

TRAK BLAZE

MVS — Mobile Volumetric Scanner

The Trakblaze MVS (Mobile Volumetric Scanner) combines the volumetric scanning technology of both the RVS and TVS, but combines this with the versatility of being mobile and therefore easily relocatable to any required location.

The trailer is designed with a 2 stage lifting boom to ensure that the optimal height is reached for the specific vehicle being measured. It comes complete with outrigger legs, stability guy ropes and lock out positions to ensure that the scan head is completely stable when the scanner is fully erected.

The operations console is two-part; one side controls the easy to operate electrical controls for the heavy duty electrical screw actuators, thus enabling safe and methodical assembly. The other side provides the data collection point on the intuitive touchscreen PC, using the Trakblaze volumetric scanning software.

Benefits

- █ Easily transportable
- █ Quick and easy to setup
- █ Non contact volumetric measurement
- █ Intuitive operation
- █ User-friendly



KEY FEATURES

Typical Scanning Applications, Railway open wagons/Mining Trucks (up to typical 150t)

Trailer Type Typical Tandem 6'x 12'

Collapsed Trailer Height 3.9m

Erected Trailer Height up to 7.0m

Reach up to 4.2m from edge of trailer to centre of scan zone

Lifting up to 4 x 24VDC, 1600kg lift Actuators (push/pull 1000mm each)

Console Custom Powder Coated Canopy Enclosure

Built in 15" Touchscreen PC Stop/Start/Raise/Lower Functionality

Built in Battery Backup for 3hrs PC/Software operation

- █ Laser Type: 2 x Class 1 (Eye Safe) LMS 511 sensor
- █ Typical Measurement Accuracy: +/- 2% when used as specified
- █ Laser Scanning Range: Up to 80m, nominal 3m from top of vehicle load
- █ Vehicle Speed: 0.5 - 10 km/h
- █ Measurement Resolution 0.1 m³
- █ Measurement Range 1 - 150 m³
- █ Laser -30 ~ 50 °C
- █ Protection Level Console IP65
- █ Laser IP67
- █ Power Requirements 240VAC/10A
- █ Operational Temperature Console -10 ~ 50 °C



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Rail

When used in a Rail application, The Trakblaze MVS is an essential tool to ensure that the train operator loading the wagons is maximising loading and at the same time making sure that all wagons leaving site are within tolerance and safe to travel on the rail infrastructure.

This is also designed to minimise overloading overweight wagons and maximising truck efficiency.

Mining

The Trakblaze MVS used in a mining application, provides real time information to ensure that the mining trucks are evenly loaded with material, but at the same time ensuring maximised volume for truck load efficiency. These benefits will heavily reduce the costs incurred on mining truck maintenance and improve your bottom-line.



Over 90 years experience distributing across the world.



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