

# HELIOS PNEUMATIC VACUUM CLEANER

- Abrasive recovery after sandblasting, dust free sandblasting

C540



ABRASIVE  
RECYCLING

HELIOS is equipped with a 10 metres long vacuum hose with accessories and a recovery container with a capacity of 70 litres. It is ideal to vacuum abrasive, rubbles, sawdust, powders, etc.

- 100 % pneumatic operation
- Easy maintenance, washable filter, extractable container for discharge
- Manual dust removal

C540 Vacuum cleaner

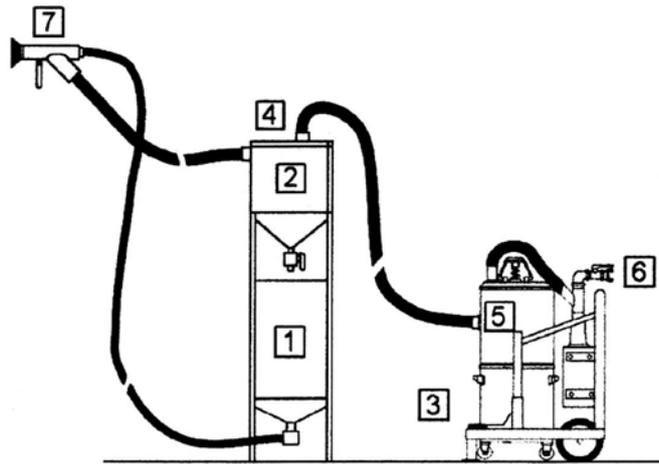
Length	900 mm
Width	660 mm
Height	1 600 mm
Weight	137 kg
Collecting container capacity	70 litres
Bag filter	16,5 m <sup>2</sup>
Consumption with Ø 8 mm air nozzle	230 m <sup>3</sup> /h
Consumption with Ø 10 mm air nozzle	370 m <sup>3</sup> /h



# PRINCIPLES

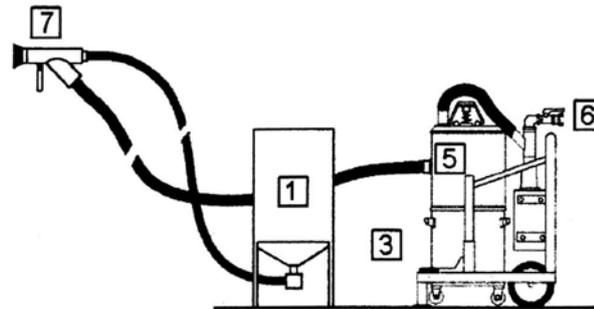
## Principle A

Dust free sandblasting with recyclable abrasive: steel grit, corundum, etc.



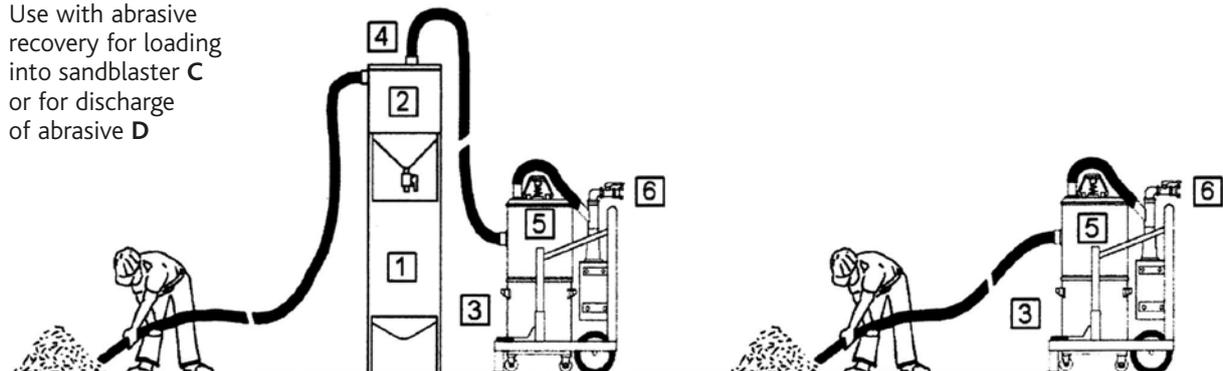
## Principle B

Dust free sandblasting with non-recyclable abrasive: sand, slag, etc.



## Principle C

Use with abrasive recovery for loading into sandblaster C or for discharge of abrasive D



## Principle D

# DUST FREE SANDBLASTING

## Principles A and B

### Helios: vacuum pneumatic kit adaptable on all sandblasters equipped with a nozzle up to 8 mm diameter

**OPERATION:** Venturi ⑥ is plugged into air compressor. Sandblaster ① is loaded and started. Abrasive jet takes place at the nozzle.

**Configuration A (recyclable abrasive):** projections after impact are contained in brush holder ⑦ and then sucked towards upper tank ②. Cyclonic cover ④ separates heavy abrasive which falls into upper tank ②. Dust is moved towards tank ③. Manual cleaning of air filter contained in tank ⑤ is operated with the manual shaker.

**Configuration B (non-recyclable abrasive):** projections after impact are contained by brush holder ⑦ and then directly sucked towards tank ③. Manual cleaning of air filter contained in tank ⑤ is operated with the manual shaker.

#### Air consumption at 6,5 bar

Sandblasting nozzle	Air consumption	Venturi nozzle Ø	Air consumption	Total air consumption
5	80 m <sup>3</sup> /h	7,5	210 m <sup>3</sup> /h	290 m <sup>3</sup> /h
6	135 m <sup>3</sup> /h	9	300 m <sup>3</sup> /h	430 m <sup>3</sup> /h
8	230 m <sup>3</sup> /h	10	370 m <sup>3</sup> /h	600 m <sup>3</sup> /h

#### Accessories



Brush holder and brush

# ABRASIVE RECOVERY

## Principles C and D

### Helios: kit for abrasive recovery from the ground after sandblasting

**OPERATION:** Venturi ⑥ is plugged into air compressor. Abrasive is sucked from the ground.

**CONFIGURATION C (recyclable abrasive):** abrasive is sucked towards upper tank ②. Cyclonic cover ④ separates heavy particles from dusts drawn into tank ③.

**CONFIGURATION D (non-recyclable abrasive):** abrasive is directly sucked into recovery tank ③.

#### Air consumption at 6,5 bar

Ø Venturi nozzle	Air consumption
8	230 m <sup>3</sup> /h
9	300 m <sup>3</sup> /h
10	370 m <sup>3</sup> /h

#### Accessories



# HIGH POWER INDUSTRIAL VACUUM CLEANER

## Multipurpose uses

Helios is adapted for the recovery of different types of dry products: **sand, woodchips, powders, abrasive, dust, gravel, etc.** It is suited for the maintenance of sandblasting workshops, sawmills, painting rooms (powder), worksites, etc.



Air consumption at 6,5 bar

Venturi nozzle Ø	Air consumption	Suction in mm
8	230 m <sup>3</sup> /h	2600
9	300 m <sup>3</sup> /h	3700
10	370 m <sup>3</sup> /h	4600

## Easy maintenance

Washable filter

- 1 Removable container, easy to pullout and to discharge
- 2 Manual dust removal



Your nearest dealer:



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