

ghibli & wirbel

Professional Cleaning Machines Since 1968

RACER 85



**THE INNOVATIVE RIDE-ON SCRUBBER DRYER WITH A MODERN
AND IMPACTING DESIGN, CONCEIVED TO FIGHT THE MOST
STUBBORN DIRT IN A SIMPLE AND FAST WAY.
COMPACT AND EXTREMELY MANOEUVRABLE, IT STANDS OUT
FOR PRACTICALITY AND EASE OF USE.
RACER: AGILE AND FAST TO FACE ANY KIND OF CHALLENGE!**

RACER FAMILY



RACER R 85 FD 65
65 cm twin brushes,
basic version
(without batteries and battery charger)



RACER R 85 FD 65 BC
65 cm twin brushes,
Gel battery set (2 pcs) 12V 105Ah +
24V 13A battery charger
on standard equipment



RACER R 85 FD 65 BC PLUS
65 cm twin brushes,
Gel battery set (4 pcs) 6V 180Ah +
24V 30A battery charger
on standard equipment

PRODUCT IDENTIFICATION

TYPE	REF. NO.
RACER R 85 FD 65	10.0675.00

TYPE	REF. NO.
RACER R 85 FD 65 BC	13.0675.00

TYPE	REF. NO.
RACER R 85 FD 65 BC PLUS	15.0675.00



RACER R 85 FD 75
75 cm twin brushes,
Basic version
(without batteries and battery charger)



RACER R 85 FD 75 BC
75 cm twin brushes,
Gel battery set (2 pcs) 12V 105Ah +
24V 13A battery charger
on standard equipment



RACER R 85 FD 75 BC PLUS
75 cm twin brushes,
Gel battery set (4 pcs) 6V 180Ah +
24V 30A battery charger
on standard equipment

PRODUCT IDENTIFICATION

TYPE	REF. NO.
RACER R 85 FD 75	10.0775.00

TYPE	REF. NO.
RACER R 85 FD 75 BC	13.0775.00

TYPE	REF. NO.
RACER R 85 FD 75 BC PLUS	15.0775.00

RACER R 85 FD 65/75

Racer R 85 is the ride-on scrubber dryer designed for cleaning operations in medium areas. Compact dimensions and the extreme manoeuvrability allow Racer to work without problems even in the narrowest and most congested spaces, such as supermarket's corridors and counters, avoiding obstacles in a rapid and effective way. 85 liter capacity and 650 and 750 mm of cleaning widths ensure the best cleaning performance. Furthermore, the low noise level makes Racer perfect for day cleaning in all the environments (hospitals, resthomes, schools) where silence is a must. Thanks to the extra down pressure (easily managed by the control panel) Racer is able to carry out every kind of cleaning tasks; the retractable brush head is able to perfectly adapt itself to any obstacle and makes Racer the ideal machine for cleaning closed to wall. The aluminium squeegee, with natural rubber blades supplied as standard, guarantees excellent drying performance on every kind of surface. In the event of accidental impacts, the squeegee can also move and automatically retract under the machine frame, guaranteeing maximum safety and effectiveness.

The practical and intuitive control panel ensures the management of all the machine functions:

- it is possible to be immediately ready for the work session thanks the READY TO GO function which allows, by pressing a single button, the activation and setting of all the main functions of the machine;
- the ECO SYSTEM program optimizes consumptions and eliminates waste, making Racer an eco-friendly machine.

Racer is easy to use, no training is required and even daily maintenance operations are quick and easy. That is why even the untrained operators are able to work with this professional scrubber dryer. Available in six versions, two basics and four full package (two of which BC and two BC PLUS), with batteries and battery chargers included, Racer can reach up to 4 hours running time in the BC PLUS version!



TECHNICAL DATA

FEATURES		FD 65	FD 75
Cleaning width	mm	650	750
Squeegee width	mm	850	950
Productivity (theoretical - practical)	m²/h	4000 - 2400	4500 - 2700
Power supply		Battery 24V	
Installed power	W	2150	
Advancement		with traction	
IP code		IPX3	
BATTERIES			
Type		Gel battery set (2 pcs) 12V 105Ah (*) - Gel battery set (4 pcs) 6V 180Ah (**)	
Running time	h - min	2 h (*) - 4 h (**)	
Battery compartment dimensions x No	mm X nr	380x540x310 X 1	
BRUSHES			
Pad diameter x No	mm - inch x nr	330 - 13" x 2	380 - 15" x 2
Motor rating x No	W x nr	500 x 2	
Motor speed	rpm	165	
Down pressure - Contact pressure	Kg - g/cm²	32,5;49,5 - 30;46	35;52 - 21;32

TRACTION		
Motor rating	W	600
Driving speed	Km/h	6
Hill climbing ability (full load)	%	2
Hill climbing ability (empty)	%	12
VACUUM		
Motor rating	W	550
Vacuum	mbar - mH ₂ O	125 - 1250
Airflow rating	l/s	30
Noise level	dB(A)	68/59 (***)
TANK		
Type		Double tank
Cleaning solution tank	l	80
Recovery tank	l	85
Weight (empty/with batteries)	Kg	213 - 285 (*) - 333 (**)
Dimensions	mm	1375 x 880 x 1230 1375 x 950 x 1230

(*) For BC version
(**) For BC PLUS version
(***) Silent mode function

RACER, WIN YOUR CLEANING CHALLENGE!

85 liter capacity and small size make Racer the ideal ride-on for any type of environment! The compact shape, in fact, allows the operator to move even in the most difficult places.



Between walls, corners, elevators, narrow corridors or supermarket counters, there is no space where Racer can't get to.



But the real element that makes this scrubber dryer unique is its manoeuvrability. As a matter of fact Racer is narrow and ergonomic: this allows it to easily perform even the most complicated operations where all the ride-on, including the most compact ones, can't achieve satisfactory cleaning results.



Unsurpassed in cleaning close to wall, thanks to the automatic return of the brush head and the squeegee in the event of accidental collisions, it can move without problems even in the most difficult environments.

RACER, EXCELLENT PERFORMANCE!

MAXIMUM FLEXIBILITY



Two cleaning paths, thanks to the 65 and 75 cm twin brush heads, to adapt to any type of environment, from cleaning small/medium-sized areas to the most congested ones.



The large **capacity of the solution tank** (up to 80 liters) along with the electronic water regulation, allows to work continuously without refilling and emptying too frequently.

REMARKABLE RUNNING TIME



The wide range of models allows the operator to choose the most suitable solution for several working needs. Different running times: from two hours of the BC versions (with 12V 105Ah battery set) up to four hours of non stop work of the BC PLUS versions equipped with 6V 180Ah battery set.

Two versions of on board battery chargers: charging time of 12 hours for the 13A model (on standard equipment for the BC versions) and charging time of 8 hours for the 30A model (on standard equipment for the BC PLUS versions).

HIGH PRODUCTIVITY

The adjustable speed up to 6 km/h allows Racer to reach a **productivity** of 4000 m²/h for the FD 65 models and 4500 m²/h for the FD 75 ones, allowing a considerable saving in the hourly cost of cleaning operations.



INNOVATION...

THE PRACTICAL AND INTUITIVE CONTROL PANEL ENSURES THE MANAGEMENT OF ALL THE MACHINE FUNCTIONS



READY TO GO

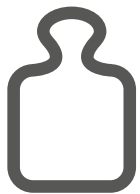
READY TO GO

The function that allows Racer to be immediately ready for the work session. By pressing a single button, it is possible to activate and to set suction, brush head group, water and chemical mixing system (if present).

ECO

ECO SYSTEM

By pressing the ECO button all the previously selected working parameters (water, chemical concentration, if available, suction power and brush pressure) are reduced for maximum optimization of consumption. Ecology and savings in all working conditions!



EXTRA DOWN PRESSURE

Ideal for dealing with any type of dirt, even the most stubborn one.



SILENT MODE

Necessary for day cleaning and for work in "sensitive" areas (hospitals, retirement homes, schools).



AND CONTROL

RACER IS EVEN EASIER TO USE THANKS TO THE ARRANGEMENT OF THE BUTTONS ON THE DASHBOARD.



MOTION CONTROL

Thanks to the practical buttons placed in a convenient position to reach, speed and direction adjustment are electronically managed in order to always have the machine movements under control.



ELECTRONIC WATER REGULATION

Five selectable levels allow the operator to use the amount of water suitable for each situation.



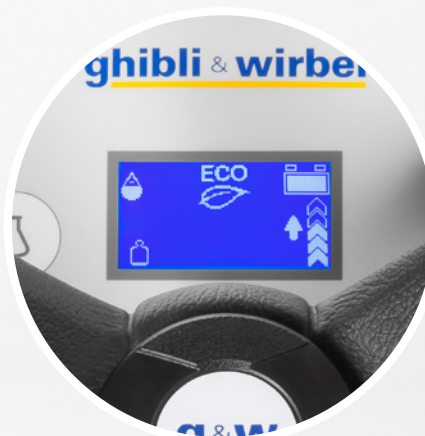
CHEMICAL MIXING SYSTEM

In the event that the machine is equipped with the chemical mixing system (optional), the panel is already set up for use: the percentage of detergent, in fact, can be easily selected from five available levels.



BRUSHES AND SUCTION

These two buttons, in addition to the activation of brush group and the suction motor, allow to manage the lifting of the head brush and the squeegee thanks to specific actuators.



IMMEDIATE FEEDBACK

The digital display allows a precise and constant control of Racer activities. The status of all functions is displayed on the screen. Even the battery icon, that is present on the display, allows a constant and immediate feedback of the state of charge during work.



QUALITY MADE IN G&W

TOP PERFORMANCE AND RESULTS!

**RACER STANDS OUT FOR
ITS HIGH-LEVEL PERFORMANCE**

CLEANING

The machine (front driven) comes with two versions of twin brush head to meet any operator need. Two 13" brushes in the FD 65 version and two 15" brushes in the FD 75 version guarantee maximum coverage and washing efficiency, even in narrow spaces. In addition, the possibility to choose among a wide range of brushes, with bristles of different sizes (thicker polypropylene or tynex), pad holders and optional pads, allows the operator to tackle any type of dirt with excellent cleaning results.



2 MOTORS

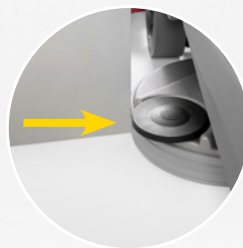
500 W of power for each brush that, thanks to the counter-rotating movement, makes possible the removal of the most stubborn dirt without any effort.

TWIN BRUSHES-DECK SYSTEM

Made of aluminium: shock proof and corrosion resistant;
Retractable: able to adapt perfectly to any obstacle, making Racer incomparable in cleaning close to wall.

SPLASHGUARD

To better protect the most vulnerable parts of the machine and the work environment.



EXTRA DOWN PRESSURE

Activated with a simple button, it allows Racer to face any type of dirt thanks to the possibility of increasing the weight on the brushes up to 52 kg (750 mm cleaning path).



Furthermore, thanks to the ECO SYSTEM, it is possible to guarantee ecology and savings in all working conditions! This program reduces consumption, increasing the running time of the machine and eliminates waste, while allowing to maintain high cleaning performance with the maximum respect for the environment.

DRYING

Compact and reactive, the squeegee naturally adapt itself to the movements of the machine following the head brush. Available in two widths (850 and 950 mm) it guarantees perfect drying results on any type of surface, even when cornering.

VAC MOTOR

Highly performing: 550 W, 3 stage, ensures excellent drying results.

SQUEEGEE GROUP

Made of aluminium: shock proof and corrosion resistant.

NATURAL RUBBER BLADES

On standard equipment, unrivalled on maintenance cleaning and on floors with the most stubborn dirt.



SAFETY AND RELIABILITY

In case of accidental shocks, the squeegee is able to move and automatically re-enter under the machine frame, ensuring ease of action.



CORNER DRYING KIT

Thanks to this practical accessory, available on request, it is possible to vacuum even the most difficult areas to reach with the machine.

SILENT MODE FUNCTION

Allows Racer to be quieter, while maintaining high performance. Ideal for day cleaning and in all the environments (hospitals, rest homes, schools) where silence is a “must”.



TOP PERFORMANCE AND RESULTS!

RACER STANDS OUT FOR ITS HIGH-LEVEL PERFORMANCE

PRACTICAL

THE MODERN DESIGN GIVES THE MACHINE
A GREAT PERSONALITY WHILE MAINTAINING
THE RIGHT COMFORT.

The comfortable seat perfectly hosts the operator allowing him to work in a stable and ergonomic position: at the right distance from the steering wheel, it is ideal during long working sessions in congested areas.

85 cm

37 cm

LIGHT STEERING

Responsive but comfortable to offer maximum driving accuracy.



The control panel is compact and practical. The positioning of the buttons is intuitive and ensures immediate interaction with the machine.

The sturdy non-slip footboard is placed at a proper height and makes it easy and safe to climb on board.

SAFETY

**EVERYTHING HAS BEEN DESIGNED
TO ENSURE MAXIMUM RELIABILITY
AND PROTECTION FOR THE OPERATOR**

Emergency button for interruption of all
activities in case of risk situations.

Front and rear polyurethane wheels:
non-slip and non-marking, they ensure
perfect stability and roadholding.

Automatic speed
reduction
on cornering
at too high speeds.



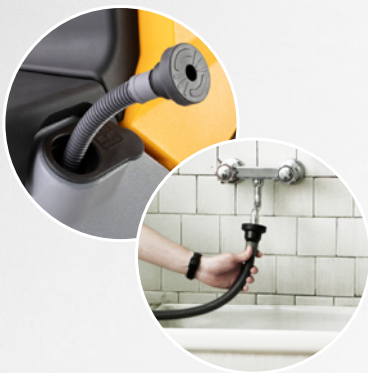
Perfect sight line both during transport and work.



EASY PREPARATION AND ORDINARY MAINTENANCE

RACER'S DAILY MAINTENANCE IS EXTREMELY SIMPLIFIED

TANKS



Fast filling of the solution tank thanks to the extendible filling hose on standard equipment.



Water Stop: fast filling of the solution tank with automatic stop (optional).



Recovery tank easy to drain.



Recovery tank at low height: immediate access and cleaning.

FILTERS



SUCTION FILTER
easy to reach and clean.

DEBRIS TRAY WITH CAP
the practical container that retains large debris. Immediate removal and emptying.

BRUSH HEAD



Immediate access to the brush deck: brushes (or optional pad holders) easy to install/remove.

SQUEEGEE

EASY TO INSTALL AND REMOVE

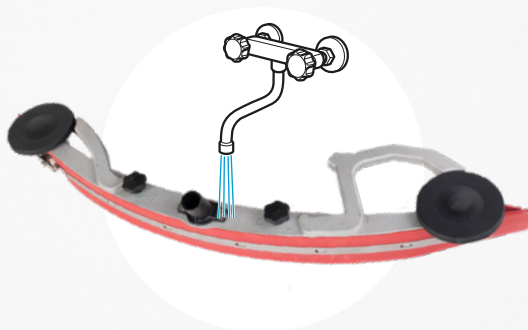


The squeegee can be easily installed or removed thanks to two handy knobs (no tools needed).

RUBBER BLADES CAN BE:



Easily removed thanks to the practical manual release system.



Simply cleaned.



Usable on four sides.

TRANSPORT...



In order to facilitate transport and storage operations, Racer is equipped with a practical support, placed on the recovery tank, to attach the squeegee: minimum space and ease of manoeuvre.

AND RECHARGE



Even in this step, an immediate feedback of the state of battery charge is displayed on the screen.

STANDARD ACCESSORIES



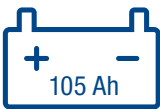
FILLING HOSE

Extendible and equipped with universal coupling for all types of tap.



POLYPROPYLENE BRUSHES 0,7 MM

Resistant and suitable for any type of surface thanks to the bristles with a diameter of 0,7 mm. Available with a diameter of 330 mm (13") and 380 mm (15").



GEL BATTERIES 12V

Set of two Gel batteries 12V 105Ah able to guarantee 2 h running time. On standard equipment for BC version.



GEL BATTERIES 6V

Set of four Gel batteries 6V 180Ah able to guarantee 4 h running time. On standard equipment for BC PLUS version.



ON BOARD CHARGERS

The batteries are easily chargeable in different places or distant, without having to go back to the same place (as standard in BC versions).



NATURAL RUBBER SQUEEGEE BLADES

Highly resistant thanks to a greater adaptability to the ground, for the best drying performance.



SPLASHGUARD

To protect the most sensitive parts of the machine and the working environment.

STANDARD ACCESSORIES

TYPE	REF. NO.	FD 65	FD 65 BC	FD 65 BC PLUS	FD 75	FD 75 BC	FD 75 BC PLUS
Solution tank filling hose	30.0024.00	•	•	•	•	•	•
13" Polypropylene brush Ø 0,7 (*)	40.0011.00	•	•	•			
15" Polypropylene brush Ø 0,7 (*)	40.0008.00				•	•	•
Splashguard	22.0712.00	•	•	•			
Splashguard	22.0713.00				•	•	•
Set natural rubber squeegee blades (front/rear)	96.0176.00	•	•	•			
Set natural rubber squeegee blades (front/rear)	96.0177.00				•	•	•
Gel battery set (2 pcs) 12V 105Ah	22.0724.00		•			•	
Gel battery set (4 pcs) 6V 180Ah	22.0717.00			•			•
On board battery charger 24V 13A	18.0095.00		•			•	
On board battery charger 24V 30A	18.0089.00			•			•

(*) Two brushes on standard equipment

OPTIONAL ACCESSORIES



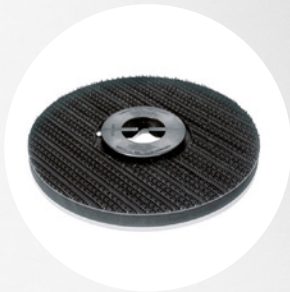
POLYPROPYLENE BRUSHES 0,9 MM

Resistant and suitable for any type of surface. Available with a diameter of 330 mm (13") and 380 mm (15") and bristles with a diameter of 0,9 mm.



TYNEX BRUSHES GRIT 240

Ideal for cleaning rough surface with stubborn dirt thanks to the bristles with a diameter of 0,9 mm. Available with a diameter of 330 mm (13") and 380 mm (15").



PAD HOLDERS

For using the machine with the wide range of pads. Equipped with quick coupling/uncoupling system.



WATER STOP KIT

Fast filling of the solution tank with automatic stop.



CHEMICAL MIXING SYSTEM

Automated system for chemical dispensing.



SET POLYURETHANE SQUEEGEE BLADES

Highly resistant to wear and oils, suitable for any type of surface.



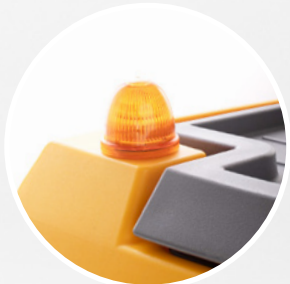
CORNER DRYING KIT

For perfectly vacuum corners and the most difficult areas to reach.



HEADLIGHT KIT

LED headlight to ensure visibility during work in case of low light.



BLINKING KIT

Maximum safety during working sessions.

OPTIONAL ACCESSORIES

TYPE	REF. NO.	FD 65	FD 65 BC	FD 65 BC PLUS	FD 75	FD 75 BC	FD 75 BC PLUS
13" Polypropylene brush Ø 0,9	40.0111.00	•	•	•			
15" Polypropylene brush Ø 0,9	40.0108.00				•	•	•
13" Tynex brush Ø 0,9 grit 240	40.0215.00	•	•	•			
15" Tynex brush Ø 0,9 grit 240	40.0208.00				•	•	•
Pad holder 330 mm (for 13" pad)	40.1004.00	•	•	•			
Pad holder 355 mm (for 15" pad)	40.1008.00				•	•	•
Set polyurethane squeegee blades (front/rear)	96.0176.01	•	•	•			
Set polyurethane squeegee blades (front/rear)	96.0177.01				•	•	•
Chemical mixing system	96.0179.00	•	•	•	•	•	•
Headlight kit	96.0180.00	•	•	•	•	•	•
Blinking kit	96.0181.00	•	•	•	•	•	•
Corner drying kit	96.0182.00	•	•	•	•	•	•
Water Stop kit	96.0183.00	•	•	•	•	•	•

RACER R 85

AT A GLANCE



ghibli & wirbel

Professional Cleaning Machines Since 1968

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RIELLO INDUSTRIES GROUP



100% MADE IN ITALY