

MatManager™ Paving Quality System

The MatManager™ is a paving quality system for asphalt pavers that enables the operator to monitor key quality parameters of the paving job.

The MatManager™ tracks material consumption, paved distance, speed, screed width, material temperatures, air temperatures and other key paving events of the job with real-time measurements.

The MatManager™ uses a range of different input sensors mounted on the asphalt paver to measure and calculate the key paving parameters. The data is collected from the sensors via the MatManager™ Interface Box. A GPS tracks and logs all the data with exact location coordinates.

While paving, the parameters can be viewed in the graphical display, a large 7" screen with capacitive touch and ten soft keys for easy function changes and entry of data. At the end of the paving job all logged data can be exported for data processing and analysis, and the system can deliver a report of key data.

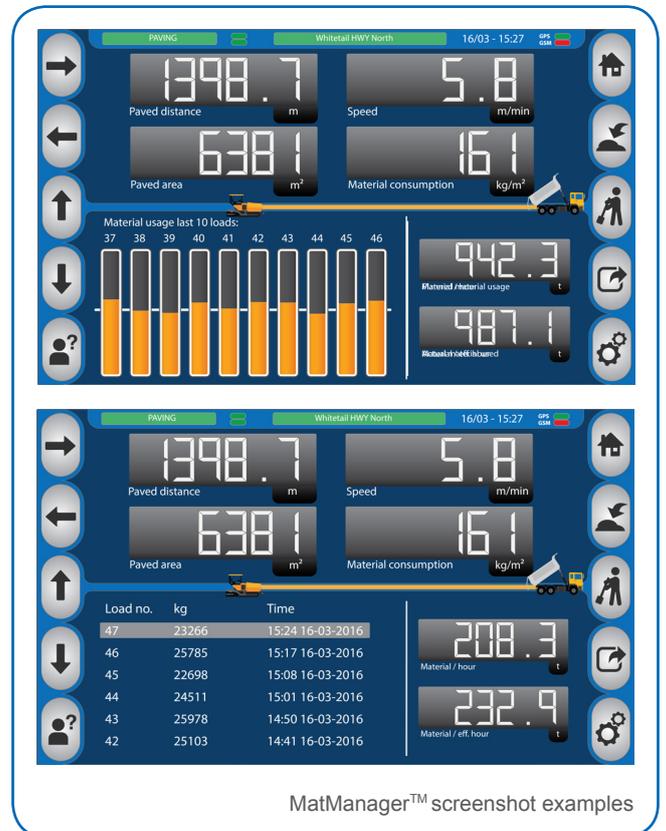
The System can be upgraded with new features as they are released.

A MatManager™ Light version is also available with limited features.

The system is specifically designed to withstand the tough working conditions of the construction industry.



MatManager™



MatManager™ screenshot examples

| MatManager™ Specifications | |
|----------------------------|--|
| Part number | S-51712 S-51714 (MatManager™ Light) |
| Power Supply | 12/24 Volt System (10-30 VDC) |
| Power Consumption | Typical at 24VDC 200mA |
| Dimensions (DxWxH) | 75x250x155mm / 3x9.8x6.1in |
| Weight | 1.4kg / 3.1lbs |
| House | Durable plastic |
| Operating Temperature | -10°C to 70°C / 14°F to 158°F |
| Storage Temperature | -30°C to 80°C / -22°F to 176°F |
| Communication Bus | 2xCAN, USB |
| Connections | 1 Cannon Bayonet Plug, male 6 pin 1 Bayonet USB |
| Screen | 7" : 800x480mm / 31.5x19in w. capacitive touch |
| IP Class | IP66 for vital parts |