

# Dry Ice Blasting Unit

## ASCO Nanojet

complete (fully adjustable)

part no. 900910 & 4064272



The **ASCO Nanojet** has been specially developed for the plastics industry. It has an integrated pellet grinder in which the dry ice pellets are crushed into finest particles. With the **ASCO Nanojet** a lot of smallest pellets hit on the surface to be cleaned which ensures a precise, fast and consistent surface cleaning. Together with the newly developed gun nozzle and the optional blasting gun with integrated cutter for even finer dry ice pellets, the **ASCO Nanojet** is the **perfect all-round package for almost all applications**. The integrated grounding roll ensures safe handling during the blasting process. Further benefits are the very low noise level and the significantly reduced compressed air consumption of the **ASCO Nanojet**.

### Powerful and very handy blasting gun:

Thanks to a **quick connect coupling** the gun can be very easily attached to the blasting unit.

Increased security thanks to the **locking pin**, which makes a sudden opening of the locking mechanism of the nozzle impossible.

A **quick exchange system** allows nozzles to be changed within seconds without any tools.

The **ergonomic gun handle** ensures very easy handling and comfortable operation when blasting over longer periods. The newly developed safety mechanism is ideal for left and right-hander.



### Specifications

Material:	frame and cover sheets made of powder-coated steel
Dimensions (L x W x H) incl. wheels and folded handle:	635 x 480 x 830-1'130 mm (variable) (25 x 18.90 x 32.68-44.49 in)
Weight empty:	approx. 62 kg (136.69 lb)
Content of pellet hopper:	approx. 6 kg (13.22 lb)
Blasting pressure:	2- 10 bar (29.01-145.04 psi) (adjustable)
Dry ice consumption:	5- 20 kg/h (11-44 lb/h) (stepless)
Max. power consumption:	250 W (0.34 HP) nominal
Voltage:	230 V, 50/60 Hz, 1 Ph (other voltages on request)
Connection:	Input: claw coupling 3/4"

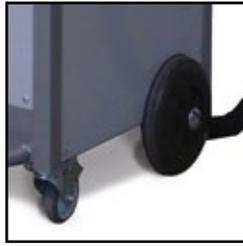
### ASCO Nanojet tool case part no. 4064272



## ASCO Nanojet: Special features



Powerful and handy blasting gun with quick connect coupling



Highly manoeuvrable



Quick connect coupling at blasting hose



Lightweight and compact



Integrated holding device for hose



Vertically adjustable handle for easy handling



Integrated grounding wire for more safety



Insulated pellet hopper with 6 kg (13.22 lb) capacity



Control panel for easy overview

## ASCO Nanojet basic (part no. 900910): Standard scope of supply

### Blasting gun OHSK

Standard for the ASCO Nanojet  
Length: 20 cm (7.87 in)  
Weight: 0.8 kg (1.76 lb)

including

### Barrel nozzle 704.09/08/K for OHSK gun

Standard for ASCO Nanojet Blasting Gun  
(exclusively for Nanojet)

Powerful nozzle with extremely low air consumption  
Outlet opening: approx. Ø 8 mm (0.35 in)  
Length: 9 cm (3.54 in)  
Inner diameter: 4 mm (0.16 in)  
Material: plastic

part no. 4047128



OHSK

part no. 4064141



**Hose assembly 5 m (16.4 ft) ID 13 mm (0.51 in) for OHSK/OHC gun**

Standard for the ASCO Nanojet, can also be used as an extension of the hose assembly incl. control cable, grounded

OHS  
OHC

part no. 4047111



**Compressed air hose 7.5 m (24.6 ft) ID 10 mm (0.39 in)**

The 7.5 m (24.6 ft) compressed air hose with a claw coupling on the equipment side and a plug in nipple on the compressed air system side makes quick provision of air possible at the job site.

part no. 4047095



**ASCO Nanojet tool case (part no. 4064272): Standard scope of supply**

**High performance barrel nozzle 705.09/08/K**

Standard for the blasting gun OHSK

Powerful nozzle with very low air consumption  
Outlet opening: approx. Ø 8 mm (0.31 in)  
Length: 9 cm (3.54 in)  
Inner diameter: 5 mm (0.2 in)  
Material: plastic

OHS

part no. 4047089



**Angled nozzle 704.16/08/90°K**

A powerful nozzle for confined spaces with very low air consumption

Outlet opening: approx. Ø 8 mm (0.31 in)  
Length: 16 cm (6.23 in)  
Inner diameter: 4 mm (0.16 in)  
Material: plastic

OHS

part no. 4064464



**Dry ice blasting gun OHC with integrated cutter**

Standard for the ASCO Nanojet  
Length: 20 cm (7.87 in)  
Weight: 0.8 kg (1.76 lb)

OHC

part no. 4063744



**Special wrench for cutter grid**

To easily change the grid of the OHC gun

OHC

part no. 4047109

### Barrel nozzle 807.09/09/K for OHC gun

Standard equipment to OHC gun

Outlet opening: approx.  $\varnothing$  9 mm (0.35 in)  
Length: 9 cm (3.54 in)  
Inner diameter: 7 mm (0.28 in)  
Material: plastic

OHC

part no. 4047120



### Tool case ASCO Nanojet

Empty tool case with matching insert

OHS  
OHC

part no. 4064492



### Lighting kit for dry ice blasting gun

Kompact torch  
LED light 160 lumen, 160 cm (63 in)  
Up to 25 hours battery life

Length: 10.6 cm (4.2 in)  
Weight: 120 g (0.35 lb)

OHS  
OHP  
HP

part no. 4064129



## ASCO Nanojet: Options

Pos. 001

### Barrel nozzle 707.09/10/K

Thanks to an inner diameter of only 7 mm (0.27 in) in the barrel nozzle has a very economical air consumption but is nevertheless powerful.

Outlet opening: approx.  $\varnothing$  10 mm (0.39 in)  
Length: 9 cm (3.54 in)  
Inner diameter: 7 mm (0.28 in)  
Material: plastic

OHS

part no. 4047277



Pos. 002

### Barrel nozzle 707.15/12/K

Thanks to an inner diameter of only 7 mm (0.27 in) the barrel nozzle has a very economical air consumption but is nevertheless powerful.

Outlet opening: approx.  $\varnothing$  12 mm (0.47 in)  
Length: 15 cm (5.91 in)  
Inner diameter: 7 mm (0.28 in)  
Material: plastic

OHS

part no. 4047278



Pos. 003

### Protective sleeve for one hose system 165 mm (6.5 in)

To protect the control cable and blasting hose from dirt and damages

Available in meters

OHS  
OHP

part no. 4047265



## ASCO Nanojet: Options

Pos. 004

### Spare parts kit ASCO Nanojet

Containing the most important parts to ensure quick reaction for continuous operation

part no. 4063501



Pos. 005

### Barrel nozzle 807.09/09 for OHC gun

Alternative nozzle for OHC gun made of aluminium

Outlet opening: approx.  $\varnothing$  9 mm (0.35 in)  
Length: 9 cm (3.54 in)  
Inner diameter: 7 mm (0.28 in)  
Material: Aluminium

OHC

part no. 4047120



Pos. 006

### Angled nozzle 807.16/10/90°/K for OHC gun

Nozzle to clean in narrow spaces

Outlet opening:  $\varnothing$  10 mm (0.39 in)  
Length: 16 cm (6.31 in)  
Inner diameter: 7 mm (0.28 in)  
Material: plastic

OHC

part no. 4047110



Pos. 007

### Flat nozzle 807.14/30/K for OHC gun

Thanks to an inner diameter of only 7 mm (0.28 in) the flat nozzle has a very economical air consumption but is nevertheless powerful. Suitable for blasting large areas.

Outlet opening: approx. 30 mm  $\times$  1.6 mm (1.18  $\times$  0.06 in)  
Length: 14 cm (5.51 in)  
Inner diameter: 7 mm (0.28 in)  
Material: plastic

OHC

Art.-Nr. 4047119

