

→ Location assessment → Estimation of cost-effectiveness or profitability → Equipment selection → Design of the structure

→ Construction of the plant/facility → Installation and putting into operation → Training and technical documentation → Servicing

IDEAL SOLUTION FOR WASHING COMMERCIAL VEHICLES



MOBIWASH™
PROFESSIONAL
TRUCK WASHING SYSTEM



MOBIWASH

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MW4200I HP PROFESSIONAL



MW Professional Truck. Semi-automatic combined washing facility made of inox with one brush and high-pressure pump for quick and efficient wash trucks, tugs and other commercial vehicles. Semi-automatic combined washing facility made of inox with one brush and high-pressure pump for quick and efficient wash. This is an easy-to-operate, washing facility of 4230 mm for washing trucks, tugs and other commercial vehicles.

Easy operation ensures maximum efficiency in vehicle washing. This semi-automatic combined washing facility for contact and non-contact washing is an ideal solution for fast and thorough cleaning of the side, front and rear parts of the vehicle such as chassis, bumpers and other hardly accessible parts of the vehicle. All parts are carefully selected to ensure long lasting and safe operation of the machine. Also, all parts are laboratory tested and guarantee the highest level of safety for the operator and the environment, the installation management system will, besides the safety, enable easy operation.

Reliable and massive construction is made of stainless-steel in state of art modern design. This material guarantees the best protection against corrosion and resistance to all kind of weather conditions. The machine is powered by a gear motor. Contact washing with the brush is powered by the 1,5 KW motor with reducer. Two way movement of the brush ensures faster and more efficient wash. Non-contact washing is powered by the 5,5 KW high-pressure pump with pressure up to 200 bars.

An incline of up to 10%, which is simply adjusted by a button on the side of the washing plant, within the double command system is available on both sides, thus it will allow the brush to reach the vehicle to the optimum extent and maximize the efficiency of washing. The brush made of profiled polyethylene fibers, 0,9 mm thickness, during the washing process creates a volume of 1000 mm, and thus guarantees the best efficiency. The spray protection of the rotating brush is made of a XT acryl extruded plate 2mm thickness. This extraordinary material aside its brilliant look whose structure brings state of art transparency and clear picture of the brush work during washing process also has very high degree of bending resistance and UV protection.

Washing facility is moved by aluminum wheels with bearings and rubber lining which contributes to longevity and very low wearing degree. They are

distinguished by their massive, resistant tread and extremely easy manipulation. The limiter of soft rubber wheels makes it easy for the operator to maintain the optimal distance between the machine and the vehicle for efficient brush work.

Shampooing equipment is standard in all machines and will additionally improve efficiency in the speed of removing impurities on the vehicle. This state of art equipment also disposes with shampoo consumption regulator. The Mobiwash Concept for professional application enables modifications to the construction of the washing facility and can be adapted for efficient washing also of tanks or working vehicles.

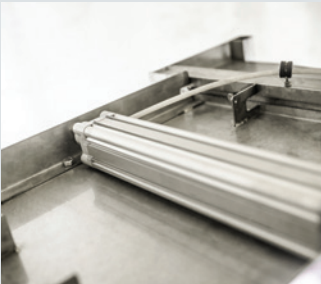
TECHNICAL INFORMATION

Washing height	4230 mm
Number of phase currents	3
Voltage current	400V
Frequency	50Hz
Connection	5x2,5mm2
Fuses	16A
Voltage of the command set	24V
IP Protection Class	IP 56
Network water supply	3/4"
Water pressure	6 bar
Water temperature	min 4 °C max 40 °C
Water consumption by contact wash	9 lit/min
Water consumption by high pressure pump	15 lit/min
Maximum pressure of the high pressure pump	200 bar



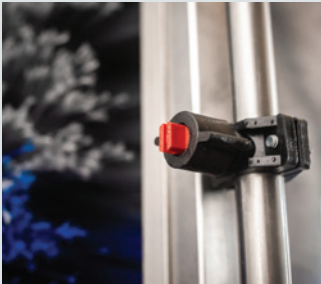
DOUBLE COMMANDS

Commands at the both sides of the machine, positioned at the control handle. They regulate the inclination and direction of movement of the brush.



WASHING INCLINE

The tilt cylinder placed on the top of the brush allows independent movement of the slope of the brush in relation to the construction of the machine



WATER AND SHAMPOO APPLICATION

Sprayers arranged on 2 strings, 10 sprinklers on each vertical provide uniform application of shampoos and water to the vehicle and brushes.



WASHING UNDER HIGH PRESSURE

Non-contact washing of all hardly accessible parts of the vehicle. Output power of the pump is 200 bars with standard autonomy of 10m