

Road construction the modern way

MC-Max Milling





MC-Max Milling

Height accuracy in milling is the most important factor

Accurate and validated work, right the first time

Modular approach

Combine GNSS and LPS while keeping the same main hardware components according to your project requirements.



Supported machinery

- Astec
- Bomag
- Wirtgen

Take advantage of the versatile MC-Max Milling control system

Evolve with the environment

Whether single or dual mmGPS in open skies, LPS (Local Positioning System) in urban areas, under trees, bridges or in tunnels - or RD-MC completely without optical aids - MC-Max Milling opens up all possibilities thanks to its flexibility and modularity. Tailor the technology to your needs and projects - the accuracy speaks for itself.

Save time, achieve accuracy

Traditional methods of achieving smoothness no longer provide the quality criteria often demanded by regulatory agencies. MC-Max Milling utilizes ruggedized hardware with intuitive software for a complete solution that can be customized for success. Long and arduous workdays now become simple and proven workflows. Just ride along and monitor as the machine automatically responds in real time, taking into account any design changes to deliver a smooth and finished surface.

When 3D milling, you can lay asphalt in a constant thickness, which simplifies the complex paver operation and significantly improves compaction results.

Main Components



3D-MC software on the GX-Series displays



MC-X3 control unit including WiFi, Bluetooth, radio and cell modem



High-precision Inertial Measurement Unit (IMU)

LPS



LPS is suitable for urban areas, tunnels, under bridges, wooded areas, or any other locations without satellite coverage.



Use the Robotic Total Station or Layout Navigator to position the machine on a jobsite.



The LPS solution may be combined with an additional GNSS receiver to follow an alignment.

mmGPS



mmGPS is ideal for open areas with satellite coverage and is available in a single or dual solution.



Use the mmGPS transmitter to control the machine height.



The single mmGPS solution may be combined with an additional GNSS receiver for steering indication.

RD-MC



RD-MC differential milling is the most versatile option without using optical devices.



The RD-MC is now also available with LPS for horizontal positioning.



Additional sensors may be used to measure existing surface height.



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