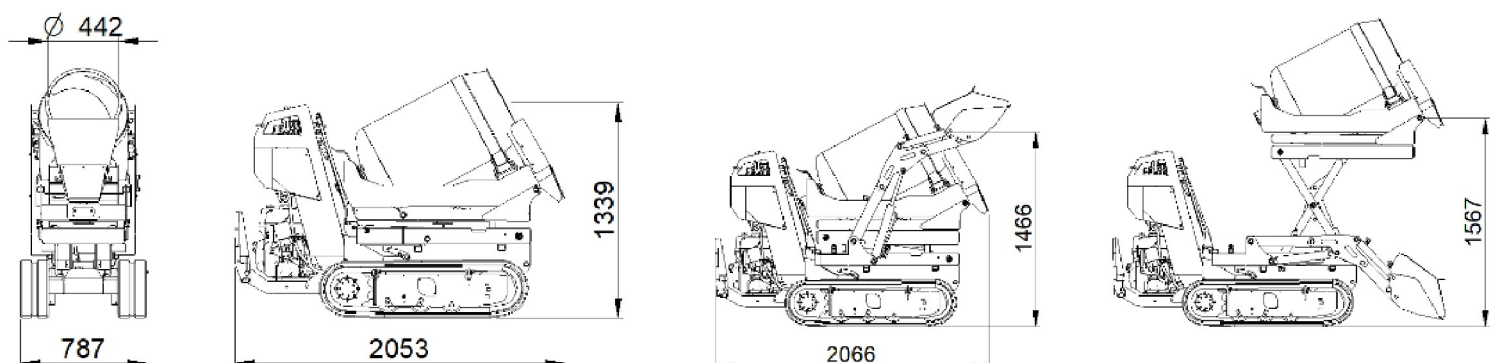


EQUIPMENT

MIXER



Max Weight	530 Kg / 1168 Lb
Volume	220 Lt / 58 Gal
SAE Volume	120 Lt / 32 Gal





EQUIPMENT

LOADER



Weight

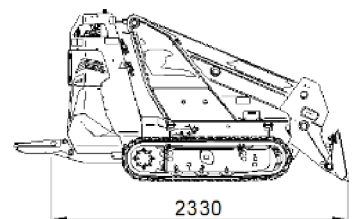
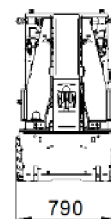
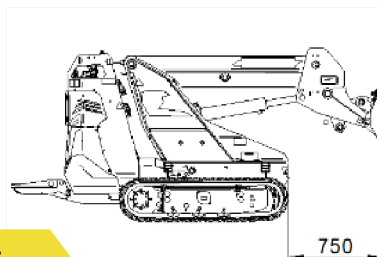
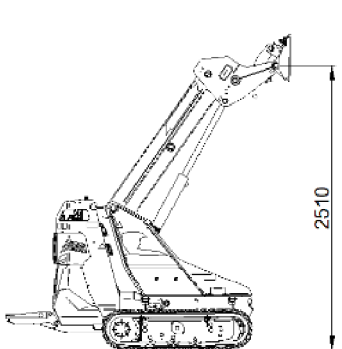
719 Kg / 1585 Lb

Payload

400 Kg / 882 Lb

Dumping Height

2200 mm / 7.2 Ft



EQUIPMENTS



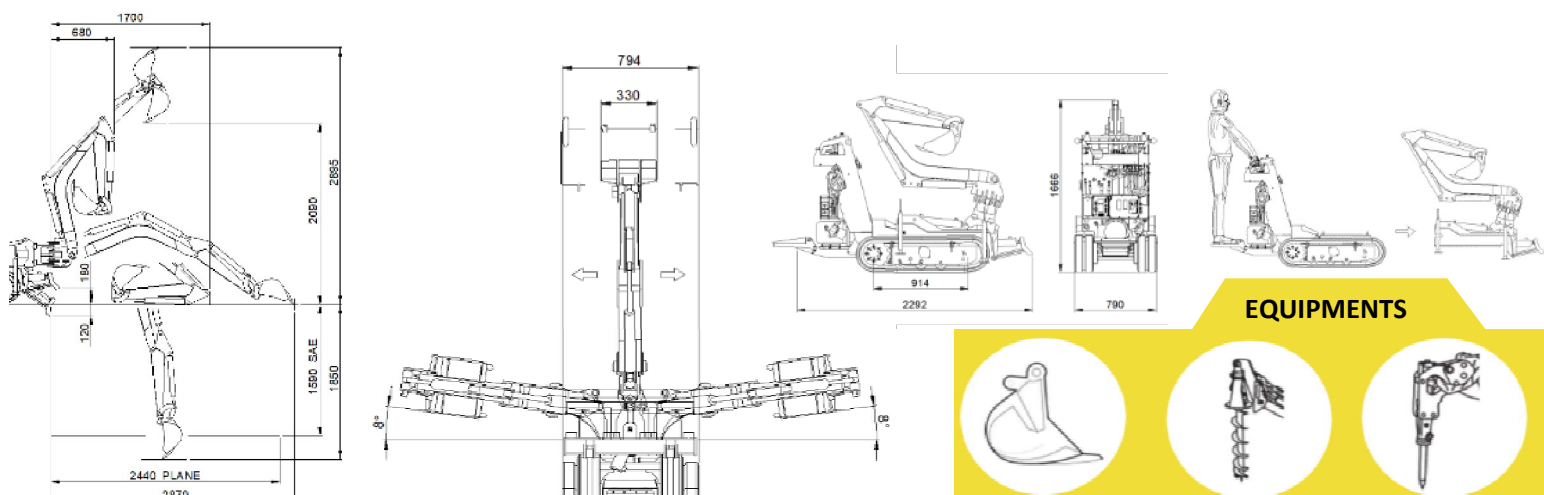


EQUIPMENT

EXCAVATOR



Weight	375 Kg / 827 Lb
Digging depth	1850 mm / 6 Ft
SAE Flat Digging	1590 mm / 5.2 Ft
Breakout force	8.8 kN



MECHBADGER



Mechbadger Europe

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MP09/MP11

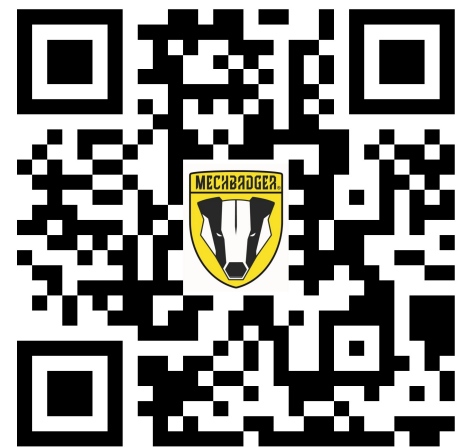
**One machine....
many jobs!**

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