

ARC 3400[®]



ROAD SURFACE RETEXTURING



The ARC 3400[®] can be used professionally for roughening of road surfaces, rubber and paint marking removal as well as road and runway cleaning.

AVERAGE CLEANING RESULTS:

Retexturing of asphalt
or concrete surfaces
(increasing of friction value) \varnothing 8,000 m²/h

Cleaning of surfaces
(e. g. drainasphalt) \varnothing 10,000 m²/h

Demarking of traffic lines \varnothing 4,000 m/h

TECHNICAL DATA

Controls and settings from driver's cabin

- Monitor for 4 cameras mounted behind the surface cleaner at the rear side, 2 behind the demarking device on each side of the vehicle and 1 for reverse drivings
- RPM counter on each surface cleaner to show the speed of the nozzle bars
- Pressure gauge for the working pressure
- Joystick for forward and reverse movement
- Potentiometer to set the driving speed during operation
- Setting of the rotation speed of every surface cleaner (rpm)
- Setting of the suction operation (rpm of the blower)
- Setting of the working pressure (1,000 to 2,500 bar)
- Switch for every surface cleaner ON/OFF
- Control for all hydraulic circuits
- Control of all parameters of the auxiliary diesel engine
- Pressure gauge for booster pressure
- Control of water temperature
- Control of water level



Unique 12" flat screen to control and operate the system.



An installed washing device with hose reel, hose and spray gun can be used to clean the tank (after tilting) or the vehicle.

TECHNICAL PARAMETERS

CHASSIS

3- (standard), 4-, 5-axle chassis or semi-trailer/tractor version

ULTRA-HIGH-PRESSURE PUMP

400 kW, P max 2,500/3,000 bar
Q max 88 l/min

SPEED DURING OPERATION

3 to 80 m/min, stepless adjustable

MAX. WORKING WIDTH

3,400 mm

SUCTION / AIR BLOWER

20,000 m³/h, free air flow and - 0.15 bar

ROTATION OF NOZZLES

0-2,500 RPM, stepless adjustable for every cleaning device

TANK VOLUME

17 m³ standard, optional up to 32 m³ (semi-trailer version)

The ARC 3400® is a compact surface treatment system designed for professional runway and road surface cleaning, paint marking removal on roads and airports (removal of traffic signs), retexturing of surfaces (increasing of friction values) with a working width of 3,400 mm.

A powerful high-pressure pump generates working pressures of up to 2,500/3,000 bar and water volumes of up to 88 l/min. Thus, a complete lane on roads and highways can be treated in one go.

The 5 cleaning devices, 3 at the

rear with a working width of 800 mm and one on both sides of the vehicle with 500 mm working width, can be individually activated and deactivated.

Our systems consume the lowest water quantity per treated m² and create the lowest stress for the runway surface. This is granted by an extreme high nozzle speed. High speed create drops and not aggressive jets. The up-to-date software protects the system and every treated surface.