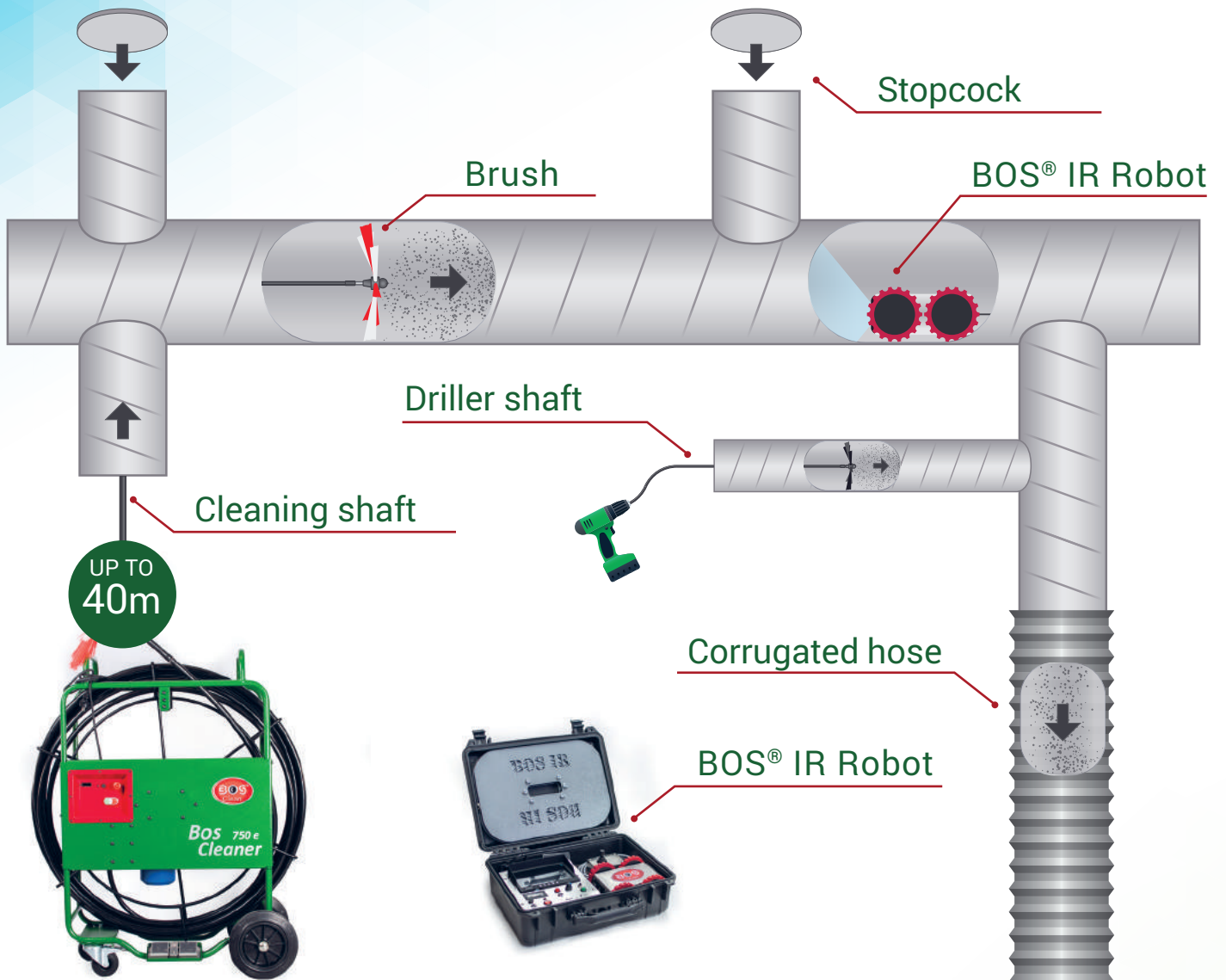


BOS® CATALOGUE

BOS® CLEANTEC

Tested quality for cleaner indoor air



BRUSHING MACHINES

- BOS® CLEANER 370e
- BOS® CLEANER 750e
- BOS® CLEANER 750p



NEGATIVE AIR MACHINES

- BOS® CLEAN Mi
- BOS® CLEAN Li
- BOS® CLEAN XLi

All products in the BOS® Clean range are manufactured in Finland at our own production plant in Mikkeli, Finland. Designed in Finland with a view to sustainability and environmental concerns, the products are solid and durable.

We build our products into tools for professionals using tested and approved components made by well-known manufacturers.

We subject every product to inspection and tests before delivery to customers.

The construction of each product complies with the Finnish Government ordinance on machinery safety, and the requirements of the EC machine directive.

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- 6** ELECTRIC BRUSHING MACHINES
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The importance of clean indoor air for a healthy life

On average, people spend 80-90% of their life indoors. Besides at home, people spend a significant part of their life in public buildings, and this is why we should pay attention to the indoor air in childcare facilities, schools, factories, offices, sports halls, gyms, restaurants, cafes, hotels, etc.

Dust, micro-organisms, residue of building materials and other contaminants may lead to health-threatening deposits in ventilation ducts.

In addition to health and hygiene problems, such contamination may increase energy consumption and increase the risk for corrosion. Legislators addressed this in the early years of this millennium by issuing a decree on the cleaning of ducts in systems with natural or powered ventilation. For this reason, regular inspection, cleaning and disinfection of such ducts is mandatory.



BOS® IR Duct inspection robot

BKT8603500

Video imaging of ventilation ducts is a quick and simple way to investigate the condition of ducts and the need for cleaning. An inspection with reliable imaging equipment can determine the location and amount of contaminants, possible damage to the duct, for example, duct leaks.

BOS® IR Robot is intended for real-time inspection and video recording for ducts.

CARRYING CASE

All the equipment for recording is packed in a hard-shell carrying case. The carrying case includes a control unit, monitor, inspection robot, recorder and remote control, as well as a camera cable reel.

CONTROL UNIT

- 7" high quality screen
- Battery status charge indicator
- Video / Audio saving on a SD card
- Lights adjustment
- Control Panel adjustment
- Quick battery replacement



DUCT INSPECTION ROBOT

- Four-wheel drive
- HD Cameras front / back
- 60° beam angle Led lights, front 4pcs, back 1 pcs



REMOTE CONTROL



CABLE REEL

Control Cable 25 m



TECHNICAL DETAILS:

Case	Polypropylene
Dimension mm	480*440*200
Camera cable reel	Marine aluminium
Control cable	25 m
Screen	7" LCD color screen, 12 V DC
SD Recorder	1 CH mini dvr
Memory card	SD card, max. 32 GB
Control panel	Stainless steel
Dimension mm	230*220*55
Batteries	3 pcs
Battery status screen	LCD Battery LI ion
Battery capacity	Appr. 3 hours
Microphone	FK648
Remote Control	Joystick, one-handed
Duct robot	Stainless Steel
Dimensions mm	190*150*90
Lights	LED, 4+1 pcs
Cameras (Front- Back)	FPV camera
Rims	POM
Tyres	Rubber, 10X86/55
Motors 4pcs	DC motor

BOS® CLEANER 370e / 370er

BKT8601000 / BKT8601001

This machine is designed and developed mainly for professional cleaning of air ducts in residential buildings. The BC 370 e brushing machine works excellently on circular ducts, but it can also be used in rectangular ducts. Its small size and easily rolling casters makes using and handling a very easy task even in cramped spaces.

CLEANING BRUSHES:

- Basic brushes, M12, PP bristle
- Brush with nylon centre, Pes bristle, Ø 0.50mm
- Brush with nylon centre and disc, Pes/Nylon bristle, Ø 0.70mm
- Brush with nylon centre, Pes bristle, Ø 0.35mm

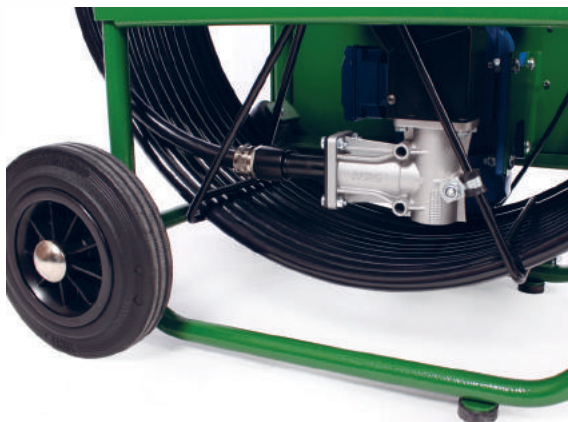
ACCESSORIES:

- Brush adapter for nylon centre brushes
- Flexible brush adapter for small ducts



REMOTE CONTROL (370er)

1. ON / OFF, brush to the right
2. ON / OFF, brush to the left
3. Speed control +
4. Speed control -



- Quick connector for the shaft and the gear-side shaft end
- Cleaning shaft guide stainless steel (Aisi 304)
- Full rubber drum support wheels (with MS bearings)
- Electric double pedal / direction control
- Wireless remote control BC370er models

BOS® CLEANER 750e

BKT8602000

This machine is designed and developed mainly for professional cleaning of air ducts in residential buildings. The machine is an excellent choice for circular and rectangular 350-700mm ducts. Its easily rolling wheels makes using and handling a very easy task even in cramped spaces.

The BOS® Cleaner 750e brushing machine has a very good reach – up to 45 metres in both directions from a maintenance door. Due to the bearing of the support roller, the cleaning shaft is easy to feed and reel in. An electric pedal controls the speed and direction of rotation. The quick mount makes servicing or changing the cleaning shaft an easy task.



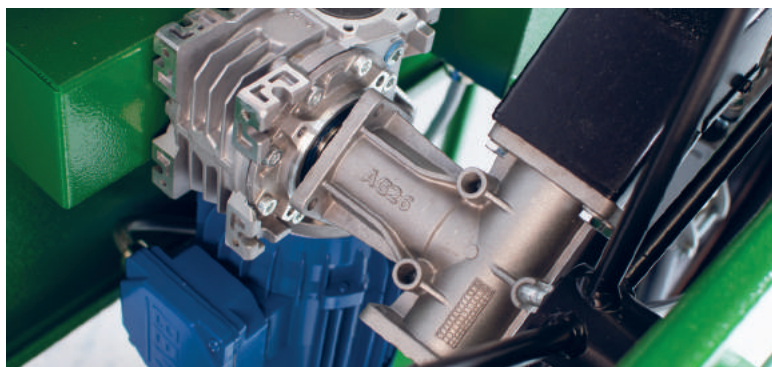
CLEANING BRUSHES:

Basic brushes, M12, PP bristle
Brush with nylon centre, Pes bristle, Ø 0.50mm
Brush with nylon centre and disc, Pes/Nylon bristle, Ø 0.70mm
Brushes with nylon centre, Nylon bristle, 1.0mm
Brushes for special cleaning with nylon centre, Tynex/Nylon

ACCESSORIES:

Brush adapter for nylon centre brushes

- Emergency stop switch on the control panel
- Full rubber drum support wheels (with MS bearings)
- Electric double pedal / direction control
- Quick connector for the shaft and the gear-side shaft end



BOS® CLEANER 750p BKT8603000

This machine is the professional's choice for cleaning, disinfection and coating of large ducts. The machine is an excellent choice for circular and rectangular 315-1200mm ducts. The hose for chemicals and air facilitates efficient working in difficult conditions. While the brush is rotating, you can also apply a jet of pressurized air, thus making the cleaning process more effective. Using the liquid nozzle you can also disinfect or coat the duct surfaces.

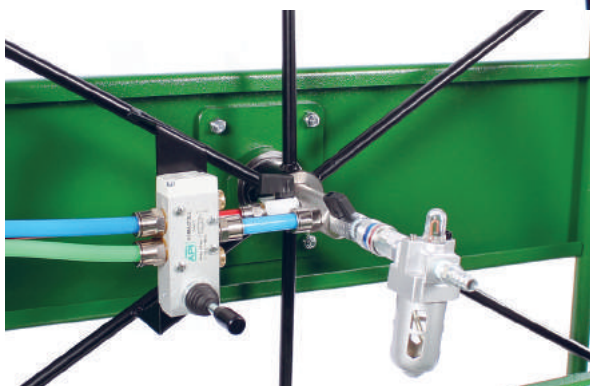
The BOS® Cleaner 750p brushing machine has a very good reach – up to more than 65 metres in both directions from a maintenance door. Due to the roller bearing of the support axle, the flexible cleaning shaft is easy to feed and reel in. An air valve controls the speed and direction of rotation. The brush is pneumatically powered.

CLEANING BRUSHES:

Basic brushes, M12, PP bristle
Brush with nylon centre, Pes bristle, Ø 0.50mm
Brush with nylon centre and disc, Pes/Nylon bristle, Ø 0.70mm
Brushes with nylon centre, Nylon bristle, 1.0mm
Brushes for special cleaning with nylon centre, Tynex/Nylon
Fat brushes M-12, Nylon Ø 2.5mm

ACCESSORIES:

Brush adapter for nylon centre brushes
Air nozzle
Liquid nozzle
Oil sprayer for air motor
To be ordered separately:
Low pressure sprayer
Foam nozzle



- Lockable swivel front wheels
- Cleaning shaft guide stainless steel (Aisi 304)
- Full rubber drum support wheels (with MS bearings)

TECHNICAL DATA:

	BOS® Cleaner 370e	BOS® Cleaner 750e
Operating voltage	240 V	240 V
Frequency	50 Hz	50 Hz
Motor	0,55 kW / 3,1 A	0,75 kW / 3,1 A
Fuse	10 A	10 A
Speed control	At the inverter	At the inverter
Power cord, rubber cable (3G 3*1,5mm ²)	5m	5m
Operating switch	Yes	Yes
Rotation speed	50-560 rpm Continuous control	50-560 rpm Continuous control
Brush control/reversing	Electric pedal	Electric pedal
Brush coupling	M12	M12
Material, housing/drum	Painted steel/Marine aluminium EN AW 5754	Painted steel/Marine aluminium EN AW 5754
Dimensions (height*width*length) mm	925*470*690	1200*500*1060
Weight kg	44	76
IP rating	54	54
Cleaning shaft length	20 m	27 m
Cleaning shaft	Pa MOQ 18/12 +10mm flexible steel shaft	LDPE tubing + 11 glass fibre rods, 12mm steel shaft in a PA tube
Shaft mounting adapter	ESSA	ESSA
Wheels	Ø 200 mm	Ø 250 mm / Ø 100 mm lockable swivel wheels
Indicator light	Yes	Yes
Emergency stop switch	Yes	Yes
Hour logger	At the inverter	At the inverter
Max. brush size Ø 350mm	Ø 400 mm	Ø 700 mm

TECHNICAL DATA:

	BOS Cleaner 750p
Power source	Compressed air
Motor	Ober LFB3R
Motor air requirement	Optimal 400 l / min 6 bar (max 8 bar) (3,8 Nm (stall 6,5 Nm))
Required compressor	300-600 l / min, 6 bar max 8 bar
Brush speed	Continuously adjustable
Noise	78,5 dB (A)
Control devices	Manually adjustable compressed air valve
Brush control / change of direction	Air valve
Brush connector	M 12
Dimensions (height / width / length) mm	1200*500*1060
Weight	44 kg
Cleaning shaft length	40 m
Cleaning shaft	LDPE outer sheath +11 mm glass fibre rod, 2*12/10 PaP40, 1* 10(8 Pa12P40
Pressure	6 bar (pressure)
Air flow	300- 600 i/min
Material, housing / drum	Painted steel/marine-grade aluminium EN AW 5754
Wheels (Rear- / front wheels)	Ø 250 mm / Ø 100 mm locking swivel casters
Max brush size	1200 mm

Low pressure sprayer, 5L For disinfection.

BKT8901004

Tank stainless steel. Pump, sprayer handle, spray pipe and nozzle in brass. Viton gaskets. To be pressurized through the pressurized air system or using a manual pump. Due to the separate filling orifice, filling, emptying and maintaining the tank is easy.



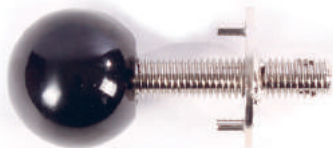
Repair set for driller shaft

BKT8706001



Brush adapter for nylon centre brushes

BKT8901000



Foam nozzle with backpressure valve, BC 750p

BKT8901002



Flexible brush adapter M-12

BKT8901001



Liquid nozzle with backpressure valve, BC 750p

BKT8901004



Air nozzle, BC 750p

BKT8901003



Oil sprayer, BC 750p

BKT8901005



Carrying case for driller shaft

BKT8901006



Driller shaft with flexible brush head

For 80–300mm ducts

Ø 8mm wire

Brush mount M12

Flexible brush end

For small ducts with corners

BKT8701020	Driller shaft with flexible brush end Ø 8mm, 3m
BKT8701030	Driller shaft with flexible brush end Ø 8mm, 6m
BKT8701040	Driller shaft with flexible brush end Ø 8mm, 9m

Driller shaft

For 80–300mm ducts

Ø 8mm wire

Brush mount M12

For small ducts

BKT8700900	Driller shaft Ø 8mm, 3m
BKT8701000	Driller shaft Ø 8mm, 6m
BKT8701010	Driller shaft Ø 8mm, 9m
BKT8701015	Driller shaft Ø 8mm, 12m

Driller shaft

For 100–400mm ducts

Ø 10mm wire

Brush mount M12.

BKT8702010	Driller shaft Ø 10mm 6m
BKT8702020	Driller shaft Ø 10mm 9m
BKT8702030	Driller shaft Ø 10mm 12m

Driller shaft for flexible brush end

For 80–250mm ducts

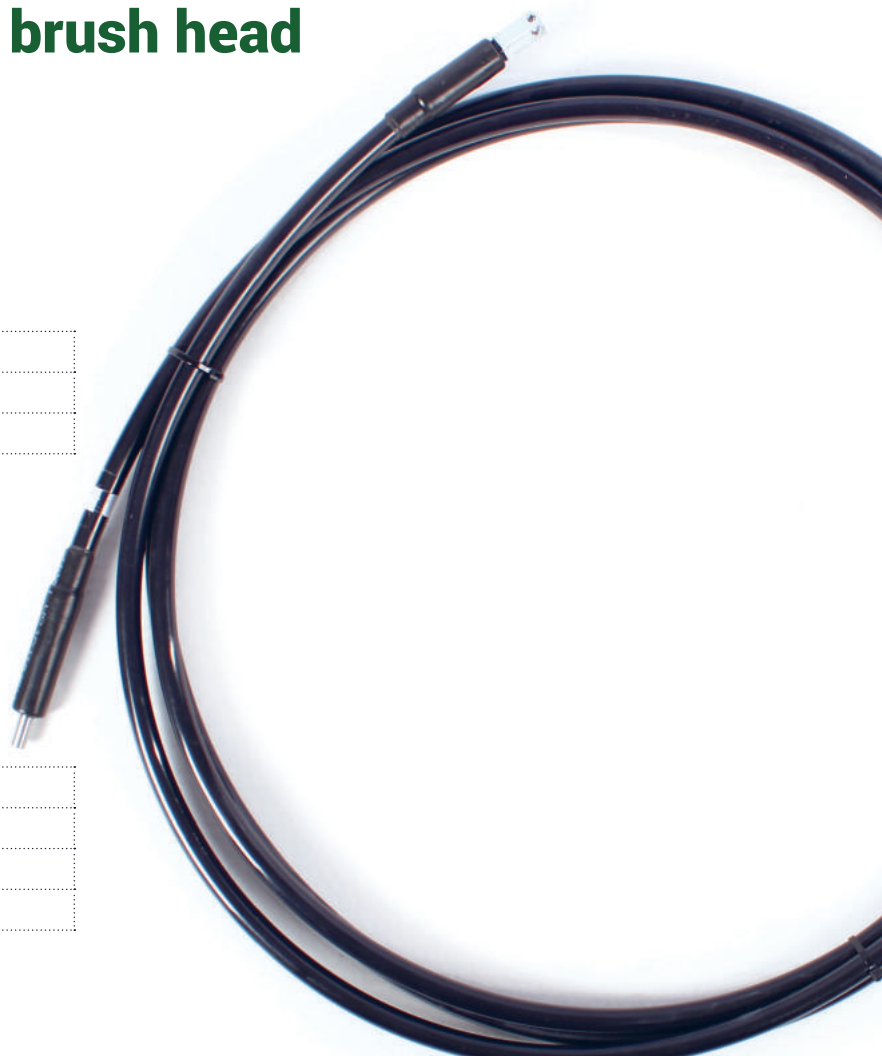
Ø 8mm wire

M6 threaded brush coupling for short brush body

Flexible brush end

For small ducts with corners

BKT8702220	Driller shaft with flexible brush end Ø 8mm 3m, M6 brush coupling. + 3 pcs M6 brushes of your choice.
BKT8702230	Driller shaft with flexible brush end Ø 8mm 6m, M6 brush coupling. + 3 pcs M6 brushes of your choice.
BKT8702240	Driller shaft with flexible brush end Ø 8mm 9m, M6 brush coupling. + 3 pcs M6 brushes of your choice.





Basic brushes, mount M12, PP bristle

BK08801000	Basic brush M12 Ø 100mm soft
BK08801005	Basic brush M12 Ø 200mm soft
BK08801010	Basic brush M12 Ø 300mm soft
BK08801020	Basic brush M12 Ø 400mm
BK08801025	Basic brush M12 Ø 500mm
BK08801030	Basic brush M12 Ø 600mm



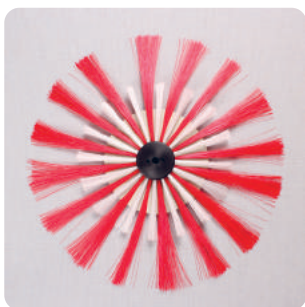
Brushes with nylon centre, Pes bristle, 0.50mm

BK08802000	Soft brush, nylon centre Ø 200mm
BK08802001	Soft brush, nylon centre Ø 300mm
BK08802002	Soft brush, nylon centre Ø 400mm
BK08802003	Soft brush, nylon centre Ø 500mm
BK08802004	Soft brush, nylon centre Ø 600mm
BK08802005	Soft brush, nylon centre Ø 700mm
BK08802006	Soft brush, nylon centre Ø 800mm
BK08802007	Soft brush, nylon centre Ø 900mm
BK08802008	Soft brush, nylon centre Ø 1000mm



Brushes for driller shaft, M6 mount Pes bristle, 0.35mm

BK08802010	Soft brush for flexible driller shaft M6, Ø 100mm
BK08802011	Soft brush for flexible driller shaft M6, Ø 125mm
BK08802012	Soft brush for flexible driller shaft M6, Ø 150mm
BK08802013	Soft brush for flexible driller shaft M6, Ø 200mm
BK08802013	Soft brush for flexible driller shaft M6, Ø 350 mm



Brushes with nylon centre and disc. Pes/Nylon bristle, 0.70mm

BK08802100	Combination brush with nylon centre and disc Ø 200/400
BK08802101	Combination brush with nylon centre and disc Ø 300/500
BK08802102	Combination brush with nylon centre and disc Ø 400/600
BK08802103	Combination brush with nylon centre and disc Ø 500/700
BK08802104	Combination brush with nylon centre and disc Ø 600/800
BK08802105	Combination brush with nylon centre and disc Ø 700/900
BK08802106	Combination brush with nylon centre and disc Ø 800/1000



Brushes with nylon center Nylon bristle 1,00 mm, transp.

BK08802200	Medium brush with nylon center 1 mm, Ø 300 mm
BK08802201	Medium brush with nylon center 1 mm, Ø 400 mm
BK08802202	Medium brush with nylon center 1 mm, Ø 500 mm
BK08802203	Medium brush with nylon center 1 mm, Ø 600 mm



Brushes for small ducts

Pes bristle, 0.35mm

BK08802299	Soft brush for small ducts Ø 125mm
BK08802300	Soft brush for small ducts Ø 150mm
BK08802301	Soft brush for small ducts Ø 200mm
BK08802302	Soft brush for small ducts Ø 350mm



Brushes for rectangular ducts, Nylon bristle

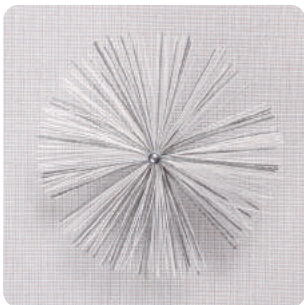
BK08802041	Hemispheric brush M12 Ø 150mm
BK08802042	Hemispheric brush M12 Ø 250mm
BK08802043	Hemispheric brush M12 Ø 350mm



Brushes with nylon centre

Tynex/Nylon bristle

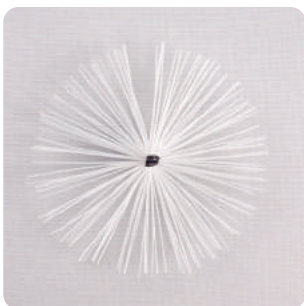
BK08802051	Combination brush tynex/nylon nylon centre Ø 200/400
BK08802052	Combination brush tynex/nylon nylon centre Ø 300/500
BK08802053	Combination brush tynex/nylon nylon centre Ø 400/600
BK08802054	Combination brush tynex/nylon nylon centre Ø 600/800
BK08802055	Combination brush tynex/nylon nylon centre Ø 800/1000



Combination brush

Tynex / Nylon bristle

BK08802110	Brush tynex/nylon Ø 100 mm
BK08802112	Brush tynex/nylon Ø 160 mm
BK08802114	Brush tynex/nylon Ø 250 mm
BK08802115	Brush tynex/nylon Ø 300 mm
BK08802116	Brush tynex/nylon Ø 400 mm
BK08802117	Brush tynex/nylon Ø 500 mm



Grease brush M12.

Stiff nylon bristle, 2.5mm

BK08802061	Brush M12 bristle 2.5, white Ø 350
BK08802062	Brush M12 bristle 2.5, white Ø 450
BK08802063	Brush M12 bristle 2.5, white Ø 550
BK08802064	Brush M12 bristle 2.5, white Ø 650
BK08802065	Brush M12 bristle 2.5, white Ø 850
BK08802066	Brush M12 bristle 2.5, white Ø 950
BK08802067	Brush M12 bristle 2.5, white Ø 1200

The BOS® Clean negative air machines are designed and intended for air quality improvement and air purification during construction and renovation projects. The air flows and filtration efficiency of these type-approved machines have been determined by laboratory tests at VTT Technical Research Centre of Finland Ltd.

Combined with HEPA 13 filters recommended by the manufacturer, the machines are suitable for asbestos work as defined in current applicable legislation and regulations. The BOS® negative air machines can be used in demanding asbestos removal work and mould projects, and for dust control of dry air.

The negative air machines of the BOS® Clean product family also facilitate work. They are easy to move to the site, and filter changes are fast due to the quick-lock mechanism.



TECHNICAL DATA	BOS® Clean Mi	BOS® Clean Li	BOS® Clean XLi
Max. air flow without filter	3200 m ³ /h	4800 m ³ /h	5400 m ³ /h
Air flow with HEPA filter	1000 m ³ /h	3200 m ³ /h	4000 m ³ /h
Static pressure	630 Pa	1300 Pa	1300 Pa
Operating voltage / frequency	200 - 277 V 1~ 50 / 60 Hz	200 - 277 V 1~ 50 / 60 Hz	200 - 277 V 1~ 50 / 60 Hz
Motor / W / A	0,44 kW / 2,2 A	1,44 kW / 5,2 A	1,44 kW / 5,2 A
Fuse A	10 A	10 A	10 A
Power cord (3G 3*1,5 mm ²)	2 m	2 m	2 m
Operating switch	Yes	Yes	Yes
Speed control	Yes	Yes	Yes
Sound/noise level	< 70 dBA	< 70 dBA	<70 dBA
Material	Marine aluminium ALMG3	Marine aluminium ALMG3	Marine aluminium ALMG3
Safety locking device for HEPA filter	Yes	Yes	Yes
Intake/outlet	Ø 254 / 300 mm	Ø 300mm	Ø 300mm
Outlet duct	Lay-flat or flexible duct	Lay-flat or flexible duct	Lay-flat or flexible duct
Dimensions (height*width*length)	400*350*790 mm	660*550*1050 mm	820*710*1050 mm
Weight without filters	15 kg	36 kg	44 kg
IP- rating	54	54	54
Carrying handle(s)	Yes	Yes	Yes
Wheels	-	Yes	Yes
Indicator	Yes	Yes	Yes
Pressure differential meter	Yes	Yes	Yes
Hour meter	Yes	Yes	Yes

BOS® Clean Mi

BKT8301000

BOS® Clean Mi is small enough to be used in restricted spaces, yet efficient enough for creating negative pressure in larger spaces as well. The machine is lightweight and easy to move.

MAIN FEATURES:

- Approved for asbestos work
- Compact size, large capacity
- Easy to move, easy to use
- Speed control
- Safety locking for Hepa filter
- Carrying handle
- Indicator light
- Wide operating voltage range
- Easily changeable filters
- Available in different filter combinations: Hepa 13/14 (EN1822), bag filter ePM1 50% (F7), cassette filter ISO Coarse 70% (G4) or pre-filter media G4



BOS® Clean Li

BKT8401050

BOS® Clean Li is suitable for creating negative pressure in medium- to large-sized homes and spaces. It is lightweight and mounted on large, smooth-moving wheels (Ø 125mm). It is suited to heavy-duty use and can be moved over obstacles.

MAIN FEATURES:

- Approved for asbestos work
- Compact size, large capacity
- Easy to move, easy to use
- Swivel / lockable front and rear wheels
- Safety locks for the Hepa filter
- Carrying handles on the sides
- Speed control
- Wide operating voltage range
- LED lights indicate the load of the filters
- Operating hour meter
- Easy to change filters
- Available in different filter combinations: Hepa -13/14 (EN1822), bag filter ePM1 50% (F7), cassette filter ISO Coarse 70% (G4) or pre-filter media G4



BOS[®] Clean XLi

BKT8501050

BOS[®] Clean XLi is suitable for creating negative pressure in very large spaces and compartments. Lightweight, despite its size, it is mounted on large, smooth-moving wheels (Ø 125mm) for enhanced mobility. It is suited to heavy-duty use and can be moved over obstacles. To extend the Hepa filter replacement interval, also use a bag filter and/or pre-filter.

MAIN FEATURES:

- Approved for asbestos work
- High capacity
- Light to move, easy to use
- Swivel / lockable front and rear wheels
- Safety locks for the Hepa filter
- Carrying handles on the sides
- Speed control
- Wide operating voltage range
- LED lights indicate the load of the filters
- Operating hour meter
- Easy to change filters
- Available in different filter combinations: Hepa - 13/14 (EN1822), bag filter ePM1 50% (F7), cassette filter ISO Coarse 70% (G4) or pre-filter media G4



Filter collar

BKT8301010	Filter collar Mi
BKT8401010	Filter collar L / Li
BKT8501010	Filter collar XL / Xli



Bag filter box

BKT8401110	Bag filter box L / Li
BKT8501110	Bag filter box XL / Xli



Corrugated hose

BK08200100	Expandable hose Ø 254mm, 10m
BK08200200	Expandable hose Ø 305mm, 10m



Hose clamp

BK08200210	Hose clamp
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Clear plastic foil hose

BK08200300	Exhaust hose Ø 305mm, 480*0,15 transparent, 75m/ roll
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Hepa filter

BK08205000	Hepa filter BOS® Mi Filter area 10,1m ² , air flow 1000m ³ /h, pressure loss 250Pa
BK08205010	Hepa filter BOS® Li Filter area 21,9m ² , air flow 2177m ³ /h, pressure loss 250Pa
BK08205020	Hepa filter BOS® XLi Filter area 40,3m ² , air flow 4000m ³ /h, pressure loss 250Pa



Bag filter

BK08205050	BOS® Clean Mi bag filter ePM1 50% (F7), 3 bags
BK08205060	BOS® Clean Li bag filter ePM1 50% (F7), 5 bags
BK08205070	BOS® Clean XLi bag filter ePM1 50% (F7), 6 bags



Cassette filter

BK08205080	BOS® Clean Mi cassette filter ISO Coarse 70 % (G4)
BK08205090	BOS® Clean Li cassette filter ISO Coarse 70 % (G4)
BK08205100	BOS® Clean XLi cassette filter ISO Coarse 70 % (G4)



Carbon cassette filter

BK08205110	BOS® Clean Mi Cassette filter, activated carbon, 500 G/m ²
BK08205111	BOS® Clean Li Cassette filter, activated carbon, 500 G/m ²
BK08205112	BOS® Clean XLi Cassette filter, activated carbon, 500 G/m ²



G4 pre filter media

BK08205120	BOS® Clean Mi, G4 pre filter media, 10 pads/bag
BK08205130	BOS® Clean Li, G4 pre filter media, 10 pads/bag
BK08205140	BOS® Clean XLi, G4 pre filter media, 10 pads/bag



Pre-filter media, roll

BK08206600	Pre-filter media roll G3, 40 m 700mm
BK08207700	Pre-filter media roll G4, 30 m 1000mm





With the machines of the BOS^o Cleantec range, duct cleaning and negative pressure cleaning are carried out professionally.

BOS^o Clean negative air machines have been tested at the VTT labs, and they are also suitable for work at sites containing asbestos.

All **BOS^o Cleantec** machines represent the highest level of Finnish design and are manufactured in our own production plant.

You will find more information on these products and other Bos product family solutions at:



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