



TF43 Orbital Spray Floor Cleaner

Code: 108840

TMB TF43 Orbital Spray Floor Cleaner is a single disc machine particularly suited for heavy duty cleaning, and extremely useful for numerous applications. Ideal for cleaning and for all types of floor treatments.

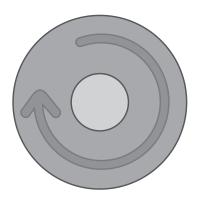




# Traditional Floor Machine vs Roto-Orbital Single Disc Machine

## OPERATING A TRADITIONAL FLOOR MACHINE





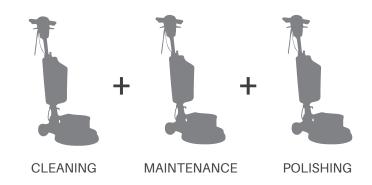
Rotational movement of the traditional floor machine

# Operating a traditional single disc floor machine requires an expert operator.

The brush or the disc does not cover the entire underlying surface, especially in lateral movements. The contact surface with the floor is reduced only to the peripheral part of the brush/disc. The machine uses the rotation of the brush/disc to move sideways and therefore the operator requires training and good physical strength.

The traditional machine requires different characteristics depending on the operation to be carried out on the floor:

- different brush/disc speeds
- · different motor power outputs
- different weights



## TRADITIONAL SINGLE DISC MACHINE



Water and detergent is easily wasted with the use of a traditional single disc machine due to the centrifugal movement of the brush.

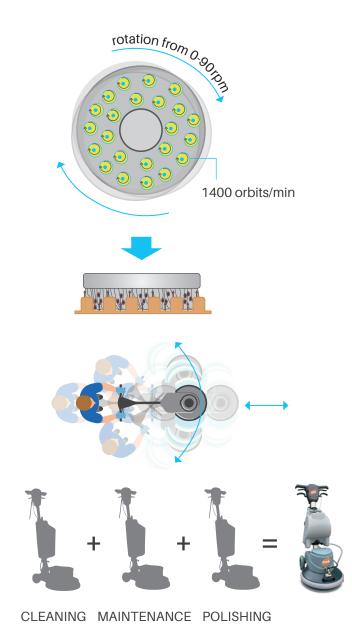


The cord can become entangled during cleaning operations thereby creating a hazard.



The traditional system requires a greater consumption of electricity. The operator requires more physical effort and more attention.

#### WHY CHOOSE A SINGLE DISC MACHINE WITH ROTO-ORBITAL SYSTEM?



Two movements in one: Roto-Orbital

Simultaneous with the natural rotary movement of the disc, which can vary from 0 to 90 rpm, the system always generates a constant orbital movement that allows to pass very quickly over the same point many times.

On surfaces such as hard floors, resilient floors, wood, resin and carpet floors, it creates rotational movements with a diameter of about 1cm, with 1400 passes per minute. This guarantees an extraordinary and rapid scrubbing, polishing and crystallising performance.

The innovative orbital technology guarantees an intense and delicate cleaning.

#### Perfect adhesion to the surface

The working area is always constant and the brush/disc always remains level with respect to the surface, adhering perfectly.

#### Forward and backward movement and easy slewing

The action of the brush is effective during any easy swinging movement: forward and backward or side to side, staying flat on the surface at all times.

#### Less use of water and detergent

Due to the orbital movement, water remains within the perimeter of the disc and will not be splashed around. Thanks to this technology the consumption of water and consequently that of detergent is drastically reduced.

#### Low energy consumption

Maximum absorption of 2.5-3Ah.

#### A single machine for multiple functions

The roto-orbital system ensures that all operations are carried out on various types of floor thanks to its versatility and the availability of specific accessories that make the machine multi-purpose.

#### ADVANTAGES IN THE USE OF THE ROTO-ORBITAL SINGLE DISC MACHINE







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It uses up to 1/10 the water of traditional single disc machines because the roto-orbital machine does not spray outwards.

By reducing water consumption, the consumption of chemicals is automatically reduced. Thus, work times and electricity consumption are reduced by around 40%.

Less water Less detergent Less energy Less manpower

# TF43 Orbital Spray Floor Cleaner code: 108840



TF43 Orbital Spray Floor Cleaner benefits from the orbital mechanism to obtain optimal stability, ease of use and great maneuverability, even for non-expert operators.

Ideal for washing, polishing, floor stripping, crystallisation and restoration of marble floors, and for carpet washing.

It has all the benefits of orbital technology, such as: energy saving, water and detergent saving, and significant reduction of labor costs.

Stainless steel structure and support frame





# **SURFACE TREATMENTS**



Scrubbing



Deep Cleaning



Floor Stripping



Polishing



Includes 15m Power Cord and Full Velcro Pad Holder

# **TECHNICAL DATA**

Drive	Direct Drive
Working width	43cm
Brush diameter	43cm
Pad driver diameter	43cm
Oscillations per minute	1400
Disc rotation speed	0-90rpm
Power supply	230V/50Hz
Tank volume	15L
Spray pump power	32W
Pressure	1.5 bar
Number of spray nozzles	1
Motor power	1100W
Machine weight	51kg
Machine dimensions	450mm x 635mm x 1130mm



Spray kit included



Tynex abrasive brush 120 grit 17" - Diameter 430mm Code: 444466



Nylon brush 0.50 mm for washing 17" - Diameter 430 mm Code: 445414



An innovative technology that helps the future



TMB, operating in the cleaning sector for over thirty years, produces commercial, professional and industrial vacuum cleaners, traditional and roto-orbital single disc machines and car wash equipment.

Within environments in which multiple daily activities are carried out (e.g. trade, industrial production, research, etc.) a positive value is attributed to general comfort, and the care and cleaning of floors.

TMB, aware of the daily use of cleaning tools (machines and detergent products) places waste the reduction and the undertaking of values such as ethics, consistency and sustainable development among its objectives.

\* TMB machines are easily disassembled for easy recycling of materials.

This promotes a responsible use of resources and undertakes to reduce the environmental impact of the production process both during the usage cycle of the machines and for their disposal\*.

To offer cleaning operators the tools to support this service with commitment, TMB, as a manufacturer of cleaning machines, constantly acts with responsible choices towards environmental sustainability.

The innovative roto-orbital technology is proposed in a diversified range of products, and has been developed to optimise work and offer advantages for a better future in which our well-being, in everyday life, is in harmony with the consumption of resources.

### **TMB** helps the environment



Low electrical consumption



Low water consumption



Low detergent consumption



High level of material recyclability



Reduced CO<sub>2</sub> emissions



Saving on working time



Less fatiguing



Training savings



Safety (less risk of injury)



Reduced noise levels







TMB srl reserves the right, at anytime, to make technical and/or equipment modifications without prior notification. The images are shown as reference only and are not binding as to the actual design and/or equipment.

