



CM 43 F

orbital



CM43 F Orbital: convenient, efficient and versatile roto-orbital single disc machine suitable for cleaning all floor types

The CM43 F Orbital single disc machine exploits the principle of the roto-orbital system to achieve excellent stability and great ease of use and maneuverability, making it suitable for even the least experienced operators and making physical strength no longer a requisite. The roto-orbital movement also enhances the cleaning results of a regular single disc machine, making CM43 F Orbital particularly recommended for heavy duty cleaning.

CM43 F Orbital offers all the advantages of roto-orbital movement such as reduced electrical, water and detergent consumption, as well as achieving superior results in less time compared to a regular single disc machine.

CM43 F Orbital ensures exceptional results on any type of floor and is particularly recommended for frequent applications like heavy duty cleaning or scrubbing, de-waxing and crystallization. The CM43 F Orbital Spray version is also perfect for cleaning carpeted floor and rugs thanks to the spray kit for distributing water or detergent solution.

CM43 F Orbital is suitable for frequent applications like heavy duty cleaning or scrubbing, de-waxing and crystallization. Extremely versatile, it's the ideal solution for use in healthcare, public and HoReCa sectors, as well as for cleaning contractors and service companies operating in the retail spaces.



MODELS

CM43 F Orbital

Working width: 430 mm

Power supply: cable

Drive: direct orbital

CM43 F Orbital Spray

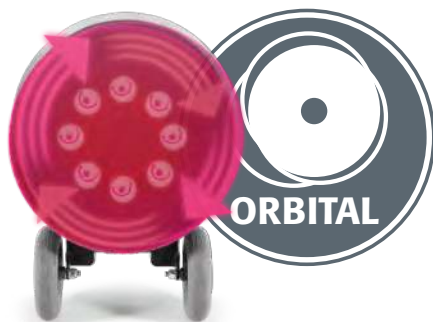
Working width: 430 mm

Power supply: cable

Drive: direct orbital

Key elements and best technologies placed at the service of CM43 F Orbital single disc machine, to guarantee optimal performance:

- Single disc machine recommended for maintenance, heavy duty cleaning, treatments and extraordinary maintenance operations on floors.
- A single machine for multiple functions: the roto-orbital system guarantees performance of all operations on various types of floor thanks to its versatility and the availability of specific accessories to make the single disc machine multi-purpose.
- CM43 F Orbital is a single disc machine suitable for applications such as heavy duty scrubbing, de-waxing, crystallization, polishing and micro-polishing of marble, stone, cement and wood floors.
- CM43 F Orbital Spray is suitable for applications such as heavy duty scrubbing, de-waxing, crystallization, polishing and micro-polishing of marble, stone, cement and wood floors. Thanks to the Spray Kit, it's also particularly suitable for cleaning carpeted floors and rugs.
- CM43 F Orbital Spray Kit with pump and adjustable nozzle with switch for two solution spraying modes.
- The pump of the CM43 F Orbital Spray Kit uses an intake with filter in the solution tank and an adjustable nozzle.
- Two movements in one: roto-orbital together with the natural rotary movement of the disc, which can vary from 0 to 90 rpm, the system generates a constant orbit that allows many passes over the same point very rapidly.
- Perfect adhesion to the surface thanks to combining orbital and rotary movements: the working area is always constant and the brush/disc always level with the surface, adhering perfectly.
- Forwards and backwards movement and easy swing: the brushing action is effective in every movement: forwards and backwards or swing, always level with the surface.
- Less use of water and detergent: the orbital movement prevents water from being splashed outside the perimeter of the machines. This technology drastically reduces water and detergent consumption.
- The reduced water consumption of CM43 F Orbital Spray allows the time needed for drying carpet floor and rugs to be reduced, thereby reducing the risk of mold formation.
- Thanks to CM43 F Orbital Spray, the fibers of carpets and rugs are cleaned and restored thanks to the vibration which removes the dirt particles even from deep down.
- Maximum comfort for users thanks to the roto-orbital movement, which offers great stability, ease of use and maneuverability.
- Steel structure and support frame made of stainless steel.
- The best ergonomics thanks to the new, more comfortable handle ensuring an even more secure grip in all working conditions. The handle itself features an internal steel reinforcement for more precise maneuverability and greater durability.
- Double safety system: the single disc machine is activated only when the handlebar levers and the safety button are simultaneously pressed. When the levers are released the single disc machine stops.
- CM43 F Orbital Spray has a three-position dispensing button: continuous, neutral and intermittent dispensing.
- Polyethylene tank with graduated scale and lid. The tank can be removed, without using any tool, for easy filling (optional for CM43 F Orbital).
- Option to install the vacuum kit to expand the fields of use: resanding and restoring parquet without generating dust thereby reducing marble smoothing and polishing times
 - Side connection cuff for external suction (optional)
 - Stop&Go: when the machine is temporarily idle, the brushes are halted so as to optimize consumption and reduce waste



ORBITAL TECHNOLOGY

The heads of these machines use a micro orbital movement that exerts a large amount of energy on the floor, enabling uniform and effective results to be obtained in a short time. The effectiveness of the mechanical action of the orbital brush head, combined with the use of specific abrasive pads, makes it possible to reduce and in some cases entirely eliminate the use of detergents. Circular oscillations of the orbital movement help to increase the stability of the single disc machine making it light, easy to handle and very simple to use.



STOP&GO

When the machine is temporarily idle, the solution flow is interrupted. In this way consumptions are optimized and wastes reduced.

REFERENCE SECTORS



Kit and accessories available for CM 43F Orbital



445414 Nylon brush 0.50 mm for washing - 17" - Ø 430 mm
 CM43 F Orbital 109889 * CM43 F Orbital Spray 109890 *



445005 Cushioned pad holder with full velcro on the entire surface, with 6 mm foam - 17" - Ø 430 mm
 CM43 F Orbital 109889 * CM43 F Orbital Spray 109890 *



442911 Standard pad holder with full velcro on the entire surface, without foam - 17" - Ø 430 mm
 CM43 F Orbital 109889 * CM43 F Orbital Spray 109890 *



442237 Pad holder for steel wool - With textured rubber surface - 17" - Ø 430 mm
 CM43 F Orbital 109889 * CM43 F Orbital Spray 109890 *



441613 Pad holder for sandpaper - 17" - Ø 430 mm
 CM43 F Orbital 109889 * CM43 F Orbital Spray 109890 *



441250 Extension cord with EU plug
 CM43 F Orbital 109889 * CM43 F Orbital Spray 109890 *



224811 Solution tank 15 l
 CM43 F Orbital 109889 * CM43 F Orbital Spray 109890 *



444830 Microfiber pad 17" - Ø 430 mm carpet cleaning - 5 pcs.
 CM43 F Orbital 109889 * CM43 F Orbital Spray 109890 *



447000 Natural fibre polishing disc - 17" - Ø 430 mm (5 pz.)
 CM43 F Orbital 109889 * CM43 F Orbital Spray 109890 *



448203 Black abrasive disc 17" - Ø 430 mm, h 22 mm - heavy duty scrubbing of hard floors, pack of 6 pcs.
 CM43 F Orbital 109889 * CM43 F Orbital Spray 109890 *



448207 Red abrasive disc 17" - Ø 430 mm, h 22 mm - spray cleaning maintenance on protected floors - 6 pcs.
 CM43 F Orbital 109889 * CM43 F Orbital Spray 109890 *



225411 17" Vacuum kit with add. nylon pre-filter, supp. bracket, dust guard, connection hose Ø 32mmØ, 40mm fitting*
 CM43 F Orbital 109889 *



228922 Kit Vacuum coupling Ø 32 mm
 CM43 F Orbital 109889 *



228923 Kit Vacuum coupling Ø 38/40 mm
 CM43 F Orbital 109889 *

*Model code for the 230 V version- Wide range of accessories available upon request.

Legend

• standard ◊ optional

TECHNICAL DATA		CM43 F Orbital	CM43 F Orbital Spray
Drive	-	Direct orbital	Direct orbital
Working width	mm/inch	430/16,92	430/16,92
Pad	mm/inch	Ø 430/16,92	Ø 430/16,92
Oscillations	no.	1400	1400
Brush rotations	rpm	0-90	0-90
Power supply	V/Hz	230/50	230/50
Solution tank	l/gal	15/3,96	15/3,96
Solution pump (no.)	W	-	32 (1)
Pressure	bar	-	1,5
Nozzle (n.)	-	-	1
Max. power	W/Hp	1100	1100
Net weight	Kg/lbs	50/110,23	51/112,43
Machine dimensions (Lxhxw)	mm/inch	450x1130x635/17,71x44,48x25	450x1130x635/17,71x44,48x25

*other voltages available on request



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Organisation certified by Q.C.B. Italia ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

