

# Scrubber

## TOPAZ 90



Ride-on machine with traction



Power supply 36V/320Ah



Theoretical hourly performance 3.5-4.5h



Cleaning width 900mm



Solution/recovery tanks 180/190l



Disc brush 2x460mm



Brush pressure max. 140kg



Brush speed 190rpm



### OPTIONAL



TELEMATICS



3S - Solution saving system



3SD - Solution saving system Dispenser



Ozono system



Combination 3SD + Ozone combination

The **Topaz 90 floor scrubber** combines power, autonomy, and innovative design, offering an effective solution for cleaning **large industrial and commercial surfaces**. Thanks to its large tanks, it allows for extended operation without interruptions, while its ergonomic construction ensures **maximum comfort for the operator**. Perfect for environments such as **logistics centers, manufacturing plants, and shopping centers**, it guarantees flawless results with a high level of productivity.



## TECHNICAL DATA

**Manufacturer:** Floorpul NV  
**Registered Office:** Generaal Deprezstraat 10A  
8530 Harelbeke  
West-Vlaanderen - Belgium

<b>Theoretical productivity:</b>	<b>6750 m<sup>2</sup>/h</b>
<b>Squeegee width:</b>	<b>1100 mm</b>
<b>Brush motor:</b>	<b>2x 700 Watt</b>
<b>Traction motor:</b>	<b>1200 Watt</b>
<b>Maximum gradient:</b>	<b>10%</b>
<b>Forward speed:</b>	<b>7.5 km/h max</b>
<b>Right turning radius:</b>	<b>2670 mm</b>
<b>Left turning radius:</b>	<b>2790 mm</b>
<b>Suction motor:</b>	<b>2x 570 Watt</b>
<b>Suction vacuum:</b>	<b>190 mbar</b>
<b>Machine dimensions:</b>	<b>L: 1962 mm</b>
	<b>(w/o squeegee) W: 985 mm</b>
	<b>(with roll-bar) H: 1865 mm</b>
	<b>(without roll-bar) H: 1613 mm</b>
<b>Machine weight (w/o batteries)</b>	<b>453 kg</b>
<b>Battery compartment:</b>	<b>L: 620 mm</b>
	<b>W: 540 mm</b>
	<b>H: 460 mm</b>
<b>Class:</b>	<b>III</b>
<b>Protection level:</b>	<b>IP X3</b>

## WELLBEING and COMFORT FOR THE OPERATOR



Sound pressure level L<sub>pa</sub>  
(in accordance with annex DD IEC/EN 60335-2-72)

**77.2 db (A)**



Sound pressure level:  
in SILENT mode

**71.9 db (A)**

Hand-arm vibration level  
(in accordance with annex EE IEC/EN 60335-2-72)

**0.45 m/s<sup>2</sup>**

## DECLARATIONS



Machinery compliant with the safety and quality standards required by current European legislation and supplied with an EC Declaration of Conformity.



Machinery compliant with Regulation (EC) No. 1907/2006 (REACH) on the Registration, Evaluation, Authorisation and Restriction of Chemicals.



Machinery made with components that comply with Directive 2011/65/EU and 2015/863 (RoHS), which restricts the use of hazardous substances in electrical and electronic equipment.

## STANDARD FLOORPUL TECHNOLOGIES ON THIS MODEL

### SAFETY

#### Operator Detector



Sensor guaranteeing that the operator always has control of the machine before startup.

#### WorkFlash - Machine beacon



Beacon signalling the machine's working status, alerting to the presence of moving parts.

#### CSC - Cornering Stability Control



Automatically reduces speed around corners to prevent overturning.

#### Speed Tutor - Speed control



The operator adjusts the working speed to adapt to cleaning requirements.

#### Speed-Limit - Speed limiter



Adjustable speed limiter for increased safety and control depending on the work environment.

#### Quick-dry



Quick-drying system that collects water in real time for immediately dry floors.

#### SafeHorn



Emergency horn to signal hazardous situations.

#### BackAlert - Reverse alert signal



Beeper warns operators and people in the vicinity when the machine is reversing.

#### Electric Braking - Electric brake



Built-in electric brake to ensure safe and precise automatic braking.

#### Emergency Stop - Emergency switch



Emergency button for stopping immediately if necessary.

### PERFORMANCE AND QUALITY

#### Anticorrosion Coatings - Anticorrosion protection



Standard anticorrosion treatment to boost machine durability against water and aggressive detergents.

#### Brush pressure control



Brush pressure control system for optimising performance according to the surface and level of dirt.

#### Battery check - Charge indicator



Charge indicator shows battery status in real time.

#### ACDrive - AC Drive



Alternating current (AC) motor for greater efficiency, durability and performance.

#### Hour-meter



Built-in hour meter to monitor usage hours and schedule maintenance.

#### Battery-Care - Battery protection



Battery protection system with progressive interruption of functions to safeguard durability.

#### FlexBase - Translating base



Translating base protects the machine structure from accidental impact.

#### Quick brush - Quick brush engage/release system



Quick brush engage/release system for easier maintenance.

## STANDARD FLOORPUL TECHNOLOGIES ON THIS MODEL

### OPERATOR

#### WorkMode – Work mode selection



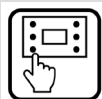
Manual and automatic work modes available for more flexible use.

#### ElemenTag – Items recognisable for maintenance



Items highlighted in black for immediate identification of parts subject to maintenance.

#### Digital control – User friendly electronic dashboard



Automatically reduces speed around corners to prevent overturning.

#### Work-Ease – Ergonomic work adjustment



Ergonomic driving position adjustment for maximum comfort.

#### Platform Shift – Ergonomic platform adjustment



Ergonomic platform adjustment for improved operator comfort.

#### Flip Roll-bar – Flip roll-bar



Roll-bar flips up to facilitate machine transportation.

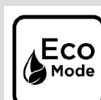
### ENVIRONMENT

#### SmartStop – Start & Stop



Technology that automatically stops cleaning when the machine is stationary, avoiding waste.

#### EcoMode – Ecomode selection



Work mode that uses less energy, water and detergent to reduce environmental impact.

#### SilentMode – Noise reduction technology



Noise reduction technology, ideal for sensitive settings such as hospitals and schools.

#### ControlFlow – Even solution flow



The solution flow is continuous and controlled on all brushes, even with water reduction systems.

## OPTIONAL FLOORPUL TECHNOLOGIES ON THIS MODEL

#### TELEMATICS – Fleet management system



Telematic system for real-time machine monitoring and fleet optimisation.

#### Safe-belt – Seat safety belt



Safety system ensuring the belt is used correctly, further protecting the operator

#### ShineBoost – Shinier floors



Combination of ozone and abrasive pads to boost the shine of glossy floors.

#### Armrest-seat – Armrests



Safety and ergonomic system ensuring the operator is properly seated on ride-on machines