

■ EUROPE MAKINE

Heavy vehicle rollover wash

SUNRISE W4000 / W4700

Rollover wash systems for buses, coaches, rigid trucks, vans and trailers. The W4700 is the taller machine, for double-deck coaches and high-cube trailers.

420 / 470 cm

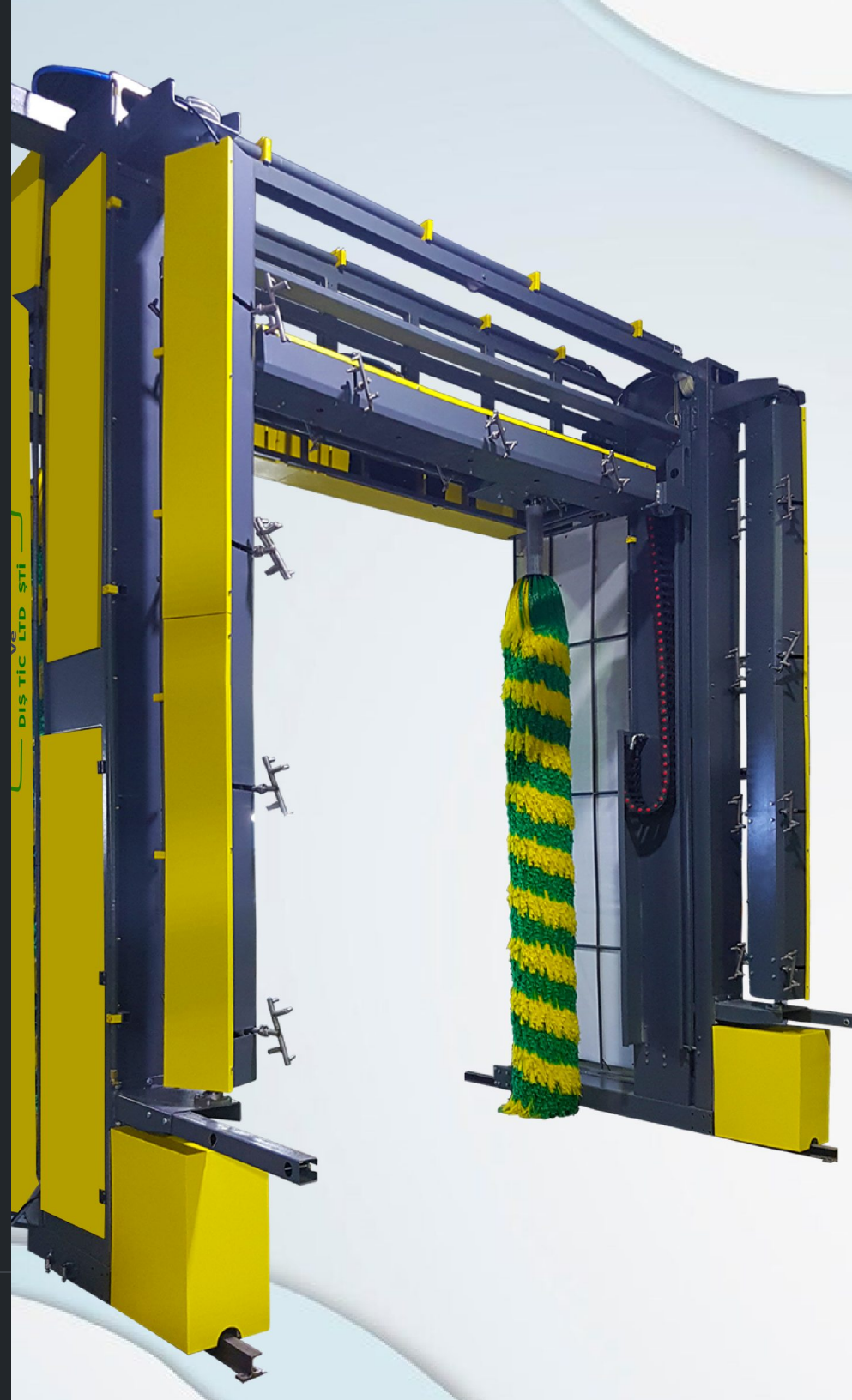
Maximum washing height
W4000 / W4700

285 cm

Maximum washing width
Both models

400 cm

Rail gauge
Both models



How it washes

The vehicle stops and the gantry travels along it on fixed rails set 400 cm apart. Two vertical brushes work the sides, one horizontal brush works the roof and the front, and chassis nozzles spray the underbody.

The W4000 washes to 420 cm high and 285 cm wide. The W4700 washes to 470 cm at the same width, for double-deck coaches and high-cube trailers. Both machines are A1 grade DKP steel with electrostatic powder coating, and hot-dip galvanization is available.

Two vertical brushes, one horizontal

Published as 2 + 1 brush units, with pressure control, in PE plastic or soft brush.

PLC control, manual option

Automatic programmes per vehicle type, a manual control option, and a 24 VDC traffic light at the bay. Red is running or off, green is ready to wash.

Chassis wash

Dedicated chassis-spray nozzles for the underbody. No spray pressure is published for them.

Hydrowash, the brushless option

High-pressure water robots wash without touching the vehicle, for liveried and wrapped fleets.

Winter option: an automatic push-button evacuation system drains the lines below +4°C. Throughput in vehicles per hour is not published. It depends on the wash programme and the vehicle, and it is confirmed at proforma stage.



A SUNRISE gantry washing a bus. Two vertical brushes work the sides, one horizontal brush works the roof and the front. The machine photographed is a SUNRISE W4200.

Specification

Measurement	Unit	W4000	W4700
Maximum washing height	cm	420	470
Maximum washing width	cm	285	285
Machine width, excluding water shields	cm	465	465
Machine height	cm	510	560
Rail gauge	cm	400	400
Power installed	kW	6 / 20	5.3 / 9
Power installed, optional equipment	kW	50 / 75	50 / 75
Voltage	V	380	380
Frequency	Hz	50	50

Water shields add 14 cm to each side of the machine width. Throughput in vehicles per hour is not published for either model. It depends on the wash programme and the vehicle, and it is confirmed at proforma stage.

Figures as published by Europe Makine for the SUNRISE W4000 and W4700 at europemakine.com. Nothing on this sheet is estimated, rounded, converted or taken from another model. A published rail length row is omitted because its stated unit is not credible for a gantry rail.

Measurement	Unit	W4000	W4700
Washing time per vehicle	min	5 - 6	7 / 14
Water pressure	bar	3.5 - 4	3.5 - 4
Water requirement	lt/min	70 - 80	70 - 80
Water requirement, optional equipment	lt/min	250	250
Air pressure	bar	6	6
Air requirement	lt/min	15	15
Electricity	kWh/vehicle	0.12 - 0.15	0.12 - 0.15
Shampoo	gr/vehicle	10 - 20	10 - 20
Brush units, vertical / horizontal		2 + 1	2 + 1

What the site needs

465 cm

Machine width, excluding shields

510 / 560 cm

Machine height, W4000 / W4700

400 cm

Rail gauge

380 V

Supply voltage

6 bar

Air pressure

Services to bring to the machine

Electrical supply	380 V, 50 Hz
Power installed, W4000	6 / 20 kW
Power installed, W4700	5.3 / 9 kW
Power installed, optional equipment	50 / 75 kW
Water pressure	3.5 – 4 bar
Water requirement	70 – 80 lt/min
Water, optional equipment	250 lt/min
Compressed air	6 bar, 15 lt/min

Consumption figures are the manufacturer's published values for the machine, not a site survey. Water, power, drainage and the length of the rail run at your site are confirmed during the proforma stage.

Running consumption, per vehicle

Electricity	0.12 – 0.15 kWh
Shampoo	10 – 20 gr
Washing time, W4000	5 – 6 min
Washing time, W4700	7 / 14 min

Supplied with the machine

Door to door shipping, installation, and six months warranty, as published with the machine.

The bay

The gantry runs on fixed rails at 400 cm gauge. The length of the rail run is not published, because it is set by the bay and the longest vehicle you wash.



SUNRISE W4000 / W4700 truck and bus wash

Europe Makine

Europe Makine builds car wash, truck and bus wash systems and installs them in the United States from its Florida base. The machines on this sheet are manufactured to the same specification we install and service ourselves.

We manufacture the machine

Car, truck, bus and rail wash systems, built to the published specification.

We ship and install it

Door to door shipping and installation are supplied with the machine.

We warrant it for six months

Six months warranty from installation, as published with the machine.

The next step is a proforma

Send us the vehicle types, the tallest and widest vehicle in the fleet, the daily count and the depot layout. We will come back with a proforma quotation for the machine, shipping and installation. There is no charge for it.

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