

# Dry Ice Blasting Unit

## ASCOJET Combi blaster 1708

complete (fully adjustable)

part no. 900480



The **ASCOJET Combi blaster 1708** is the first ASCO dry ice blasting unit which allows the use of an additional blasting material in the blasting flow and therefore offers the best combination of gentle cleaning with dry ice pellets and the additional abrasive effect of a carefully selected additive.

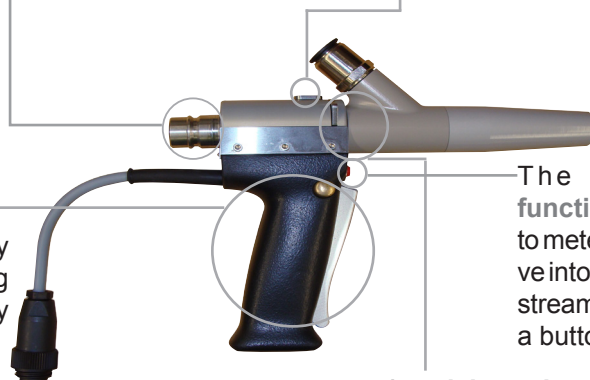
Powerful, handy, minimal secondary pollution and reduced noise emission thanks to a low air consumption - The **ASCOJET Combi blaster 1708** is perfectly suitable for industrial end users of all kinds.

### Powerful and handy blasting gun:

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

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

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



The **ON/OFF function** enables to meter the additive into the blasting stream by pushing a button.

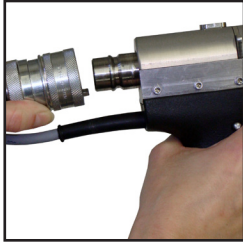
### Specifications

Material:	frame and cover sheets made of powder-coated steel
Dimensions (L x W x H) incl. wheels and handle:	752 x 608 x 1'103mm(30 x 24 x 44 in)
Weight empty:	approx. 84 kg (185.19 lb)
Content of pellet hopper:	approx. 23 kg (50.7 lb)
Content of box for additive:	approx. 5 kg (11 lb) (depending on additive)
Blasting pressure with additive:	4 - 8 bar (58 - 116 psi) (adjustable)
Blasting pressure w/o additive:	0 - 10 bar (0 - 145 psi) (adjustable)
Dry ice consumption:	25 - 80 kg/h (55.12 - 176.37 lb/h)(stepless)
Additive consumption:	approx. 30 kg/h (66.14 lb/h) (depending on blasting pressure)
Max. power consumption:	600 W (0.80 HP) nominal
Voltage:	230 V, 50/60 Hz, 1 Ph (other voltages on request)
Connection:	Input: 3/4" BSP

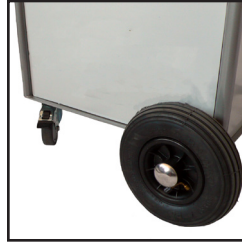
A **quick exchange system** allows nozzles to be changed within seconds without any tools.



## ASCOJET Combi blaster 1708: Special features



Powerful and handy blasting gun with quick connect coupling



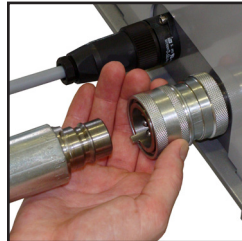
Highly manoeuvrable



Integrated holding device for hose



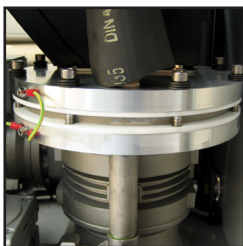
Lightweight and compact



Quick connect coupling at blasting hose



Box for additive with approx. 5 kg capacity



Distributor unit for pulsation-free blasting



Insulated pellet hopper with 23 kg (50.71 lb) capacity



Control panel for easy overview

## ASCOJET Combi blaster 1708: Standard scope of supply

### Blasting gun additive OHP

Standard for the ASCOJET 1708  
incl. protective glove additive (part no. 4061690)

part no. 4063751



### Blasting nozzle additive

Standard for the ASCOJET 1708

part no. 4061580



### Hose assembly 7.5 m (24.6 ft) for OHP gun additive

Standard for the ASCOJET 1708

part no. 4061696



### Protective hood for ASCOJET 1701/1708/2008

The newly developed hood for our blasting equipment protects the control elements from contamination. The transparent cover can be opened for easy view on and access to the operation elements. For cleaning the hood can easily be taken off.

part no. 4065213



## ASCOJET Combi blaster 1708 WITH Additive: Options

Pos. 001

### Spare parts kit ASCOJET Combi blaster 1708

Spare part kit containing the most important spare parts to ensure quick reaction for continuous operation.

Art.-Nr. 4047140



## ASCOJET Combi blaster 1708 WITHOUT Additive: Options

Pos. 001

### Tool case OHP basic

Contains the entire nozzle assortment (excl. gun and standard barrel nozzle, part no. 918364), fits to OHP gun

Consists of 6 nozzles:  
part no. 4045402, 4045403, 4047216, 4047141, 4047219, 4047220

OHP

part no. 4045870



Pos. 002

### High performance barrel nozzle 709.17/14

Powerful and handy nozzle

Outlet opening: approx. Ø 14 mm (0.55 in)  
Length: 17 cm (6.69 in)  
Inner diameter: 9 mm (0.35 in)

OHP

part no. 4045402



Pos. 003

### High performance barrel nozzle 709.23/154

Powerful and handy nozzle  
Standard for the blasting gun OHP  
Most powerful nozzle of the ASCOJET single-hose system  
Outlet opening: approx. Ø 15 mm (0.59 in)  
Length: 23 cm (8.97 in)  
Inner diameter: 9 mm (0.35 in)

OHP

part no. 4047144



Pos. 004

### Barrel nozzle short 709.09/11

Powerful nozzle to clean in narrow spaces

Outlet opening: approx. Ø 11 mm (0.43 in)  
Length: 9 cm (3.54 in)  
Inner diameter: 9 mm (0.35 in)

OHP

part no. 4045403



## ASCOJET Combi blaster 1708 WITHOUT Additive: Options

Pos. 005

### Flat nozzle 709.23/45

Powerful nozzle suitable for blasting large areas

Outlet opening: approx. 45 × 3.5 mm (1.77 x 0.14 in)

Length: 23 cm (8.97 in)

Inner diameter: 9 mm (0.35 in)

OHS  
OHP

part no. 4047216



Pos. 006

### Barrel nozzle special 709.42/15

The nozzle is designed to allow for a comfortable working position of the person in charge and is very powerful

Outlet opening: approx. Ø 15 mm (0.59 in)

Length: 42 cm (16.54 in)

Inner diameter: 9 mm (0.35 in)

OHP

part no. 4047141



Pos. 007

### Angled nozzle 709.28/11/45°

A powerful nozzle for very confined spaces and difficult to reach spots

Outlet opening: approx. Ø 11 mm (0.43 in)

Length: 28 cm (10.97 in)

Inner diameter: 9 mm (0.35 in)

OHP

part no. 4047219



Pos. 008

### Angled nozzle 709.25/11/75°

A powerful nozzle for very confined spaces and difficult to reach spots

Outlet opening: approx. Ø 11 mm (0.43 in)

Length: 25 cm (9.84 in)

Inner diameter: 9 mm (0.35 in)

OHP

part no. 4047220



Pos. 009

### Tool case OHP basic empty

Empty tool case with matching insert

OHP

part no. 4045873



Pos. 010

### Pellet cutter OHP

For sensitive blasting applications

With safety quick connect coupling, 2.5 m (8.2 ft) hose and control cable, grounded

OHP

part no. 4047257



## ASCOJET Combi blaster 1708 WITHOUT Additive: Options

Pos. 011

### Converter coupling ASCOJET 1701 - 1208

This converter coupling makes it possible that the OHS gun with the corresponding blasting hose of the ASCOJET 1208 can be connected to the ASCOJET 1701

Length: 7.8 cm (3.04 in)

Weight: 0.2 kg (0.44 lb)

Outlet opening: approx. Ø 34 mm (1.34 in)

OHS

part no. 4047040



Pos. 012

### Blasting gun OHS

Standard for the ASCOJET 1208

Length: 26 cm (10.24 in)

Weight: 1.0 kg (2.2 lb)

Blasting pressure: 0 - 7 bar (0 - 101.53 psi)

OHS

part no. 4047129



including the corresponding blasting nozzle

### High performance barrel nozzle 707.15/12

Standard for the blasting gun OHS

Powerful nozzle with low air consumption

Outlet opening: approx. Ø 12 mm (0.47 in)

Length: 15 cm (5.9 in)

Inner diameter: 7 mm (0.28 in)

part no. 4047321



Pos. 013

### Hose assembly 5m (16.4 ft) for OHS gun

Standard for the ASCOJET 1208, can also be used as an extension of the hose assembly incl. control cable, grounded

OHS

part no. 4047104



Pos. 014

### Tool case OHS/OHP pro

Contains the entire nozzle assortment (excl. gun and standard barrel nozzle, part no. 917757), fits to OHS and OHP gun

Consists of 6 nozzles:

part no. 4047028, 4047228, 4047216, 4045402, 4047222, 4047223

OHS  
OHP

part no. 4045871



Pos. 015

### Barrel nozzle 707.09/10

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. Ø 10 mm (0.39 in)

Length: 9 cm (3.54 in)

Inner diameter: 7 mm (0.28 in)

OHS  
OHP

part no. 4047228



## ASCOJET Combi blaster 1708 WITHOUT Additive: Options

Pos. 016

### Barrel nozzle 707.15/12

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. Ø 12 mm (0.47 in)  
Length: 15 cm (5.9 in)  
Inner diameter: 7 mm (0.28 in)

OHS  
OHP

part no. 4047321



Pos. 017

### Angled nozzle 708.28/10/45°

A powerful nozzle for confined spaces with low air consumption

Outlet opening: approx. Ø 10 mm (0.39 in)  
Length: 28 cm (10.97 in)  
Inner diameter: 8 mm (0.31 in)

OHS  
OHP

part no. 4047222



Pos. 018

### Angled nozzle 708.25/10/75°

A powerful nozzle for confined spaces with low air consumption

Outlet opening: approx. Ø 10 mm (0.39 in)  
Length: 25 cm (9.84 in)  
Inner diameter: 8 mm (0.31 in)

OHS  
OHP

part no. 4047223



Pos. 019

### Tool case OHS/OHP pro empty

Empty tool case with matching insert

OHS  
OHP

part no. 4045874



Pos. 020

### 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



Pos. 021

### Compressed air hose 7.5 m (24.6 ft) / ID 25 mm (1 in)

Connecting hose between air compressor and dry ice blasting machine, incl. claw coupling and safety ring for fast and easy connection / disconnection

Material: Fabric hose / metal  
Dimension: 7.5 m (24.6 ft)  
Weight: 2.4 kg (5.29 lb)

part no. 4045955



## ASCOJET Combi blaster 1708 WITHOUT Additive: Options

Pos. 022

### Claw coupling with 19 mm (3/4 in) male thread

part no. 4045949

For fast connection and disconnection of the air line to the blasting equipment



Pos. 023

### Lighting kit for dry ice blasting gun

part no. 4064129

Compact 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)

OHP  
OHS  
HP

