

Lifa CombiClean 40

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The Lifa Combi Cleaner 40 is a pneumatic brushing machine for cleaning ventilation ducts.

- Powerful machine for extensive and demanding duct cleaning applications
- Chemical nozzles for spraying cleaning chemicals and duct coatings
- 40-metre (130 ft) range cleaning axis/shaft
- For large ducts ranging from 20-120 cm (8-52 inches)
- Torque 7 Nm (50 lb in)
- Adjustable brush rotation speed 0-720 rpm
- Hand control for operating and changing direction of brush rotation
- Pneumatic brush centraliser and wide range of accessories available
- Wheel mounted for easy mobility



Lifa CombiClean 40 is a strong pneumatically powered brushing machine for cleaning of large round and rectangular ventilation ducts, with a rotation speed of approximately 720 r/min.

The CombiClean 40 requires a compressor with an efficiency of and air flow level of 300-600 l/min at 7-10 bar (15-20 CFM at 90-100 PSI). The low-duty compressor, which operates with a single phase voltage can be used when cleaning ducts of less than 500mm (25 inches) in diameter. The more powerful three phase voltage compressor should be used for larger ducts and when using the pneumatic centraliser.

The brushing device has an extremely extensive reach. The shaft length is 40 m, enabling it to clean up to 75 m of duct when extended in either direction from one hatch/service opening.

The machine is operated and rotation direction changed using the hand control. Changing the direction of rotation enables the user to navigate the brush through bends in ducts.

The brush can be up to 1200 mm in diameter, as it is kept in place thanks to an ingenious pneumatic brush centraliser. The Lifa Central Control PNEU 40 pneumatic brush centraliser is operated via a control valve. A range of different-sized rods is available for the brush centraliser.

A video camera option is available for the Lifa CombiClean 40. When the cleaning machine is equipped with a video camera, the user can inspect the efficiency and result of cleaning, view obstructions and check the automated steering devices via a TV monitor, during actual cleaning.

The diversity of the CombiClean is further increased by chemical nozzles, which enable direct spray application of cleaning, disinfecting or duct-coating substances that are carried through the duct along with the cleaning rod. The CombiClean can be used for solvent cleaning and disinfecting microbe-polluted ducts. A low-pressure spray accessory, attached to the brushing machine with a bayonet socket, is required for solvents.



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Solutions for Indoor Air Quality

Technical specifications

Propulsion power	Pressurised air
Pressurised air consumption	max. 600 l/min (20 CFM)
Brush rotation speed	0-760 rpm, steplessly adjustable using pressurised air throttle
Control	Hand control
Rotation direction change	Yes
Brush connection	M12
Nozzle connection	Inbuilt chemical sprays
Height	1290 mm (50,8")
Width	570 mm (22,5")
Depth	1100 mm (43,3")
Weight	Approx. 40 kg (88 lbs.)
Length of cleaning axis	40 mm (130 ft.)
Axis structure	Laminated LD polyethene sheath and flexible glass fibre rod
Frame and reel	Zinc electroplated steel tube
Ready installed	Transport wheels and pushing handle
Machine features	Ready equipped for disinfectant/cleaning agents
Accessories:	Pneumatic centraliser, Video camera option, different nozzles Low Pressure Spraying Unit 5 l stainless steel

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