

# MACH

FLOOR CLEANING MACHINES

made in Italy



SCRUBBER-DRYER LINE

# M1100-R

SWEEP AND SCRUB IN ONE PASS

CYLINDRICAL RIDE-ON SCRUBBER-DRYER,  
FOR LARGE AREA CLEANING



ECOSYSTEM®



DOSEMATIC®



FLOWMASTER®

# M1100-R

## THE "2 IN 1" FROM MACH

Save on investment and running costs with a sweeper-scrubber.

Cut costs using a combined on-board machine. The M1100-R has been designed to sweep, scrub and dry contemporarily, all in a single pass.

The patented ECOsystem® saves water and detergent, maximizing productivity while reducing costs and the environmental impact of cleaning. This technology provides three times more uptime for every tank refill, making the M1100-R the ideal machine for daily cleaning operations.

The machine is fitted with two cylindrical brushes, which rotate at high speed, allowing you to sweep and scrub in a single pass. The brushes pick up debris and at the same time guarantee exceptional cleaning results.

MACH's powerful drying system maximizes water pick up, leaving floors clean and completely dry. With the M1100-R floors are immediately ready for traffic, without the risk of slip and fall accidents.

The M1100-R is designed to work in tough applications. The machine is constructed with high quality materials to enhance performance, reliability, resistance, and durability over time.

With a 110 cm cleaning path and a forward speed of up to 8 km/h, the M1100-R delivers an impressive hourly productivity rate of 8,800 m<sup>2</sup>/h.

It's versatile and can be used to clean both large areas and compact spaces.



### SIMULTANEOUSLY SWEEPS AND SCRUBS



The M1100-R sweeps, scrubs, and dries in a single pass, saving time, resources, and equipment

### HIGH CAPACITY SOLUTION TANK



Boost uptime with ECOsystem® technology, which increases the productivity of the high capacity 220 L solution tank by up to 3 times.

### REINFORCEMENTS FOR DIFFICULT ENVIRONMENTS



The optional overhead guard is made with thick steel to protect the operator and the machine against potential impact and stress.

### MAINTENANCE MADE EASIER



The components of the machine that require inspection and maintenance can be easily removed, without using tools.

### FEATURES

- Simple and intuitive to use
- Quiet during operation
- ECOsystem® as standard, with automatic cleaning cycle
- Front and rear lights included
- Traction motor protected against impact, dirt, and humidity
- Quick brush coupling / uncoupling
- Solution tank easy to refill
- FlowMASTER® - 5 levels of cleaning solution flow, proportional to the forward speed of the machine
- Stainless steel debris collection basket
- DoseMatic® automatic detergent dosing system with automatic circuit cleaning
- Recovery tank easy to clean and maintain
- Self-levelling splash guard with pre-scrub setting
- Adjustable squeegee, without the need for tools
- Squeegee blades can be used on 4 sides
- Maximum speed selector

## ERGONOMIC CONTROLS

The ergonomic control panel is fitted with practical and intuitive controls, which allow the operator to access all the machine's functions directly from the driver's seat.



## INTEGRATED DOSE-MATIC® SYSTEM

Thanks to a simple control it's possible to personalize in real time the percentage of detergent according to the type of dirt present on the floor. Dose-Matic® reduces detergent consumption by up to 50% and increases both productivity and the quality of cleaning results.



## SIDE BRUSHES

Available on request, the side brushes extend the M1100-R's cleaning path, increasing productivity, and making it possible to clean hard to reach areas.



## ONEPASS® DRYING SYSTEM

MACH's drying system guarantees clean and dry floors, ensuring maximum safety and hygiene. The squeegee blades can be used on four edges and can be adjusted and changed without the need for tools.



## ECOSYSTEM®



This exclusive system which reuses cleaning solution, saves water, detergent, and hours of work, with significant savings on running costs.



### VERSIONS

ECO – with ECOSYSTEM® as standard

### APPLICATIONS

Industrial sites, local councils, schools, offices, hospitals, religious buildings, airports, ports, shopping centers, logistic centers, and contract cleaners.

### SURFACES

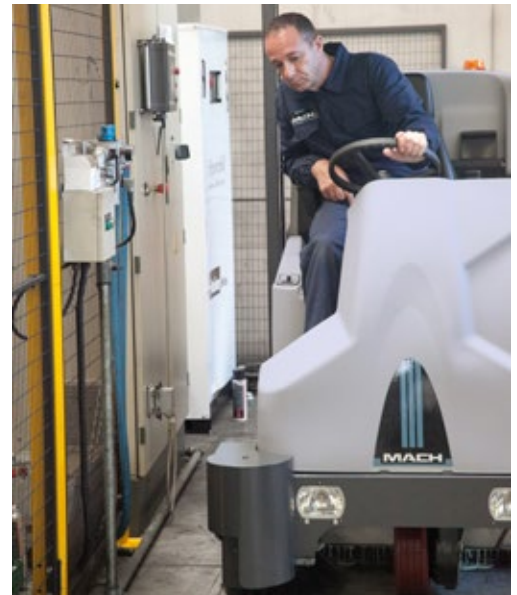
Ceramic, marble, cement, linoleum, porcelain tiles, non-slip floors and rubber.

	M1100-R
CLEANING PATH	1.100 mm
FORWARD SPEED	8km/h
HOURLY PERFORMANCE	8.800 m <sup>2</sup> /h
SOLUTION TANK CAPACITY	220 L
RECOVERY TANK CAPACITY	240 L
BRUSH PRESSURE	45 kg
SUPPLY VOLTAGE	36 V
WEIGHT WITH BATTERIES AND CHARGER	1.200 kg
DIMENSIONS WITHOUT SQUEEGEE	1.940 x1.170 x1.640 mm
WIDTH WITH SQUEEGEE	1.260 mm

### PLUS



HIGH CAPACITY TANKS, EASY TO MAINTAIN / BRUSH DECK AND SQUEEGEE STAINLESS STEEL AS STANDARD / PARABOLIC AND ADJUSTABLE SQUEEGEE / EXCELLENT BATTERY AUTONOMY / DOUBLE VACUUM MOTOR / STAINLESS STEEL ANTI DUST FILTER PROTECTS VACUUM MOTOR / STAINLESS STEEL DEBRIS BASKET IN RECOVERY TANK / ONBOARD BATTERY CHARGER / POWERFUL TRACTION MOTOR IN PROTECTED POSITION / OPTIONAL DOUBLE SIDE BRUSH / SELF-LEVELLING SPLASH GUARD / ECOSYSTEM® AUTOMATIC CLEANING



**MACH**  
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