The volume measurement system is the solution for:
- the certified measurement of palletized goods
- regular and irregular pallet loads
- pallet exclusion possible even in certified mode
- simultaneous weighing and measuring in one go
- fast, reliable and precise measurement with the highest possible resolution

Unique features:
- Measuring area of up to 3500mm x 2500mm x 2800mm (L x W x H)
- Fully MID and OIML R129 certified with superior resolution of 20mm x 20mm x 10mm (L x W x H)
- Protrusion detection down to sizes of 40mm (length, width) resp. 10 mm (height)

Measurement principle
The measurement is performed by two overhead fan scanners which move with constant speed on linear guides along the measurement area. The movement is tracked continuously with an incremental encoder. Because of the large available measurement area, a combination of multiple pallets can be measured.

Features & Software
The system is approved according to OIML R129 and MID with integrated alibi storage and possible data integration from scale and barcode readers. The integrated PC can run additional software for flexible interface adaptations etc. Additional features such as exclusion of fork lifts and electro stackers, combination with weighing fork lifts and weighing electro stackers, damage registration with USB camera and more are possible for non-legal-for-trade systems.

References
The pallet measurement systems are already installed and in use at DHL, Kuehne+Nagel, Schenker, Dachser, Fraport, Air France, KLM, Emirates,.......