



Simpla 50 E-B-BT - 55/65 BT - 50 BS

**A practical, silent, versatile scrubbing machine
with a working width of 50, 56 and 66 cm**





Simpla 50 E-B-BT - 55/65 BT - 50 BS. **Suitable for maintenance cleaning of medium-size floors** **(up to 3000 sq.m.) commercial areas and whenever a very low** **noise level is requested during cleaning operations**

The new scrubbing machines are available in the versions:

- Simpla 50 E-B-BT with 1 disc brush with 50 cm working width,
- Simpla 55-65 BT with 2 disc brushes with 56 and 66 cm working width,
- Simpla 50 BS, sweeping version, with 2 cylindrical brushes with 50 cm working width.

PLUS They stand out in their segment for their:

- strength,
- manoeuvrability,
- low noise level (ensuring work comfort),
- reliability,
- user-friendliness,
- innovative design,
- limited operating costs



Simpla 50 E-B-BT - 55/65 BT - 50 BS.

Innovative technology for perfect cleaning results!

The new Simpla 50 E-B-BT - 55/65 BT - 50 BS scrubbing machines use important technical solutions that improve performance level and **MAKE CLEANING OPERATIONS ECONOMICALLY ADVANTAGEOUS.**

Simpla 50 E-B-BT - 55/65 BT - 50 BS are fitted as

standard with a silenced vacuum head that drastically lowers noise levels.

Upon request, Simpla 50 B-BT - 55/65 BT - 50 BS can be supplied with the new dosing system (CDS - Comac Dosing System) and a built-in battery charger.

With the new dosing system (CDS - Comac Dosing System), there is a reduction of up to 50% of used water and detergent.



Water selector

Detergent selector

Separate water and detergent management



Simpla 50 BS is the sweeping version of the Simpla family. It has a debris hopper to collect small solid waste

● The manual adjustment by means of a cock used on traditional scrubbing machines does not grant the right flow rate nor a constant deliver as the tank empties. We often use more water and detergent than needed - from 30 to 50%. **CDS is the new water and detergent dosing system made by Comac enabling the operator to dose water and detergent separately, thanks to 2 separate selectors.** This means the operator can use the right quantity of solution according to the kind of dirt without wasting solution as it happens with traditional scrubbing machines.

● The use of the CDS ensures increased productivity and operation costs always under control.

● With CDS you can change the type of detergent at any time, simply by replacing the canister (5 l.). This means total safety for the operator who never comes into contact with the chemical product.

● With CDS the cleaning result is always even over the entire surface, thanks to the constant flow of solution onto the brushes.

CDS is available upon request.



Suction motor cover

Excellent suction power with very low noise level (59.2 dB (A))*

The new soundproof head that encloses the suction motor also protects it from any water infiltration and above all ensures an extremely low noise level and a good suction power as well.

For this reason Simpla scrubbing machines can be used for cleaning areas like nursing homes, hospitals and rest homes where the utmost discretion is required during cleaning operations or in retail outlets, like supermarkets during the normal opening hours.

Simpla 50 E-B-BT - 55/65 BT - 50 BS: scrubbing machines: ERGONOMIC AND EASY TO USE, EVEN FOR NON-SPECIALISED PERSONNEL

The elegant instrument panel with its new digital display is user-friendly.

All controls are within easy reach: from speed adjustment (made by a potentiometer) to water and detergent dosing system control.

The ergonomic design of controls ensures intuitive driving, even for non-specialised personnel.

The traction is driven by two small levers near the driving handle, to check movement and working direction.



Built-in 24V/15A battery-charger

Upon request Simpla 50 B-BT - 55/65 BT - 50 BS scrubbing machines can also be equipped with a built-in battery charger suitable both for gel and lead/acid batteries.

The machine is easily recharged by connecting the cable to a wall mains socket.



The squeegee is raised and lowered thanks to a handle



Thanks to a pedal the scrubbing head can be raised very easily and without efforts

Upon request, the Simpla 55/65 B-BT scrubbing machines can be supplied with automatic base and squeegee movement, reducing the physical effort of the operator while using the machine. In this version, the squeegee lifts up automatically during reverse movements.

* In compliance with standard ISO3744 at 1,5 m

With Simpla 50 E-B-BT - 55/65 BT - 50 BS, daily maintenance operations are easy and fast, even for unskilled staff!

The Simpla 50 E-B-BT - 55/65 BT - 50 BS scrubbing machines are designed to carry out daily maintenance operations as fast as possible. In fact they are:

- Easy to fill
- Easy to empty
- Easy to clean and sanitize

in a few words they are user-friendly!

Furthermore, their technical and design devices make the machine extremely reliable and efficient.



Thanks to the wide inlet it is very easy to fill the tank



Thanks to its special design and to the large drain hose, the recovery tank can be completely emptied



Easy to clean squeegee hose which, if cleaned regularly, helps to keep suction efficiency



On both scrubbing versions (Simpla 50/55/65) and the sweeping version (Simpla 50 BS) it's very easy to replace brushes without specialised personnel



Simpla 50 E-B-BT - 55/65 BT - 50 BS scrubbing machines have been designed very carefully



Very safe with the new parking brake















Thanks to a little hose in the rear part of the machine, the level of water in the solution tank is always under control.

The squeegee always follows the machine, even on bends, to ensure the best drying results



TECHNICAL DESCRIPTION		Simpla 50E	Simpla 50B	Simpla 50BT	Simpla 55BT	Simpla 65BT	Simpla 50BS
Squeegee width	mm	755	755	755	755	949	755
Disc brushes Ø (No.)	mm	510 (1)	510 (1)	510 (1)	285 (2)	340 (2)	-
Cylindrical brushes (No.)	mm	-	-	-	-	-	110x550 (2)
Brushes rpm	rpm	210	240	240	190	190	700
Brush motor	V/W	230/750	24/560	24/560	24/560	24/560	24/600
Suction motor	V/W	230/450	36/550	36/550	36/550	36/550	36/550
Traction motor	V/W	-	-	24/150	24/150	24/150	24/150
Suction vacuum	mbar	-	188	188	188	188	188
Forward speed	km/h	0÷3,5	0÷3,5	0÷5	0÷5	0÷5	0÷5
Max gradient at full load	%	2	2	10	10	10	10
Batteries	V/Ah C5	-	12/140	12/140	12/140	12/140	12/140
Batteries weight	kg	-	88	88	88	88	88
Debris hopper capacity	l	-	-	-	-	-	4
Detergent tank capacity (versions with CDS)	l	-	5	5	5	5	5

	 Working width mm	 Brushes pressure	 Power supply V/ traction	 Voltage V/ Frequency Hz/ traction	 Solution tank l	 Recovery tank l	 Working capacity up to sq.m/h	 Machine dimensions mm L x H x W	 Machine weight kg (without batteries)
Simpla 50E 	510	-	-	220-230/50-60 semi aut.	60	65	1785	1418 1039 530	90
Simpla 50B 	510	30-40	24/semi aut.	-	60	65	1785	1418 1039 530	90
Simpla 50BT 	510	30-40	24/aut.	-	60	65	2250	1418 1039 530	110
Simpla 55BT	560	30-40	24/aut.	-	60	65	2500	1318 1039 598	140
Simpla 65BT	660	30-40	24/aut.	-	60	65	3000	1318 1039 695	145
Simpla 50BS	500	30-40	24/aut.	-	60	65	2250	1318 1039 610	140

The machines are manufactured in compliance with the directives 2006/42/CE, 2006/95/CE, 2004/108/CE and with the standards IEC 60335-1 and IEC 60335-2-72.



The steel parts are subject to treatment which guarantees a long life and makes the parts oxidation-proof.

KEY WORDS:



Machine for commercial use



B - Battery powered machine with voltage value



E - Mains-powered machine with voltage value


professional people

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