

DASS[®]
GLOBAL

Temassız Oto Yıkama Makinası

AQUA WASHER

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VIDEO



**MADE IN
TURKEY**



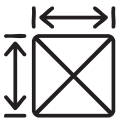
**FACTORY
SAKARYA**



Industry Standards *Redefined*



**1\$
Washing Cost**



**55 m²
Installation Area**



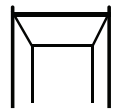
**10-Year Spare Parts
Availability Guarantee**



**Sensor-Based
Vehicle Recognition System**



**3-12 dk
Wash Mode Option**



**Steel-Galvanized
Coated Profile**

Work Stages



Stage 1

UNDERCARRIAGE WASHING

The vehicle's wheel area and underbody are cleaned of heavy dirt.



Stage 2

INSECTICIDE

It softens residues stuck to the vehicle to facilitate their removal.



Stage 3

Foaming

It thoroughly foams the entire vehicle body with 5 nozzles.



Stage 4

Washing

The washing process is performed with 14 nozzles using water at 150 bar pressure.



Stage 5

Quick Polish

A quick polish is applied to the vehicle surface.



Stage 6

Drying

It provides drying on the vehicle surface with 4 powerful 7.5 kW fans.

All processing times and quantities can be adjusted as desired.

Washable Vehicle Types

All

Cars – SUVs – Pickup Trucks



Maximum System Size

Length: 8.500 mm
Height: 4000 mm
Width : 5000 mm

Maximum Vehicle Dimensions

Length: 5.900 mm
Height: 2.100 mm
Width : 2.100 mm

Technical Specifications

Voltage	380V - 50/60 Hz
Maximum Vehicle Size (L x H x W)	5900mm x 2100mm x 2100mm
Total Power Consumption	67 kW
Water Pump	3 x 11 kW, 150 Bar, 100 lt/dk
Foam Tank	300 lt / 8 Bar
Number of Foam Nozzles	5 Open, 3 Closed (Openable)
Water Tank	1000 lt (Not Included)
Number of Pressurized Water Nozzles	14 Open
Polishing Tank	300 lt
Fly and Insect Spray	300 lt
Process Flow	3-12 dk
Drying System	4 Fans / 4 x 7.5 kW
Control System	Touchscreen (PLC) Control. Fully Automatic Deltadop 7" HMI
Scanning System	32 kHz Ultrasonic Sensor Device
Chassis	Steel-Galvanized Coated Profile
Color Option	Blue - Red - Green

Product Appearance Option

Branded Clothing

Tempered Glass Cladding



Expenses

Technical Specifications	AQUA WASHER
WASHING PROGRAMS	Eco - Normal - Comprehensive
MAXIMUM VEHICLE WASHING DIMENSIONS	5900 x 2100 x 2100 mm
MINIMUM INSTALLATION DIMENSIONS	8500 x 5000 x 4000 mm
TOTAL WEIGHT	6.878 kg
DRYING METHOD	Fan 4 x 7.5 kw
POWER REQUIREMENT	380V 50-60 Hz 125 Amp.
PUMP MOTOR POWER	3 x 11 kw
TOTAL POWER	67 kw
DRYING POWER	Fan 4 x 7.5 kw
DRYING POWER	37 kw
PUMP FLOW RATE	120 Lt
PUMP PRESSURE	110 - 150 bar
NUMBER OF LOWER WASH NOZZLES	8 adet
WASH ARM NOZZLE COUNT	14 adet
FOAMING NOZZLE COUNT	5 adet
UNDERWASH WATER CONSUMPTION	30 lt
PREWASH WATER CONSUMPTION	100 lt / dk (150 bar Pressure)
WASH WATER CONSUMPTION	100 lt / dk
FOAM WATER CONSUMPTION	5 lt
POLISH WATER CONSUMPTION	3 lt
INSECTICIDE WATER CONSUMPTION	30 lt / Wet Spray
SPRAY SPRAY WATER CONSUMPTION	5 lt
INSECTICIDE CONSUMPTION	30 lt / Wet Spray
PRE-WASH FOAM CONSUMPTION	500 ml
FOAM CONSUMPTION	115 ml
POLISH CONSUMPTION	40 ml
ELECTRICITY CONSUMPTION	1.50 kw
WASHING TIME	5 - 12 dk
FOAM SYSTEM	Air Presure
WASHABLE VEHICLE GROUP	Standard: Hatchback - Sedan - SUV / Optional: Minibus - Panel van
PLC	Delta
TOUCH SCREEN	Delta 7" Hmi
SENSORS	1 lazer meter, 4 npn, mc Sensor, 2 ad. BFT Door Sensors
ELECTRICAL SYSTEM	Automation
PAYMENT SYSTEM	Standard: Token, Button, Coin / Optional: Credit Card, Barcode
CONTROL SYSTEM	Remote Control, Touchscreen
DIRECTION SIGN	Applicable
USAGE LICENSES	CE Certificate
SEASONAL USE	4 seasons

The company reserves the right to make changes to prices and the products and services offered at any time.

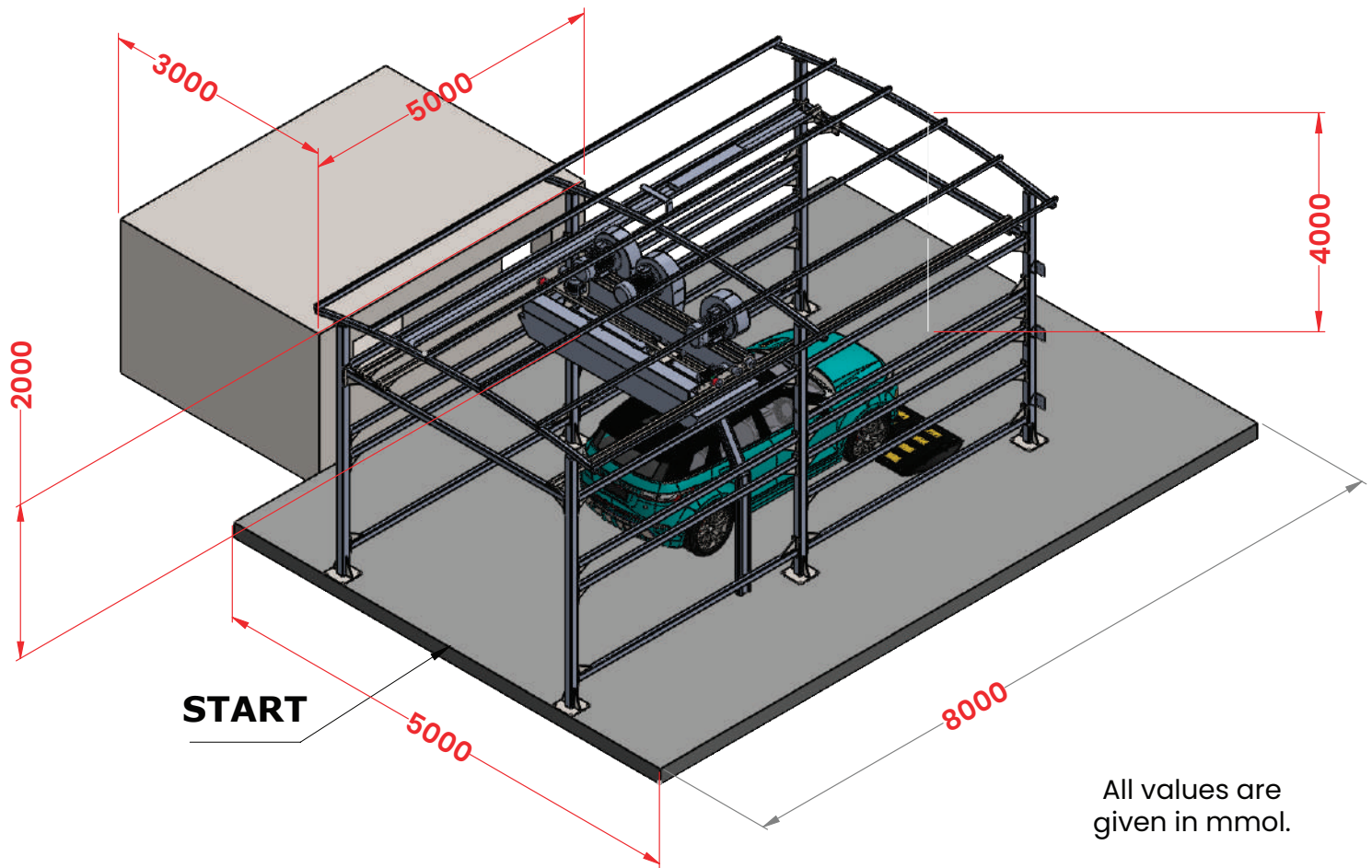
Vehicle Consumption Expense

UNIT	CONSUMPTION	VALUE
Electricity	1,8 kWh	\$0.29
Water	230 L	\$0.35
Foam	10 ml	\$0.04
Wax	10 ml	\$0.10
Insecticide	25 ml	\$0.30
Total:		\$1.08*

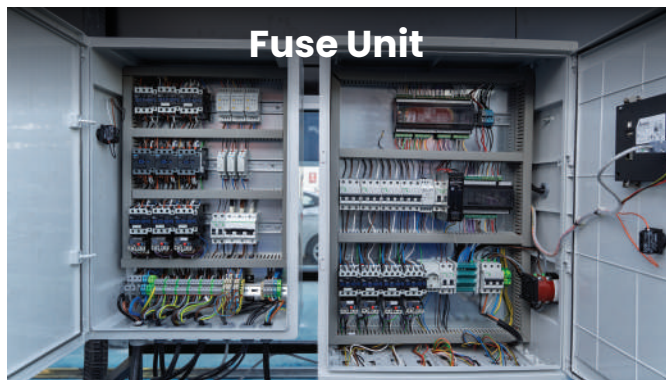
*The calculation was made based on the average electricity and water pricing across Turkey as of August 2025, using a typical car wash scenario. Consumption amounts and TL equivalents may vary depending on the brand and quality of the chemicals.

Requirements for the Area to be Established

(Requirements for Your Infrastructure)



- 60 kW capacity, 380V mains
- 5x16 cable, 125A residual current device
- 5 x 16 electrical wiring
- Water softening system (if your water is hard)
- 12 bar 500 liter compressor
- 5 x 8 m flat floor with water drainage system
- 3 x 5 m area for the machine room
- Slight slope to the surface and water gutter
- 5-ton water tank
- Water, 1 faucet
- Water outlet with valve for 1-inch hose
- Minimum 1-ton float-type water tank
- **The floor must be completely level**





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