

Surface textures of the newest generation

Grinding:

Surface removal technique to provide a uniform longitudinal texture on existing or newly built concrete as well as asphalt pavements

Grooving:

Cutting of grooves on pavement surfaces in order to increase drainage capacity

Equipment:

- State-of-the-art and eco-friendly engine models (SCR catalysator – AdBlue and particle filter)
- Engine power up to 630 HP
- Fully automated slurry removal
- Laser control for minimizing overlapping areas
- Uniform pavement surfaces due to machine control and sensor systems
- Width of shaft up to 1,45 m

Convincing advantages:

- Increased traffic safety by improved skid resistance
- Environmental protection due to a reduction of road noise
- Texture design according to newest scientific research results
- Surface texturing for existing and newly built asphalt or concrete pavements
- Elimination of accident hotspots in areas of slope change
- Optimization of evenness for improved ride comfort and reduction of dynamic loads extending the pavement service life
- Reduction of aquaplaning risk
- Remove scaled and damaged surfaces to minimize risk of FOD
- Short traffic disturbances due to powerful machines (up to 6000 m² per working shift)



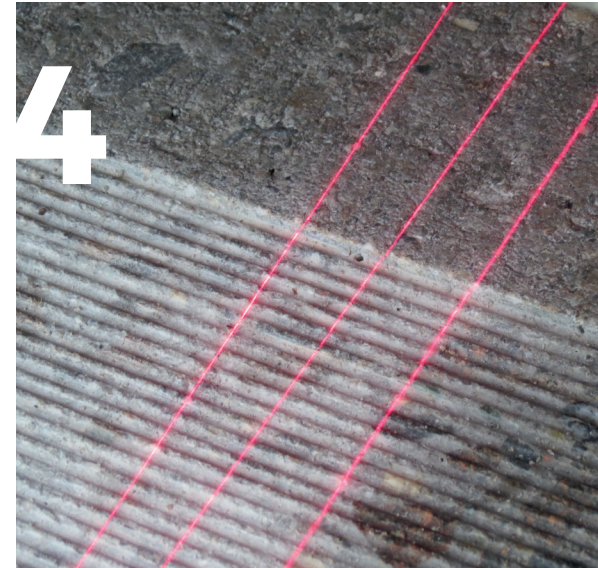
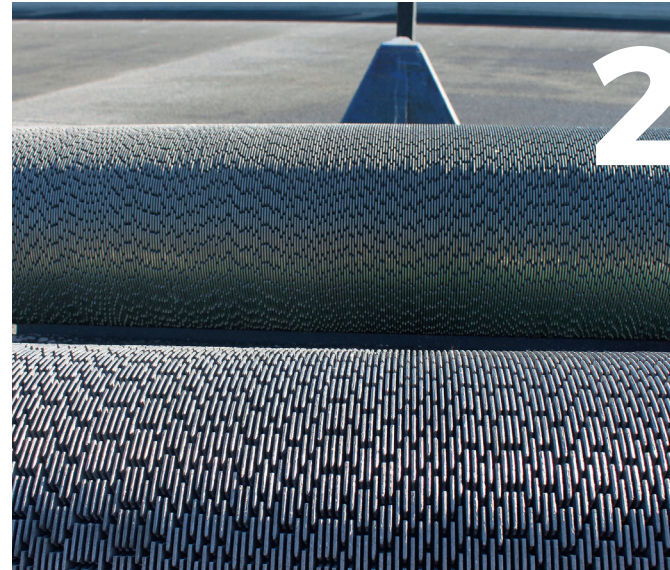
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Grinding & Grooving

1 Powerful and eco-friendly machines for high daily output and short traffic disturbances

2 Grinding shafts – Designed according to the desired texture



3 Grooving shaft – Blades spaced according to project requirements

4 Laser control for minimized overlapping



5 Execution on highways lane by lane

6 Grinding / Grooving on airfields

7 Clean surfaces due to direct vacuum system

8 Results of skid resistance measurements on highways after different service life

9 Grooving texture

10 Grinding texture

11 Surface before (a) and after (b) grinding

