

# PLAY YOUR ACE CARD



## AMMANN COMPACTION EXPERT

ACE<sup>pro</sup> is an automated measurement and regulation system for controlling and adjusting compaction parameters of Ammann soil and asphalt compactors.

### FAST REACTION

The system automatically adjusts frequency and amplitude based on the actual stiffness of the material being compacted. The adjustments are faster and more precise than previous systems. Compaction efficiency is improved by sending optimal force into the ground. The system eliminates unnecessary passes and drum jumping, which minimises the risk of overcompaction or damage to materials.

### KEY FEATURES

- Provides compaction measurement and automatic frequency and amplitude control, depending on compaction measurements
- Precisely measures and evaluates material stiffness in absolute values (MN/m)
- Delivers the highest compaction efficiency by sending optimal force into the ground
- Eliminates drum jumping and therefore minimises the risk of over-compaction or material destruction
- Intuitive system operation and adjustments fully integrated in machine main display
- Graphical visualization of actual compaction progress in real time
- Can be combined with GPS systems for precise jobsite documentation

### EASY TO CONTROL

Several modes make control easy for operators of all skill levels. Through the display the operator selects from:

**AUTOMATIC MODE**, when vibratory parameters (amplitude and frequency) are automatically controlled and adjusted by the machine based on compaction targets, measurements and conditions.

**MANUAL MODE**, when the operator can preselect vibratory parameters (amplitude and frequency).

**USER MODE**, when the operator can preselect automatic regulation based on known parameters from previous applications

