Topcon MC-Max Asphalt Paving

Maximum flexibility for the way you work



Wherever the job, achieve accurate and validated results the first time, with 3D paving technology.

Learn more at **topconpositioning.com**

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Accuracy in paving is the most important.

See the MC-Max Asphalt paver control advantage for yourself

Whether your road construction environment is in the open, in the city, in a tunnel or under heavy canopy there is a 3D solution available. MC Max Asphalt Paving is your paving solution for projects that may require variable thickness or corrective actions.

Save time, lower costs, increase smoothness

Federal and local agencies demand quality beyond what traditional methods are capable of achieving. MC-Max Asphalt Paving utilizes ruggedized hardware with intuitive software that can be customized for success. The machine automatically responds in real time and adjusts for any design changes to deliver a smooth and finished surface. Save time and money while optimizing material by ensuring correct thicknesses and ridability.

Additional asphalt related solutions

Thermal Mapper – Avoid thermal segregation by real-time monitoring of the asphalt temperature directly behind the screed.
Pavelink – Plan, monitor and adjust your complete asphalt logistics from the plant to paving.

- » Modular approach: Combine GNSS, LPS, or mmGPS while keeping the same main hardware components according to the requirements of your project
- » Supported Protocols: Vögele Niveltronic, Vögele Navitronic, and more...
- » Additional Benefits: Directional control of the paver and control of the screed width with Vögele Navitronic Plus

Main Components


3D-MC software on the GX-Series displays


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 Robotic Total Stations or Layout Navigators to position the machine on a jobsite.


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

mmGPS


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


Use up to 4 Zone Lasers™ to control the height.


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

RD-MC


RD-MC Paving utilizes Dual GNSS along with 2D sensors for true variable thickness 3D control.


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


Additional sensors may be used to measure existing surface height.

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