




MORESIL S.L.

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Coordinates GPS
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EXPERIENCE AND QUALITY



BUGGY BM-300
THE HIGHEST PERFORMANCE

Three-wheeled **Moresil Buggy, BM 300**, is equipped with a modern technology to electronically control the movement and vibration of olive and fruit trees. You can choose the most suitable programme for each type of cultivated field. You can also control its power units, with the possibility of saving fuel thanks to its economic option.



VIBRATION

- There are several **vibration modes** which can be adapted to different types of olive tree plantations. Personalized vibration modes can also be configured.
- The **three existing grips** can be adjusted, with all their accessories (such as grip cushions and covers).
- It can keep **track of both the trees and vibrations** so that you can check the results of the harvest campaign.



POWER UNITS

- **Modern DEUTZ 120 HP** engine, with an electronic control system. It only uses the power required in each operation, reducing about **30% of standard consumption**.
- **Gas filter without maintenance**. It does not need urea or diesel oil to work.
- DANFOSS **hydraulic pumps** with variable flow. They can be controlled from the different programmes of the machine.
- Robust POCLAIN **wheel hub motors**, able to perform a faultless work in adverse situations.
- Several **displacement programmes**, from which you can choose the most suitable to each type of field or driver. Thus, bundle break can be reduced.



ERGONOMICS

- Closed spacious cabin with **high visibility**, folding door, heating and air conditioning (optional).
- Two **joysticks** to control every movement.
- **Powerful lighting** with led headlamps.
- Rear view camera, which can be displayed in the control screen (optional).
- **Independent cabin** with vibration damping and insulating glasses.
- **12V** lighter plug and **USB** port.
- **GPS** system with assistance and remote software update (optional).



DESIGN

- Optimised weight distribution. Low centre of gravity for working and moving in sloped terrains.
- Steel-welded structure, with high tensile strength steel.
- Leading brands hydraulic and electronic equipment.



TECHNICAL DETAILS

Length (m)	6,9
Height (m)	2,1 / 2,29 (Air Conditioning)
Width (m)	2,47
Distance between axles	2,78
Weight (kg)	5040
VIBRATOR MOVEMENTS	
Telescopic (m)	1,3
Elevation (m)	2,2
Turn (°)	35
Engine	4-cylinder turbo Deutz – 3600 cc – 120 HP – 2300 rpm
Fuel tank (l)	120
Hydraulic tank (l)	140
Transmission	480-bar hydrostatics – 2 independent front drive wheels with negative brake
Maximum speed (km/h)	17
Displacement options	Super slow – slow – fast – eco fast

On board computer	Power units control
	Vibration control functions
	Personalized vibration programmes
	Track of trees and chronometer
	Self-diagnosis
	Rear view camera
Tires	Georeferenced system
	Remote assistance and action
	Front wheels 500/60-22,5
In-cab comfort	Rear wheels 320/60-12
	Heating
	Air conditioning 5kW
	USB port
	Insulating glasses
2 joysticks	