

■ EUROPE MAKINE

Three-brush rollover car wash

Ephesus

The vehicle stands still and the machine travels over it on rails, washing with two vertical brushes and one horizontal brush.

300_{cm}

Maximum washing height

2-2.5_{min}

Operation time per vehicle

3_{kW}

Power installed



How it washes

The vehicle stays still. The machine travels over it on rails, so a bay needs the rail run and nothing else that moves. Two vertical brushes wash the sides and one horizontal brush washes the front, roof and back.

The brushes are carried on a Brush Swing system. Foam is laid on the vehicle during the wash, and the cycle runs automatically under PLC computer control. One vehicle takes 2 to 2.5 minutes.

Two vertical, one horizontal

Published as 2 + 1 brush units. The horizontal brush runs on an inverter drive, so its speed is adjustable.

PLC computer control

Digital power control, soft start and soft stop on the brushes, a pedestal operator panel and an emergency stop button.

Cars, vans, jeeps and minibuses, up to 300 cm high and 220 cm wide.

Foam wash

A chemical dosing pump feeds the foam laying system, so the vehicle is foamed as part of the cycle.

Rail gauge 300 cm, rail 10 m

The machine runs on fixed rails, so the bay is set out to published dimensions before the machine arrives.



Ephesus in service. The machine runs on the rails set into the bay floor, with the drainage channel between them.

Specification

Measurement	Unit	EPHESUS
Maximum machine width	cm	365
Maximum machine height	cm	400
Maximum washing height	cm	300
Maximum washing width	cm	220
Rail gauge	cm	300
Rail length	m	10
Power installed	kW	3
Voltage / frequency	V / Hz	380 / 50

Measurement	Unit	EPHESUS
Operation time per vehicle	min	2 – 2.5
Water pressure	bar	3.5
Water consumption	lt/min	60 – 80
Air pressure	bar	6
Air requirement	lt/min	56
Electricity	kWh/vehicle	0.15
Brush units, vertical / horizontal		2 + 1

Figures as published by Europe Makine on the Ephesus product page at europemakine.com. Nothing on this sheet is estimated, rounded, converted or taken from another model. A shampoo consumption figure is not published for this machine, so no row is given for it.

What the site needs

365 cm

Machine width

400 cm

Machine height

300 cm

Rail gauge

10 m

Rail length

380 V

Supply voltage

Services to bring to the machine

Electrical supply 380 V / 50 Hz

Power installed 3 kW

Water pressure 3.5 bar

Water consumption 60 – 80 lt/min

Air pressure 6 bar

Air requirement 56 lt/min

Running figures

Electricity 0.15 kWh/vehicle

Operation time 2 – 2.5 min/vehicle

Water 60 – 80 lt/min

Air 56 lt/min

Supplied with the machine

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

Water and air are published as flow rates, not as a quantity per vehicle, and are printed as published. A shampoo consumption figure is not published for this machine. Water, power and drainage at your site are confirmed during the proforma stage.



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 site and the vehicles you expect to wash. We will come back with a proforma quotation for the machine, shipping and installation. There is no charge for it.

Email

sales@europemakine.com

Telephone

+1 561 825 7363

Web

europemakine.com

Europe Makine ve Dış Ticaret LLC • 6741 S Military Trl,
Green Acres, FL 33463