

# AR300 – AR500 TECHNICAL DATA SHEET (airless road marking machine)

Dimensions: 345(AR300) - 365(AR500) x110x h without warning board 210 cm; Weight: 1300 Kg (AR300) – 1800 Kg (AR500)



Photo doesn't show standard machine.

## Diesel engine:

- power 34 HP (AR300) – 44 HP (AR500)
- liquid cooling
- external alternator to recharge the battery

## Lights, turn signals and turning light

**Warning board** for operating vehicles with arrow for left/right car overtaking and 2 flashing halogens

## Hydraulic drive with:

- 2 motors directly coupled on rear wheels
- hydraulic negative brakes
- joystick: controls forward, reverse and neutral gear
- variable-flow pump

## Hydraulic oil cooler

**Parking brake** on front wheels

**Steering** on front wheels, by hydraulic servo-assisted steering (brand ZF)

**Steering diameter** 7,35 m (AR300)

**Telescopic pointer** for easily following pre-marking or precisely matching existing line

**Engine shut-off safety device** if driver stands up without putting on the hand brake or if someone opens the engine compartment. Seat safety device is adjustable on driver weight

**Steering-wheel** with adjustable inclination

**Seat** with adjustable position (left/right; forward/back)

**Sunshade roof**

## Paint tank:

- capacity 300 l (AR300) – 500 l (AR500)
- made of stainless steel
- with hydraulic stirrer

**Solvent tank** for flushing of gun and paint hose

**Pressurized glass bead tank**, capacity 100 l (AR300) – 170 l (AR500). With regulator of pressure and moisture separator

## Airless hydraulic piston pump:

- max. vol. flow 12,5 l/min

## Two-stage two-cylinder compressor:

- flow air rate 827 l/min
- with **pressure limiting valve**

**Automatic paint gun** mounted on fixed L support (with adjustable height). Standard nozzle for 10-20 cm line. *(Line width can be ranged from 10 cm to 30 cm by changing nozzle and adjusting gun height. Fixed support can be replaced with pneumatic support. Look at optional)*

## High-pressure paint filter

**Automatic glass bead gun.** Diffuser with adjustable slope and adjustable opening angles. Closing delay regulator for bead gun

## MAX. LINE WIDTH: 90 cm

(achievable only with proper optional equipment)

## Electronic spacing device C8000 with:

- possibility to select 8 different skip line patterns
- possibility to record: total metres made (paint+space); total metres striped (only paint); total metres striped (only paint) by each gun
- sound speed alarm: rings when operator works outside range of minimum speed and maximum speed. Min. and max. speeds are adjustable. *(Maintaining constant speed is important for getting uniform paint film).* Allows to control 1 up to 3 guns (if machine is equipped with 3 guns)



**SPRAYABLE PRODUCTS:** not refractive paints, specifically formulated for airless application

*Machine is equipped with all safety devices according to EU requirements.*

*Machine conforms to:*

- *EU Directive 2006/42/EC on Machinery*
  - *EU Directive 14/68/EU for Pressure Equipment (PED directive)*
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#### **OPTIONAL EQUIPMENT:**

- **Trailer for cones with seat for operator (SUGGESTED OPTIONAL)**
- **Second automatic paint gun with independent control** to stripe 50 cm or 2 lines at the same time (for example continuous line + skip line) (SUGGESTED OPTIONAL)
- **Third automatic paint gun** to stripe 90 cm
- **Pneumatic support for paint gun (one disc)**, to keep automatic gun always at the same distance from ground, ensuring constant width of the line (SUGGESTED OPTIONAL)
- **Manual paint gun-short with 10 m hose**, for stenciling
- **Manual paint gun -long (with extension 45 cm) with 10 m hose**, for stenciling without bending and standing farther from paint spray
- **Second automatic glass bead gun with independent delay regulator (SUGGESTED OPTIONAL)**
- **Third automatic glass bead gun**
- **Manual glass bead gun with air hose and bead hose**, for bead application on stenciling
- **26 l pressurized tank and side extension bracket for pre-marking**

We suggest to complete the machine equipment with:

- **nozzle for line width 30 cm**
- **nozzle for surfaces**, advised for stenciling (crosswalk, symbols, legends, stops, ...).



