

Safety, Operation and Maintenance Manual

PowerDisc 165

Read these instructions carefully before operating machinery.

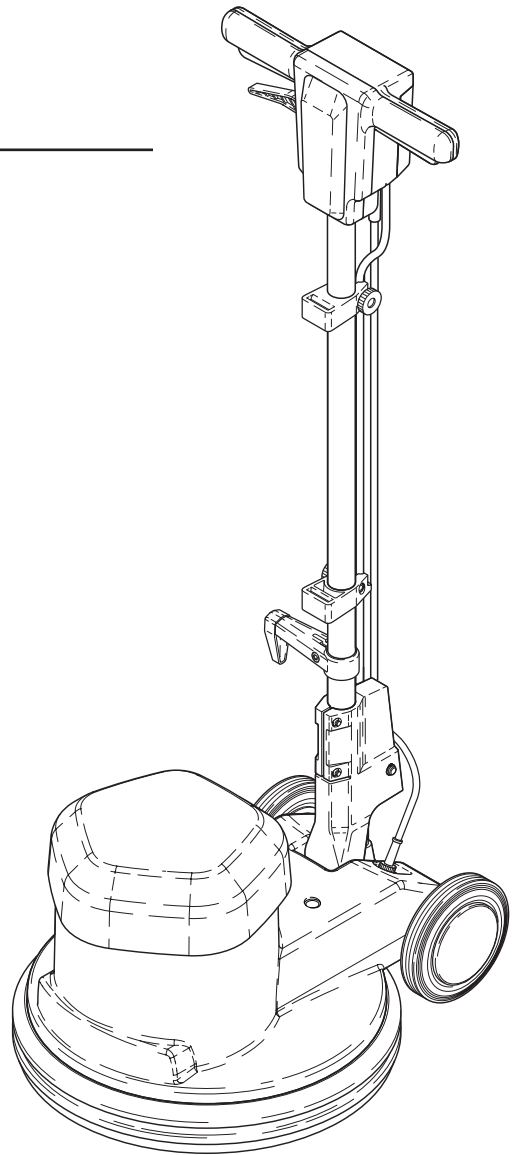


These operating instructions are intended for operating staff. Please familiarize yourself with the instructions and recommendations contained in these operating instructions before setting up, utilizing and servicing the machine. The care and maintenance described in these operating instructions are in the interests of your own safety and preserve the machine's value. The manufacturer accepts no liability for personal injury or damage to property due to the incorrect use of this machine.

Please read the safety instructions carefully!

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Safety



Safety Precautions

- The single-disc machine may only be used by persons trained in its use and explicitly entrusted with its operation.
- This equipment is not intended to be used by persons (including children) with restricted physical, sensory or mental abilities or who have no experience and/or knowledge of its use, unless supervised by a person who is responsible for their safety, or they have received instructions from this person on how to use the equipment.
- The single-disc machine is not suitable for cleaning surfaces which release health-hazardous dusts and liquids. Do not use the machine on steps.
- Danger of electric shocks! Never drive the machine over electric cables.
- Only operate the machine in the proper operating position, which is behind the handle.
- The single-disc machine may only be serviced and repaired by persons with technical and legal authorization.
- When using cleaning and care agents, the manufacturer's danger warnings must be followed and protective goggles and clothing must be worn.
- Only use low-foaming, non-combustible cleaning agents which do not contain generally health-hazardous substances.
- Be mindful of the risks of using highly flammable, combustible, toxic, health-hazardous, corrosive or irritant substances.
- Delivery, instruction on safety procedures, handling and maintenance and initial operation are generally carried out by our authorized specialist. If this is not the case, the operator is responsible for instructing machine users.



Correct Usage

- The operation of the single-disc machine is subject to current national and local regulations.
- It is essential to observe not only the operating instructions and the binding regulations on accident prevention valid in the country of use, but also the generally acknowledged rules for safe and correct working procedures. No methods involving safety risks must be employed.
- This machine is made for professional use. E.g. Hotels, Schools, Hospitals, Factories, Shops, Offices, and Renting or Leasing Business.
- The PowerDisc 165 is intended exclusively for use in building interiors. Any use beyond this is considered incorrect. The manufacturer accepts no liability for any resultant damage; the user alone bears the risk.
- Correct use also includes adherence to the operating, servicing and maintenance conditions recommended by the manufacturer. The relevant accident prevention regulations as well as all the generally acknowledged safety and working practices must be followed.
- Before using this machine, floors should be tested for suitability for this cleaning process.

- Pay attention to the area compression of rubber floors, e.g. in gymnasiums.
- This machine is only intended for use on level surfaces with a maximum gradient of up to 2°
- This machine is not approved for use on public paths and roads.
- During transportation in a motorized vehicle, be sure to observe the current user instructions and safety regulations, and particularly those concerning maximum load capacity.
- When the machine is stationary, the brush unit must be immediately switched off to prevent damage to the floor covering.

Product Liability

- The manufacturer accepts no liability for damage to equipment and to the floor being cleaned from using the wrong brushes and cleaning agents.
- The machine may be used by the operator only for its intended purpose.
- If the machine is not used for their intended purpose, the user must accept full responsibility. Any liability of the manufacturer is thus excluded.
- Any damage resulting from unauthorized modifications to the machine will exclude any manufacturer's liability.

Professional Servicing

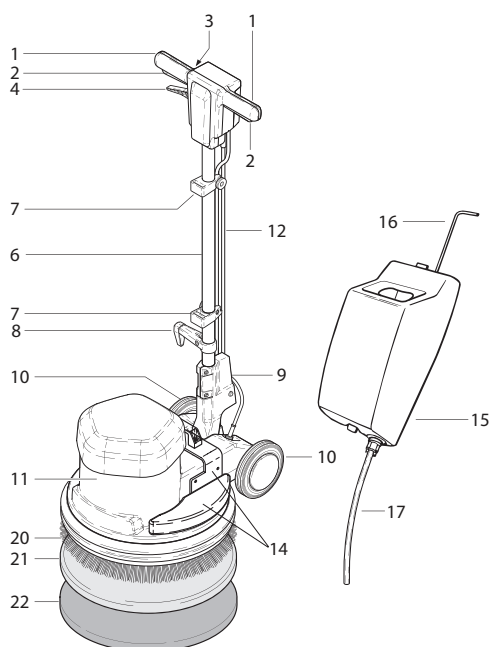
- For repairs, please contact your specialist wholesaler or one of the service shops.

For the environment

- The packaging material can be recycled. Please do not throw the packaging material into household waste; please recycle
- Old appliances contain valuable materials that can be recycled; these should be sent for recycling. Batteries, oil, and similar substances must not enter the environment. Please dispose of your old appliances properly.



Save These Instructions!



1. Handle bar
2. Brush motor switch
3. Switch lock
4. Shaft adjustment handle
6. Bar
7. Tank holder
8. Cable hook
9. Shaft adjustment unit
10. Wheels
11. Motor head
12. Electric cable

Optional Accessories

14. Weight incl. holder
15. Solution tank, 3 Gal
16. Tank level
17. Outlet hose
20. Brush
21. Driving disc
22. Pad

Technical Specifications - PowerDisc 165

| | |
|---------------------------|-----------------------|
| A.C. Motor | 230 V |
| Rated Power | 1200W |
| Brush Speed | 160 rpm |
| Working Width | 17 in |
| Operating Height | 14.5 in |
| Cable Length | 41 ft |
| Weight including Brush | 78 lbs |
| Protection class | I/IPX4 |
| Noise level | 55 db (A) |
| Vibration Strength Handle | <2.5 M/S ² |
| Torque | 68 Nm |

Operating Instructions

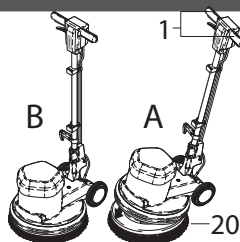
- Please remember that the voltage in the building being cleaned must concur with that given on the machine's type plate.

Assembly Instructions

- The motor head and bar are supplied separately packed.
- First release the hexagon socket screws in the shaft adjustment unit (9).
- Then feed the bar (6) gently as far as it will go into the shaft adjustment unit (9).
- Align the handle bar (1) parallel with the wheels (10), so that the open side of the housing of the top shaft element (3) is facing to the rear.
- Then tighten the hexagon socket screws (9) again.
- Wind the electric cable (12) around the handle bar (1) and cable hook (8).

Preparations for Use

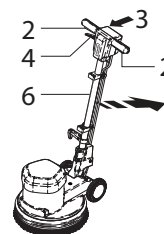
- Grasp the handle bar (1) with both hands and tip the machine until it is resting on both wheels (A).
- Then wheel the machine to its place of work and plug the electric cable into the power supply.
- Lay the accessories (20), i.e. brush or drive plate with pad, on the floor.



- Now tip the machine back onto the wheels and push it over the brush (or drive plate) until the drive star and brush flange are vertically aligned. Lower the machine onto the brush.

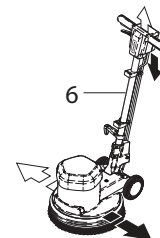
- Then squeeze the shaft adjustment lever (4) and lower the bar (6) into its working position. Both arms should be extended loosely downwards.

- Align the machine horizontally above the working element (brush or drive plate), press the switch lock (3) and press the brush motor switch (2) briefly. The accessory automatically engages.



Machine use

- Press the switch lock (3).
- Press the brush motor switch (2) (to the right or left).
- The motor starts.
- If you raise the bar (6) slightly, the machine moves to the right.
- If you lower the bar (6) down, the machine moves to the left.
- If you keep the bar (6) in its central position, the machine works on the spot.



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Operating Instructions (continued)

After use

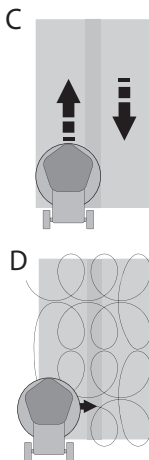
- Squeeze the shaft adjustment handle (4) and shift the bar (6) into its vertical position. Then tip the machine onto its wheels (10) and press the brush motor switch (2). briefly. The accessory disengages.
- Remove the plug from the power socket and wind the electric cable (12) around the handle bar (1) and cable hook (8).

Thorough cleaning with PowerDisc 165

- For thorough cleaning, the single-disc machine can be fitted with the following accessories: Liquid tank (15), Scrubbing brush (20) or drive plate (21) with black pad (22).
- Fasten the tank to the mounting (7).
- Slide the outlet hose (17) onto the water connector.
- Fill the tank (15). Then fit the brush or drive plate with pad.
- Control the flow of liquid with the tank lever (16), by pulling the lever (16) upwards.
- Vacuum the dirty wash solution a section at a time with a water extractor.

Shampooing with PowerDisc 165

- For shampooing, the machine can be equipped with the following accessories: Liquid tank, 0.3 Perlon shampooing brush or Sapur pad for textile floor coverings.
- The shampooing procedure is similar to the process of the thorough cleaning process.
- Start the machine with the shampooing brush dry.
- Measure a small amount of liquid until the bristles are saturated with foam.
- Run the machine with the rotating brush from right to left or vice versa.
- Immediately after this, run the machine in the same way in the reverse direction, but with an overlap of about a quarter of the strip already treated (C).
- Only then run the machine in a spiral pattern over the shampooed strips.
- In doing so, work both strips at the same time (D).
- During shampooing it is highly advisable to immediately remove the dirt-laden foam a section at a time with a water extractor.



Polishing

- For polishing, equip your machine with the following accessories: Driving disc for Pads and corresponding pad.
- Fit the drive plate with the pad.
- Start the machine as per previous instructions.

Servicing Instructions

- **When cleaning and servicing the machine, replacing parts or when changing over to a different function, turn off machine and unplug from electrical outlet.**
- The power cord must not be damaged by driving over it, crushing, tugging etc.
- Check the power cord regularly for signs of damage.
- The machine must not be used if the power cord is not in perfect condition.
- When using or replacing the power cord or equipment cables, use only those specified by the manufacturer.
- When replacing the plug-and-socket connectors of the power cord or equipment cables, splash protection and mechanical strength must be assured.
- When transporting the machine in elevators, put the shaft/bar in a vertical position so that it cannot catch on the elevator walls.
- The shaft/bar is automatically secured against recoil by the patented shaft/bar adjustment unit.
- Only the spray and cleaning agents suitable for the machine's purpose may be used.
- Never use highly flammable, combustible, toxic, health-hazardous, corrosive or irritant substances.
- Repairs, including the fitting of spray agent lines and hoses, may only be carried out by approved customer service shops or by specialists in this field who are familiar with all the relevant safety regulations.

Storage

- When the machine is not being used, store it in a dry place and in normal room conditions (not below under 32°F).

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