



CM 43 orbital



CM43 Orbital: the single disc machine for floor specialists, powerful and decisive for all treatment types

The roto-orbital movement and weight on the surface make CM43 Orbital Spray a single disc machine particularly recommended for heavy duty work, treatments and extraordinary maintenance operations. Its technical characteristics make it the ideal choice for cleaning contractors and floor specialists who need a powerful single disc machine suitable for every type of treatment.

The high frequency oscillations make CM43 Orbital an extremely stable, very easy to handle single disc machine, despite its weight of 65 Kg. The roto-orbital movement makes using the single disc machine very easy for any operator, optimizing training times and making physical strength no longer a requisite. CM43 Orbital Spray also 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.

The CM43 Orbital Spray single disc machine ensures exceptional results on any type of floor and is the ideal solution for use in the HoReCa sector as well as for cleaning contractors and service companies operating in retail spaces.



CM43 Orbital Spray
Working width: 430 mm
Power supply: cable
Drive: direct orbital

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

THE ADVANTAGES OF CM43 ORBITAL

- The ideal single disc machine for heavy duty work, 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 Orbital Spray 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. Thanks to the Spray Kit, it's also particularly suitable for cleaning carpeted floors and rugs.
- Spray Kit with pump and two adjustable nozzles with switch for two solution spraying modes.
- The pump of the CM43 Orbital Spray Kit uses an intake with filter in the solution tank and two adjustable nozzles.
- Two movements in one: roto-orbital together with the natural rotary movement of the disc, which can vary from 0 to 90 rpm, generating a constant orbit that allows many passes over the same point very rapidly.
- Perfect adhesion to the surface thanks to combining orbital and rotary movement: 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 and the reduced time needed for the carpet or rug to dry, also reduces the risk of mold formation.
- 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.
- Anti-corrosion steel structure.
- Large rubber wheels for easy transport.
- The brush head can be tilted back 90° to make pad replacement easier.
- Quick release of the motor brush head from the chassis and of the 17kg weight. Quick disconnection of electrical system.
- 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.
- Three-position dispensing button: continuous, neutral and intermittent dispensing.
- Polyethylene tank with graduated scale and cap. The tank can be removed, without using any tool, for easy filling.
- 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.
- The low electrical energy absorption of this machine means that it can even be used together with a vacuum cleaner, with both appliances powered by standard mains voltage.
- Side connection cuff for external suction (optional).



ORBITAL TECHNOLOGY

The heads of the single disc 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.

Kit and accessories available for CM43 Orbital

	PBT washing brush 17"Ø 430 mm		Tynex abrasive brush, 120 grit 17"Ø 430 mm		Standard pad holder with full velcro 17"Ø 430 mm
	Cushioned pad holder with full velcro on the entire surface, with 6 mm foam 17"Ø 430 mm		Pad holder for steel wool - with textured rubber surface 17"Ø 430 mm		Steel brush 17"Ø 430 mm
	Pad holder for sandpaper 17"Ø 430 mm		Extension cord with EU plug		Solution tank
	Microfiber pad 17"Ø 430 mm carpet cleaning (5 pcs.)		Natural fibre polishing disc 17"Ø 430 mm (5 pcs.)		Black abrasive disc 17"Ø 430 mm, h 22 mm - heavy duty scrubbing of hard floors, (6 pcs.)
	Red abrasive disc 17"Ø 430 mm, h 22 mm spray cleaning maintenance on protected floors (6 pcs.)		Vacuum kit with add. nylon pre-filter, supp. bracket, dust guard, connection hose Ø 32 mm, Ø 40 mm fitting*		Additional/standard 17 Kg weight kit

Legend

- standard
- ◇ optional

Wide range of accessories available upon request.

TECHNICAL DATA		CM43 Orbital Spray
Drive	-	Direct orbital
Working width	mm	430
Pad	mm	Ø 430
Oscillations	no.	1400
Brush rotations	rpm	0-90
Power supply	V/Hz	230/50
Solution tank	l	15
Solution pump (no.)	W	32 (1)
Pressure	bar	1,5
Nozzle (no.)	-	2
Max. power	W-Hp	1100
Net weight	Kg	65
Additional weight	Kg	17
Machine dimensions (Lxhxw)	mm	495x1220x700

*other voltages available on request



Cleaning contractors



HoReCa



Large-Scale Retailing



Transport

COMAC S.p.A. Via Maestri del Lavoro, 13 - 37059 Santa Maria di Zevio - Verona - ITALY
Tel. 045 8774222 - www.comac.it - com@comac.it

Comac S.p.A. org. cert. ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, SA 8000:2014

