



CATALOGUE #1

ECO-SERIES BLAST CABINETS

ECO-series suction blast cabinets

Economy models, for long lasting light and medium industrial use. Frontal loading or loading from above by crane. Space efficient and flexible due to use of a freestanding dust collector. For operation with fine or light abrasives. Blast cabinet is manufactured in accordance with European CE regulations, and fulfills specifications concerning operator safety and filtration of technological air. Includes injection blast system, blast media reclaimer and pulse cleaned cartridge dust collector. The cabinets are made of continuously welded heavy-duty steel construction with hopper mounted suction blast system and freestanding cartridge dust collector.

1. Ceiling lighting

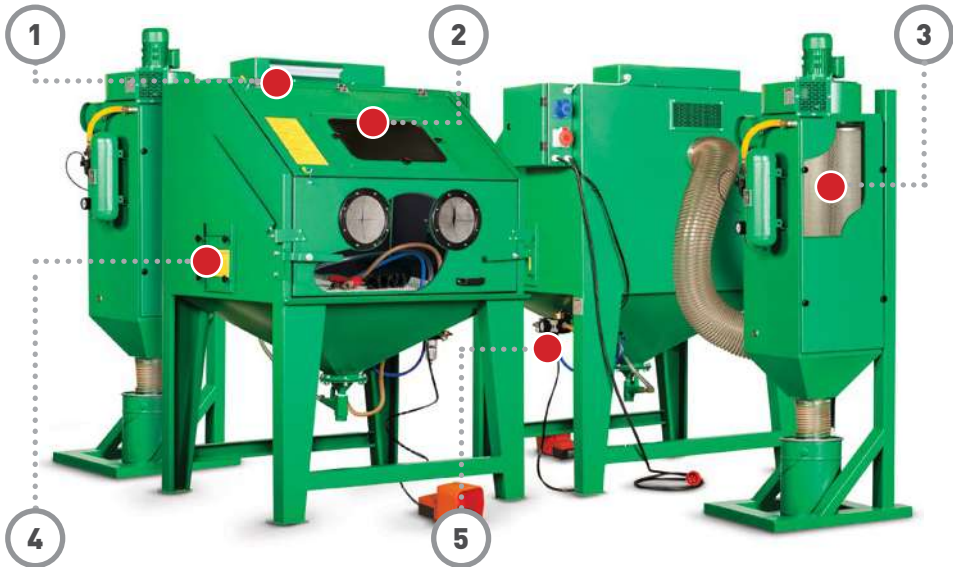
Externally located ceiling dual fluorescent lighting offers excellent view of interior.

2. Safety plate glass

Safety plate glass view window on operator side made from durable static free material.

3. Cartridge filter

Large cartridge filter surface area traps over 99% of dust down to 0.5 micron.



4. Pass-through doors

Integrated pass-through cabinet doors for blast cleaning of long objects.

5. Pneumatic control

Durable pneumatic controls which offer greater reliability than electric controls that often stick and burn.

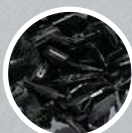
Field of application

Abrasive blasting applications including cleaning, deburring, deflashing, finishing, peening and decorating. Build for long lasting light to medium industrial use.

Designed to work with



Aluminum oxide



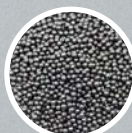
Silicon carbide



Garnet



Glass beads



Steel grit and
steel shot

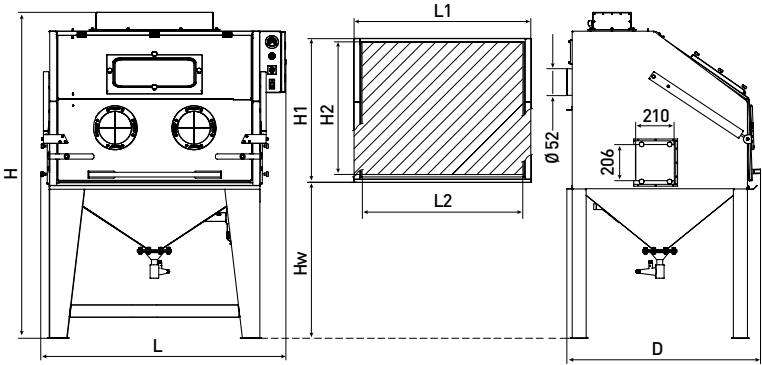


Plastic abrasives

Technical data

Base model	ECO-80S-base	ECO-100S-base	ECO-120S-base	ECO-140S-base
Interior Dimensions D x W x H, mm	750x520x660	950x720x760	1150x920x860	1350x1120x960
Overall Dimensions D x W x H, mm	950x680x1660	1150x880x1760	1350x1080x1860	1550x1280x1960
Dust collector, type	no			
Entry-level model	ECO-80S	ECO-100S	ECO-120S	ECO-140S
Dust collector Overall Dimensions D x W x H, mm	600x600x1550	600x600x1550	600x600x1550	600x600x1550
Dust collector, type	DC-370			
Filter area (polyester), m ²	2,7			
Filter cartridge pulse jet cleaned	no			
Special model SF	ECO-80SF	ECO-100SF	ECO-120SF	ECO-140SF
Dust collector Overall Dimensions D x W x H, mm	600x600x1550	600x600x1550	600x600x1550	600x600x1550
Dust collector, type	DC-370			
Filter area (polyester), m ²	2,7			
Filter cartridge pulse jet cleaned	yes			
Special model SL	ECO-80SL	ECO-100SL	ECO-120SL	ECO-140SL
Dust collector Overall Dimensions D x W x H, mm	570x760x1800	570x760x1800	570x760x1800	570x760x1800
Dust collector, type	DC-550		DC-750	
Filter area (polyester), m ²	7,5		11,0	
Filter cartridge pulse jet cleaned	yes		yes	

Blast cabinets ECO-S overall dimensions



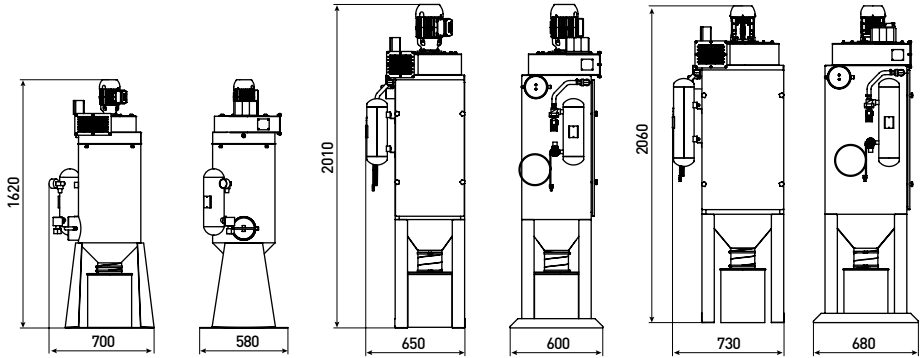
Model	H (mm)	Hw (mm)	H1 (mm)	H2 (mm)	L (mm)	L1 (mm)	L2 (mm)	D (mm)
ECO-80S-base	1665	890	680	620	1000	800	680	685
ECO-100S-base	1760	890	780	715	1200	1000	860	910
ECO-120S-base	1860	890	880	820	1400	1200	1085	1110
ECO-140S-base	2185	1145	950	885	1560	1400	1240	1255

Dust collector DC-390, DC-550, DC-750 overall dimensions

DC-370

DC-550

DC-750



ECO-80S-base, ECO-100S-base, ECO-120S-base, ECO-140S-base – suction type blast cabinets

STANDARD DELIVERY BASE MODEL w/o dust collector:

All-welded blast cabinet, assembled ready to use with hopper mounted suction blast system, GX manual blast gun, GXT-8 tungsten carbide nozzle, lined rubber gloves RGS-600, pneumatic pilot operated control valve, foot valve with remote control hoses.

For dust removing and good working piece visibility, the cabinet has to be connected to a DC-series dust collector (not included in scope of delivery) or to the factory's own central vacuum system.

Technical data

Rubber curtains:	No
Dust collector, type:	No
Electrical connection, kW:	0,1 kW; 230V~
Standard load capacity, kg:	350



Order code	Model	Description
10117301	ECO-80S-base	Suction type blast cabinet, base model w/o dust collector
10117302	ECO-100S-base	Suction type blast cabinet, base model w/o dust collector
10117303	ECO-120S-base	Suction type blast cabinet, base model w/o dust collector
10117304	ECO-140S-base	Suction type blast cabinet, base model w/o dust collector

ECO-80S, ECO-100S, ECO-120S, ECO-140S – suction type blast cabinets

STANDARD DELIVERY ENTRY-LEVEL MODEL

Suction type blast cabinets for low-dust blast media.

All-welded blast cabinet, assembled ready to use with hopper mounted suction blast system, GX manual blast gun, GXT-8 tungsten carbide nozzle, lined rubber gloves RGS-600, pneumatic pilot operated control valve, foot valve with remote control hoses, air filter with manual drain valve, freestanding cartridge dust collector DC-370 with manual cartridge cleaning, filter cartridge, suction hose.

ECO-series blast cabinets in standard delivery are equipped with a manual cleaning of filter cartridge. Filter cartridge can be cleaned by rapid opening and closing of ball valve to dislodge dust, or can be removed and cleaned outside.

Technical data

Rubber curtains:	No
Dust collector, type:	DC-370
Filter cartridge pulse jet cleaned:	No
Electrical connection, kW:	0,5 kW; 380-420V~
Standard load capacity, kg:	350



Order code	Model	Description
10217101	ECO-80S	Suction type blast cabinet, Entry-level model
10217102	ECO-100S	Suction type blast cabinet, Entry-level model
10217103	ECO-120S	Suction type blast cabinet, Entry-level model
10217104	ECO-140S	Suction type blast cabinet, Entry-level model

ECO-80SF, ECO-100SF, ECO-120SF, ECO-140SF – suction type blast cabinets

STANDARD DELIVERY STARTER MODEL

Professional models with increased functionality for low-dust blast media.

Special models SF are equipped with timer operated pulse jet cleaning of filter cartridge and with rubber curtains on cabinet internal walls.

Technical data

Rubber curtains:	Yes
Dust collector, type:	DC-370
Filter cartridge pulse jet cleaned:	Yes
Electrical connection, kW:	0,5 kW; 380-420V~
Standard load capacity, kg:	350



Order code	Model	Description
10217111	ECO-80SF	Suction type blast cabinet, Starter model SF – pulse jet cleaning, rubber curtains
10217112	ECO-100SF	Suction type blast cabinet, Starter model SF – pulse jet cleaning, rubber curtains
10217113	ECO-120SF	Suction type blast cabinet, Starter model SF – pulse jet cleaning, rubber curtains
10217114	ECO-140SF	Suction type blast cabinet, Starter model SF – pulse jet cleaning, rubber curtains

ECO-80SL, ECO-100SL, ECO-120SL, ECO-140SL – suction type blast cabinets

STANDARD DELIVERY PROFESSIONAL MODEL

Professional models for medium duty long lasting industrial use.

Special models SL are equipped with a freestanding dust collector DC-550 or DC-750 with increased ventilation capacity, a large sized filter cartridge, a pulse jet cartridge cleaning system and rubber curtains on internal walls of cabinet.

Technical data

Rubber curtains:	Yes
Dust collector, type:	DC-550 / DC-750
Filter cartridge pulse jet cleaned:	Yes
Electrical connection, kW:	0,7 / 0,9 kW; 380-420V~
Standard load capacity, kg:	350



Order code	Model	Description
10217121	ECO-80SL	Suction blast cabinet, Professional model SL – dust collector DC-550 and rubber curtains
10217122	ECO-100SL	Suction blast cabinet, Professional model SL – dust collector DC-550 and rubber curtains
10217123	ECO-120SL	Suction blast cabinet, Professional model SL – dust collector DC-750 and rubber curtains
10217124	ECO-140SL	Suction blast cabinet, Professional model SL – dust collector DC-750 and rubber curtains

Dust collectors DC-series with cartridge filter element

Dust collectors DC-series with cartridge type filter element are developed to work with ECO-series blast cabinets by operation with low-dust to medium-dust blast medias.

Dust collectors are equipped with integrated fan and timer operated pulse jet cleaning.

Technical data

Model:	DC-370 / DC-550 / DC-750
Fan capacity, m³/h:	800 / 870 / 900
Fan pressure, Pa:	1075 / 1310 / 1470
Filter area (polyester), m²:	2,7 / 7,5 / 11,0
Electrical connection, kW:	0,37 / 0,55 / 0,75 kW; 380-420V~



Order code	Model	Description
10117512	DC-370	Dust collector with cartridge filter element, 0,37kW, 2,7 m²
10117513	DC-550	Dust collector with cartridge filter element, 0,55kW, 7 m²
10117514	DC-750	Dust collector with cartridge filter element, 0,75kW, 11 m²

ECO-series pressure blast cabinets

Economy models, for long lasting light and medium industrial use. Frontal loading or loading from above by crane. Space efficient and flexible due to use of a freestanding dust collector. For operation with fine or light abrasives. Blast cabinet is manufactured in accordance with European CE regulations, and fulfills specifications concerning operator safety and filtration of technological air. Includes injection blast system, blast media reclaimer and pulse cleaned cartridge dust collector. The cabinets are made of continuously welded heavy-duty steel construction with hopper mounted pressure blast system and freestanding cartridge dust collector.

1. Ceiling lighting

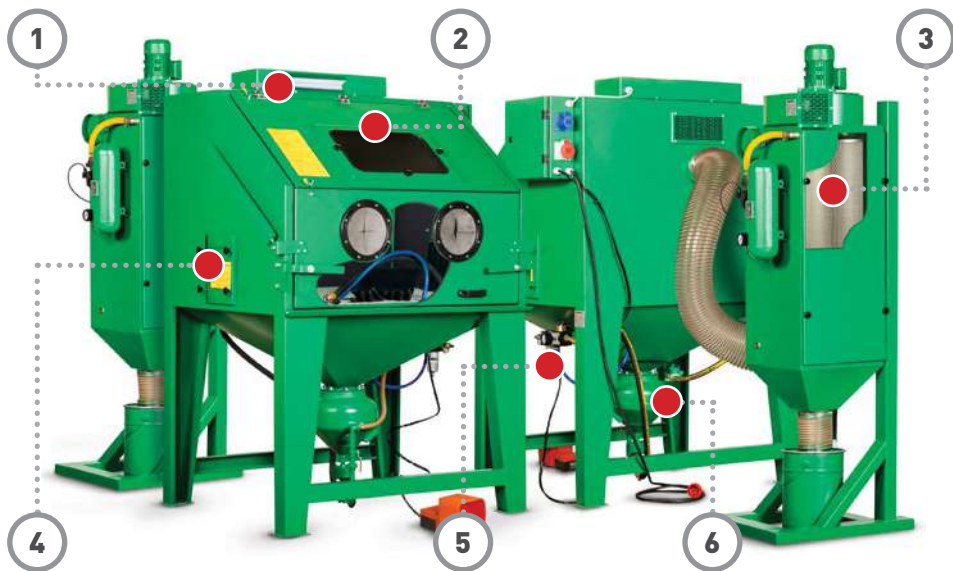
Externally located ceiling dual fluorescent lighting offers excellent view of interior.

2. Safety plate glass

Safety plate glass view window on operator side made from durable static free material.

3. Cartridge filter

Large cartridge filter surface area traps over 99% of dust down to 0.5 micron.



4. Pass-through doors

Integrated pass-through cabinet doors for blast cleaning of long objects.

5. Pneumatic control

Durable pneumatic controls which offer greater reliability than electric controls that often stick and burn.

6. Blast machine.

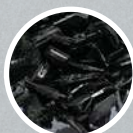
Field of application

Abrasive blasting applications including cleaning, deburring, deflashing, finishing, peening and decorating. Build for long lasting light to medium industrial use.

Designed to work with



Aluminum oxide



Silicon carbide



Garnet



Glass beads



Steel grit and
steel shot

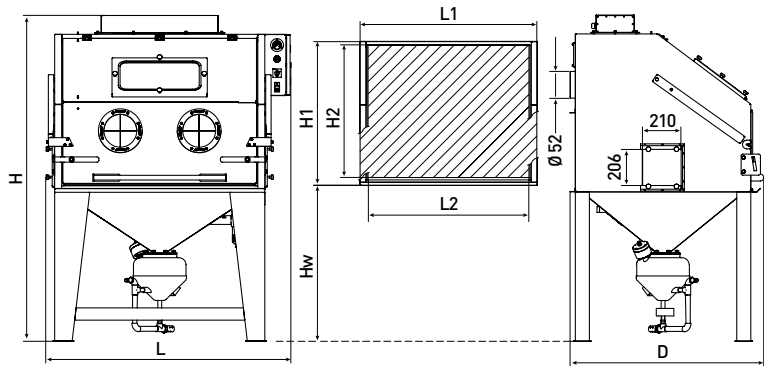


Plastic abrasives

Technical data

Base model	ECO-80P-base	ECO-100P-base	ECO-120P-base	ECO-140P-base
Interior Dimensions D x W x H, mm	750x520x660	950x720x760	1150x920x860	1350x1120x960
Overall Dimensions D x W x H, mm	950x680x1660	1150x880x1760	1350x1080x1860	1550x1280x1960
Blast machine type	CBS-13			
Dust collector, type	no			
Entry-level model	ECO-80P	ECO-100P	ECO-120P	ECO-140P
Dust collector Overall Dimensions D x W x H, mm	600x600x1550	600x600x1550	600x600x1550	600x600x1550
Dust collector, type	DC-370			
Filter area (polyester), m ²	2,7			
Filter cartridge pulse jet cleaned	no			
Special model PF	ECO-80PF	ECO-100PF	ECO-120PF	ECO-140PF
Dust collector Overall Dimensions D x W x H, mm	600x600x1550	600x600x1550	600x600x1550	600x600x1550
Dust collector, type	DC-370			
Filter area (polyester), m ²	2,7			
Filter cartridge pulse jet cleaned	yes			
Special model PL	ECO-80PL	ECO-100PL	ECO-120PL	ECO-140PL
Dust collector Overall Dimensions D x W x H, mm	570x760x1800	570x760x1800	570x760x1800	570x760x1800
Dust collector, type	DC-550		DC-750	
Filter area (polyester), m ²	7,5		11,0	
Filter cartridge pulse jet cleaned	yes		yes	

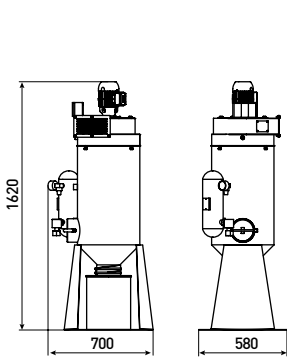
Blast cabinets ECO-P overall dimensions



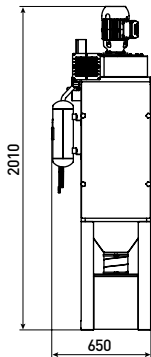
Model	H (mm)	Hw (mm)	H1 (mm)	H2 (mm)	L (mm)	L1 (mm)	L2 (mm)	D (mm)
ECO-80P-base	1665	890	680	620	1000	800	680	685
ECO-100P-base	1760	890	780	715	1200	1000	860	910
ECO-120P-base	1860	890	880	820	1400	1200	1085	1110
ECO-140P-base	2185	1145	950	885	1560	1400	1240	1255

Dust collector DC-390, DC-550, DC-750 overall dimensions

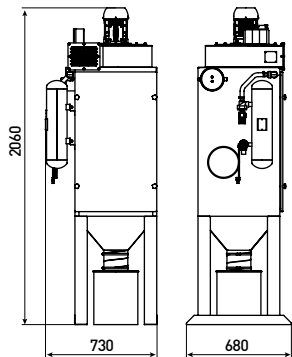
DC-370



DC-550



DC-750



ECO-80P-base, ECO-100P-base, ECO-120P-base, ECO-140P-base – pressure type blast cabinets

STANDARD DELIVERY BASE MODEL w/o dust collector:

All-welded blast cabinet, ready to use assembled with hopper mounted pressure blast system, NTC-5 tungsten carbide nozzle, lined rubber gloves RGS-600, pneumatic pilot operated control valve, foot valve with remote control hoses.

For dust removing and good working piece visibility, the cabinet has to be connected to a DC-series dust collector (not included in scope of delivery) or to the factory's own central vacuum system.

Technical data

Rubber curtains:	No
Dust collector, type:	No
Electrical connection, kW:	0,1 kW; 230V~
Standard load capacity, kg:	350



Order code	Model	Description
10117401	ECO-80P-base	Pressure type blast cabinet, base model w/o dust collector
10117402	ECO-100P-base	Pressure type blast cabinet, base model w/o dust collector
10117403	ECO-120P-base	Pressure type blast cabinet, base model w/o dust collector
10117404	ECO-140P-base	Pressure type blast cabinet, base model w/o dust collector

ECO-80P, ECO-100P, ECO-120P, ECO-140P – pressure type blast cabinets

STANDARD DELIVERY ENTRY-LEVEL MODEL

Pressure type blast cabinets for low-dust blast media.

All-welded blast cabinet, ready to use assembled with hopper mounted pressure blast system, NTC-5 tungsten carbide nozzle, lined rubber gloves RGS-600, pneumatic pilot operated control valve, foot valve with remote control hoses, air filter with manual drain valve, freestanding cartridge dust collector DC-370 with manual cartridge cleaning, filter cartridge, suction hose.

ECO-series blast cabinets in standard delivery are equipped with a manual cleaning of filter cartridge. Filter cartridge can be cleaned by rapid opening and closing of ball valve to dislodge dust, or can be removed and cleaned outside.

Technical data

Rubber curtains:	No
Dust collector, type:	DC-370
Filter cartridge pulse jet cleaned:	No
Electrical connection, kW:	0,5 kW; 380-420V~
Standard load capacity, kg:	350



Order code	Model	Description
10217201	ECO-80P	Pressure type blast cabinet, Entry-level model
10217202	ECO-100P	Pressure type blast cabinet, Entry-level model
10217203	ECO-120P	Pressure type blast cabinet, Entry-level model
10217204	ECO-140P	Pressure type blast cabinet, Entry-level model

ECO-80PF, ECO-100PF, ECO-120PF, ECO-140PF – pressure type blast cabinets

STANDARD DELIVERY STARTER MODEL

Professional models with increased functionality for low-dust blast media.

Special models PF are equipped with timer operated pulse jet cleaning of filter cartridge and are fitted with rubber curtains on cabinet internal walls.

Technical data

Rubber curtains:	Yes
Dust collector, type:	DC-370
Filter cartridge pulse jet cleaned:	Yes
Electrical connection, kW:	0,5 kW; 380-420V~
Standard load capacity, kg:	350



Order code	Model	Description
10217211	ECO-80PF	Pressure type blast cabinet, Starter model PF – pulse jet cleaning, rubber curtains
10217212	ECO-100PF	Pressure type blast cabinet, Starter model PF – pulse jet cleaning, rubber curtains
10217213	ECO-120PF	Pressure type blast cabinet, Starter model PF – pulse jet cleaning, rubber curtains
10217214	ECO-140PF	Pressure type blast cabinet, Starter model PF – pulse jet cleaning, rubber curtains

ECO-80PL, ECO-100PL, ECO-120PL, ECO-140PL – pressure type blast cabinets

STANDARD DELIVERY PROFESSIONAL MODEL

Professional models for medium duty long lasting industrial use.

Special models PL are equipped with a freestanding dust collector DC-550 or DC-750 with increased ventilation capacity, a large sized filter cartridge, a pulse jet cartridge cleaning system and rubber curtains on internal walls of cabinet.

Technical data

Rubber curtains:	Yes
Dust collector, type:	DC-550 / DC-750
Filter cartridge pulse jet cleaned:	Yes
Electrical connection, kW:	0,7 / 0,9 kW; 380-420V~
Standard load capacity, kg:	350



Order code	Model	Description
10217221	ECO-80PL	Pressure blast cabinet, Professional model PL – dust collector DC-550 and rubber curtains
10217222	ECO-100PL	Pressure blast cabinet, Professional model PL – dust collector DC-550 and rubber curtains
10217223	ECO-120PL	Pressure blast cabinet, Professional model PL – dust collector DC-750 and rubber curtains
10217224	ECO-140PL	Pressure blast cabinet, Professional model PL – dust collector DC-750 and rubber curtains

Dust collectors DC-series with cartridge filter element

Dust collectors DC-series with cartridge type filter element are developed to work with ECO-series blast cabinets by operation with low-dust to medium-dust blast medias.

Dust collectors are equipped with integrated fan and timer operated pulse jet cleaning.

Technical data

Model:	DC-370 / DC-550 / DC-750
Fan capacity, m³/h:	800 / 870 / 900
Fan pressure, Pa:	1075 / 1310 / 1470
Filter area (polyester), m²:	2,7 / 7,5 / 11,0
Electrical connection, kW:	0,37 / 0,55 / 0,75 kW; 380-420V~



Order code	Model	Description
10117512	DC-370	Dust collector with cartridge filter element, 0,37kW, 2,7 m²
10117513	DC-550	Dust collector with cartridge filter element, 0,55kW, 7 m²
10117514	DC-750	Dust collector with cartridge filter element, 0,75kW, 11 m²

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