



ROTO-ORBITAL SINGLE DISCS



**PROFESSIONAL PERFORMANCE AND EXTREME
EASE OF USE FOR THE ENTIRE WIRBEL
ROTO-ORBITAL SINGLE DISCS FAMILY.
PRACTICAL AND VERSATILE MODELS
TO OVERCOME ANY KIND OF CHALLENGE!**

O 143 FAMILY

Wirbel's O 143 family consisting of models of professional, innovative and multifunctional orbital single-disc machines which make cleaning operations easy and quick on every kind of surface. Suitable for treatments such as polishing, crystallization, microgrinding on marble, concrete, stones, parquet, terracotta and stoneware, O 143 is also ideal for cleaning delicate surfaces such as fitted carpets and carpets. The oscillating head adapts to all surfaces and allows the operator to work nimbly even on irregular floors reducing his/her efforts. The available accessories and the big wheels, which touch the ground, make the various tasks simple and effective. By exploiting the roto-orbital principle with high-frequency oscillations, O 143 comes as a surprise for its low vibrations, stability and manoeuvrability. Even the crystallization tasks which require the use of steel wool will be quick, easy and effortless. Its ergonomic handle, combined with its stiff and compact frame, its big wheels and its reduced weight make this a resistant but, at the same time, easy to use and carry orbital single-disc machine.

O 143 is available in two versions with 1000 Watt (U 10) and 1300 Watt (U 13) motors.

PRODUCT IDENTIFICATION

TYPE	REF. NO.
O 143 U 10	00-110EL
O 143 U 13	00-113EL



O 143 U 10

BASIC MODEL, VERSATILE AND EASY TO USE.



O 143 U 13

VERSION WITH STRONGER MOTOR FOR MORE DEMANDING AND HARDER WORKS.

TECHNICAL DATA

Working width - Ø brush	mm	430
Oscillations per minute	n.	1500
Voltage	V	220 - 240
Frequency	Hz	50
Brush motor rating	W	1000/1300
Brush contact pressure	g/cm ²	44,3 - 48,2
Under-ride height	mm	270 - 285
Dust pick-up attachment		yes
Noise level	dB(A)	<54
Transmission		direct
IP code		IPX4
Power supply cable	m	12
Weight (without accessories)	Kg	68 (U 10) - 71,5 (U 13)
Dimensions	mm	1200x730x450

STANDARD ACCESSORIES

TYPE	REF. NO.
Pad holder 17"	00-268
Brush head locking system	13033F

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Scrubbing brush 17"	00-296
Tank Ergoline 12 l	00-330
Spray system	00-356EL
Extra weight 6,5 kg	14-104
Extra weight (2 x 6,5 kg)	14-105
Stainless steel cover	14251F
Pad holder for Ø 100 / Ø 150 discs	00-270



MINIMUM EFFORT, MAXIMUM COMFORT

The high-frequency oscillatory motion (1500 oscillations per minute) and the wheels, which touch the ground, allow O 143 to work easily, with great manoeuvrability: ideal for long and heavy treatments even for untrained operators.



TOP PERFORMANCE

Thanks to the roto-orbital movement, the working width, which is always working on the floor, offers excellent results even on irregular floors.



HIGH PERFORMANCE, LOW CONSUMPTION

Compared to traditional single disc machines, water and detergent are equally spreaded both on the pad and on the treated area, ensuring their saving. Limited energy consumption thanks to the oscillatory motion that allows a lower pressure on the pad.



PRACTICAL

A system of technical solutions which ensures stability and ease of use (sturdy and compact frame, large diameter wheels touching the ground and ergonomic handle).

SUITABLE FOR



POLISHING



STRIPPING



CRYSTALLIZATION



MICROGRINDING



WASHING



SHAMPOOING

O 143 S10

*Simply orbital,
Simply for you!*

THE ROTO-ORBITAL SINGLE DISC MACHINE INTO AN ECONOMICAL AND STREAMLINED FORMULA WHICH IS ABLE TO GUARANTEE TOP-QUALITY PERFORMANCE AND RESULTS!

O 143 S 10 is Wirbel's lighter orbital machine. This professional orbital single-disc machine, extremely light (only 43 kg of weight) is suitable for all the more common everyday cleaning operations: washing, stripping, spray cleaning, polishing and shampooing. O 143 S 10 is also ideal for cleaning delicate surfaces such as fitted carpets and carpets. Lower water and detergent consumption! Higher savings and productivity thanks to the roto-orbital movement that allows to keep the cleaning solution under the pad holder. The oscillating head adapts to all surfaces and allows the operator to work nimbly even on irregular floors reducing his/her efforts. The available accessories and the big wheels, which touch the ground, make the various tasks simple and effective. By exploiting the roto-orbital principle with high-frequency oscillations, O 143 comes as a surprise for its low vibrations, stability and manoeuvrability. Its handle, combined with its stiff and compact frame, its big wheels and its reduced weight make this a resistant but, at the same time, easy to use and carry orbital single-disc machine.



PRODUCT IDENTIFICATION

TYPE	REF. NO.
O 143 S 10	00-105EL

TECHNICAL DATA

Working width - Ø brush	mm	430
Oscillations per minute	n.	1500
Voltage	V	220 - 240
Frequency	Hz	50
Brush motor rating	W	1000
Brush contact pressure	g/cm ²	25,6
Under-ride height	mm	270
Dust pick-up attachment		yes
Noise level	dbA	<54
Transmission		direct
IP code		IPX4
Power supply cable	m	12
Weight (without accessories)	Kg	43,2
Dimensions	mm	1200x730x450

STANDARD ACCESSORIES

TYPE	REF. NO.
Pad holder 17"	00-268

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Scrubbing brush 17"	00-296
Tynex brush 17" grit 120	00-283
Tank Ergoline 12 l	00-330
Spray system	00-340EL
Stainless steel cover	14251F



SIMPLY FOR YOU

Practical, with only 43 kg of weight, it fits all the operator needs.



VERSATILE

O 143 S 10 is suitable for all the everyday cleaning operations: washing, stripping, spray cleaning, polishing and shampooing. It is also ideal for cleaning delicate surfaces such as fitted carpets and carpets.



PRACTICAL

A system of technical solutions that guarantees reliability, stability and ease of use.



LOW CONSUMPTION

Compared to traditional single disc machines, water and detergent are equally spreaded both on the pad and on the treated area, ensuring their saving. Limited energy consumption thanks to the oscillatory motion that allows a lower pressure on the pad.

SUITABLE FOR



WASHING



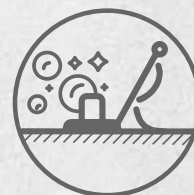
STRIPPING



SPRAY CLEANING



POLISHING



SHAMPOOING

O 143 SPRAY

MODEL SPECIFICALLY DESIGNED FOR WASHING DELICATE SURFACES SUCH AS FITTED CARPETS AND CARPETS.

O 143 SPRAY is the model of professional and innovative orbital single-disc machine specifically designed for cleaning delicate surfaces such as fitted carpets and carpets. The oscillating head adapts to all surfaces and allows the removal of dirt particles from the fibres and guarantees reduced drying time. Spray system with CEME pump and two adjustable nozzles on standard equipment for a perfect cover of the working area. This machine is also suitable for washing and shampooing on hard surfaces thanks to optional accessories. Lower water and detergent consumption! Higher savings and productivity thanks to the roto-orbital movement that allows to keep the cleaning solution under the pad holder. O 143 SPRAY comes as a surprise for its low vibrations, stability and manoeuvrability. Its ergonomic handle, combined with its stiff and compact frame, its big wheels and its reduced weight make this a resistant but, at the same time, easy to use and carry orbital single-disc machine.

PRODUCT IDENTIFICATION

TYPE	REF. NO.
O 143 SPRAY	00-120EL



TECHNICAL DATA

Working width - Ø brush	mm	430
Oscillations per minute	n.	1500
Voltage	V	220 - 240
Frequency	Hz	50
Brush motor rating	W	1000
Brush contact pressure	g/cm ²	31,5
Under-ride height	mm	270
Dust pick-up attachment		yes
Noise level	dbA	<54
Transmission		direct
IP code		IPX4
Power supply cable	m	12
Weight (without accessories)	Kg	58,5
Dimensions	mm	1200x730x450

STANDARD ACCESSORIES

TYPE	REF. NO.
Pad holder 17"	00-268
Spray system	00-340EL
Brush head locking system	13033F

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Scrubbing brush 17"	00-296
Tynex brush 17" grit 120	00-283
Extra weight 6,5 kg	14-104
Extra weight (2 x 6,5 kg)	14-105
Stainless steel cover	14251F
Pad holder for Ø 100 / Ø 150 discs	00-270
Polycotton Pad	00-312



PERFECT COVER OF THE WORKING AREA

Two adjustable nozzles and CEME pump integrated:
power, performance and reliability!



12 L TANK

Great capacity for a longer autonomy,
easy to install and remove (no tools needed).
Equipped with graduated scale.



ON-OFF BUTTON ON THE HANDLE

to use the spray system without work interruptions.



POLYCOTTON PAD

Ideal for washing and cleaning fitted carpets and carpets with
reduced drying time. Reversible, washable at 30° and reusable.
Available on request.

SUITABLE FOR

Fitted carpets and carpets cleaning



O 143 FAMILY WIDE RANGE OF ACCESSORIES



SCRUBBING BRUSH

for hard surface cleaning.

Cod. 00-296



TYNEX BRUSH GRIT 120

for cleaning floors with stubborn dirt

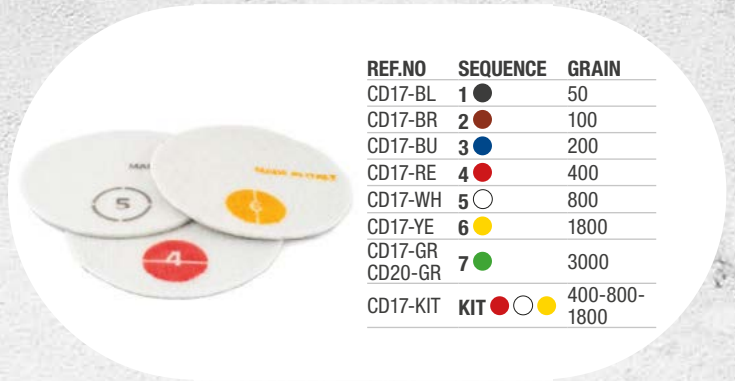
Cod. 00-283



PAD HOLDER

with quick coupling/uncoupling, on standard equipment for all O 143 models.

Cod. 00-268



CHROMO DIAMOND PADS

The complete range of diamond pads formulated for smooth, restore and polish several different surfaces such as marble, granite, travertine, terrazzo, natural stones and concrete 7 different grains, from the most aggressive (grain 50) to the finer (grain 3000).



POLYCOTTON PAD

ideal for washing and cleaning fitted carpets and carpets with reduced drying time. Reversible, washable at 30° and reusable. Available on request.

Cod. 00-312



SPRAY SYSTEM

equipped with CEME pump, 12 liter tank and two adjustable noozles for a perfect cover of the working area. On-off button on the handle to use the spray system without work interruptions.

Cod. 00-340EL





PAD HOLDER Ø 100/150

for smooth, restore and polish several different surface such as marble, granite and concrete.

Cod. 00-270

REF.NO	SEQUENCE	GRAIN
00-300-10	1 ●	50
00-300-20	2 ●	100
00-300-30	3 ●	200
00-300-40	4 ●	400
00-300-50	5 ○	800
00-300-60	6 ●	1800
00-300-70	7 ●	3000



DRONE DIAMOND Ø 100

A complete range of diamond discs with 100 mm diameter (4" with velcro strap female), specifically studied for smooth, restore and polish several different type of surface such as marble, granite and concrete. 7 different grains, from the most aggressive (grain 50) to the finer (grain 3000). Able to work effectively on different types of surfaces, by eliminating also deep scratches.



VELCRO SANDING DISCS Ø 150

for smooth and restore wooden floors. Available in different grains: 36 / 60 / 120.

Cod. 00-300-01 (grain 36)

Cod. 00-300-02 (grain 60)

Cod. 00-300-03 (grain 120)



COMPLETE VACUUMING KIT

for dust recovery while working.

Cod. 00-228321



BRUSH HEAD LOCKING SYSTEM

on standard equipment on O 143

U 10, U 13 e SPRAY

Cod. 13033F



EXTRA WEIGHTS

Single and double extra weight kits: 6,5 kg (1 front + 1 rear) and 13 kg (2 front + 2 rear). Easy installation/removal (no tools needed).

Available on request for O 143

U 10, U 13 and SPRAY.

Cod. 14-104 (6,5 kg), Cod. 14-105 (13 kg)



STAINLESS STEEL COVER

for an extra protection of the sensitive parts of the machine.

Available on request.

Cod. 14251F



O 143

AT A GLANCE

U 10

U 13

SPRAY



REVERSE HANDLE MODE

for maximum down pressure. With wheels lifted up off the ground, it allows to work in the tightest spaces and to exit easily from the corners

90 DEGREES TILTING HEAD

for a fast and simple accessory installation/removal

TRANSPORT HANDLE

BUMPER
it protects the machine

PAD HOLDER ON STANDARD EQUIPMENT
quick coupling/uncoupling, no tools needed

BRUSH HEAD LOCKING SYSTEM
for a practical transport

SPRAY SYSTEM

- 12 l tank;
- CEME pump;
- two adjustable nozzles. Standard on O 143 SPRAY

ERGONOMIC HANDLE
to work safely and easily

TANK SUPPORTS
on standard equipment, to agile wind up the cable

ARTICULATION OF THE HANDLE

NON-MARKING WHEELS
on the ground, with large diameter



O 143 S 10

AT A GLANCE

STURDY HANDLE
double protection against
unintentional start

TANK SUPPORTS
on standard equipment,
to agile wind up the cable

RESISTANT CARTER
it protects the sensitive parts of
the machine from shocks

**TRANSPORT
HANDLE**

**ARTICULATION
OF THE HANDLE**

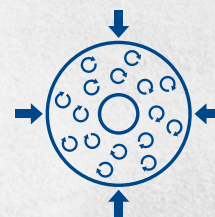
NON-MARKING WHEELS
on the ground, with large diameter

**PAD HOLDER
ON STANDARD EQUIPMENT**
quick coupling/uncoupling,
no tools needed



WHAT'S ORBITAL TECHNOLOGY?

An integrated system for heavy mechanical friction for deeper and chemical-free cleaning efficiency, able to make treatment of all types of floors much easier, more practical and faster.



LESS WASTE OF WATER

thanks to the roto-orbital principle, the machine can retain water below the pad or brush and doesn't waste it



CHEMICAL-FREE APPROACH

less waste of water means less consumption of chemical products



LIMITED ENERGY CONSUMPTION

thanks to the oscillatory motion that allows a lower pressure on the pad

O 143 FAMILY



O 143 U 10

Basic model (1000 W), versatile and easy to use



O 143 U 13

Version with stronger motor (1300 W) for more demanding and harder works (71,5 kg of weight)



O 143 S 10

Model designed for the everyday cleaning into economical and streamlined formula which is able to guarantee top-quality performance and results!



O 143 SPRAY

Model specifically designed for cleaning fitted carpets and carpets

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Ghibli & Wirbel S.p.A. reserves the right to change specifications and accessories at all times.