

Völkel Compaction display

Analog Compaction Display (ACD) for vibratory rollers

With the Völkel Compaction Display, a roller operator can directly monitor the current compaction process and assess when optimum soil compaction has been achieved.

During a pass, the increase in compaction is continuously measured and displayed to the operator on a scale from 0-100 – intuitively understandable, just like a speedometer. The more LEDs light up, the higher the ground stiffness.

Detect weak points

Right from the first pass, a change in the reading indicates to the operator whether the soil is compactable. If it cannot be compacted, the roller operator can initiate soil-improving measures at an early stage.

Avoid unnecessary passes

The progress and the end of the compaction work becomes clear: the operator continues his job until the reading no longer increases.

Preventing over-compaction

The double-jump indicator warns of grain destruction and machine damage in time.

Simply install success

The Völkel Compaction display is easy to install in the roller dashboard, either at the factory or as a retrofit. With the installation housing, it fits into the standard hole for instruments.

Technical Data

Power supply	UB = 8 ... 32V, reverse polarity protection
Display	Analogue display with 21 LEDs two-digit 7-segment LED display Symbols with LED Backlight
Interfaces	CAN
Housing	Black anodized aluminium, acrylic glass protective screen
Protection category	IP65, IP69K
Temperature range	-40...85°C
EMC	Directive 2014/30EU ISO 10605, ISO 7637-1 to -3 DIN EN 13309



Display

- Soil compaction
- Vibrator frequency
- Double-jump operation

