

# Dry Ice Blasting Unit

## ASCOJET 1708 Combi Blaster

complete (fully adjustable)

part no. 900480



The **ASCOJET 1708 Combi Blaster** 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 1708 Combi Blaster** 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.

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

### Specifications

Material:

Dimensions (L x W x H) incl. wheels & handle:

Weight empty:

Content of pellet hopper:

Content of box for additive:

Blasting pressure with additive:

Blasting pressure w/o additive:

Dry ice consumption:

Additive consumption:

Max. power consumption:

Voltage:

Inlet hose connection:

frame and cover sheets made of powder-coated steel

752 x 608 x 1'103 mm (30 x 24 x 44 in)

approx. 110 kg (243 lb)

approx. 23 kg (51 lb)

approx. 12 kg (26 lb) (depending on additive)

4-8 bar (58-116 psi) (adjustable)

0-10 bar (0-145 psi) (adjustable)

25-80 kg/h (55-176 lb/h) (stepless)

up to 25 kg/h (55 lb/h) (depending on blasting pressure)

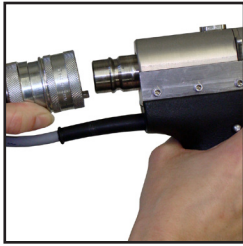
600 W (0.8 HP) nominal

230 V, 50 Hz, 1 Ph (other voltages on request)

3/4" BSP female

3/4" Claw coupling fitted

## ASCOJET 1708 Combi Blaster: Special features



Powerful and handy blasting gun with quick connect coupling



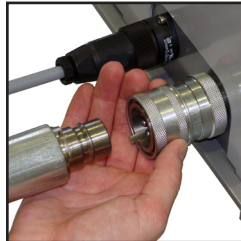
Highly manoeuvrable



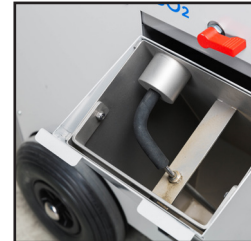
Integrated holding device for hose



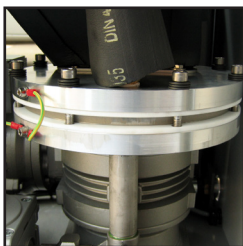
Lightweight and compact



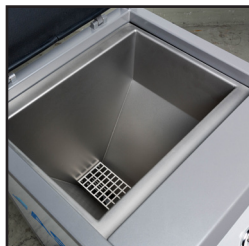
Quick connect coupling at blasting hose



Box for additive with approx. 12 kg (26 lb) capacity



Distributor unit for pulsation-free blasting



Insulated pellet hopper with 23 kg (50 lb) capacity



Control panel for easy overview

## ASCOJET 1708 Combi Blaster: Standard scope of supply

Pos. 001

### Blasting gun additive OHP

Standard for the ASCOJET 1708

Length: 29.5 cm (11.6 in)

Weight: 1.05 kg (2.3 lb)

Blasting pressure: 0 - 10 bar (0 - 145 psi)

incl. protection glove additive (part no. 4061690)

(Blasting gun OHP4 without nozzle part no. 4064796)

including the corresponding blasting nozzle

### Blasting nozzle additive OHP

Standard for the ASCOJET 1708

Special nozzle for combined blasting with dry ice and blasting sand

Outlet opening: approx. Ø 13 mm (0.5 in)

Length: 22.5 cm (8.9 in)

Inner diameter: 8 mm (0.3 in)

part no. 4063751



OHP

part no. 4061580



Pos. 002

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

Standard for the ASCOJET 1708

OHP

part no. 4061696



## ASCOJET 1708 Combi Blaster: Standard Scope of supply

Pos. 003

### Protective hood for ASCOJET 1701/1708

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



Pos. 004

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

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

Already mounted on the unit.

part no. 4045949



Pos. 005

### Power cable 10 m (32 in)

part no. 4053647

## ASCOJET 1708 Tool Case: Scope of supply

Pos. 001

### Tool case ASCOJET 1701 / 1708

Tool case complete  
(contains below articles pos. 002 - 008)

part no.. 4064572

OHP



os. 002

### Tool case ASCOJET 1701 / 1708 empty

Empty tool case with matching insert

part no. 4064575

OHP



Pos. 003

### High performance barrel nozzle 709.17/14

Powerful and handy nozzle

Outlet opening: approx. Ø 14 mm (0.6 in)

Length: 17 cm (6.7 in)

Inner diameter: 9 mm (0.4 in)

part no. 4045402

OHP



Pos. 004

### Barrel nozzle short 709.09/11

Powerful nozzle to clean in narrow spaces

Outlet opening: approx. Ø 11 mm (0.4 in)

Length: 9 cm (3.5 in)

Inner diameter: 9 mm (0.4 in)

part no. 4045403

OHP



## ASCOJET 1708 Tool Case: Scope of Supply

Pos. 005

### Barrel nozzle special 709.42/15

part no. 4047141

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

OHP



Outlet opening: approx. Ø 15 mm (0.6 in)  
Length: 42 cm (16.5 in)  
Inner diameter: 9 mm (0.4 in)

Pos. 006

### Angled nozzle 708.28/10/45°

part no. 4047222

A powerful nozzle for confined spaces with low air consumption

OHS  
OHP



Outlet opening: approx. Ø 10 mm (0.4 in)  
Length: 28 cm (11.0 in)  
Inner diameter: 8 mm (0.3 in)

Pos. 007

### Flat nozzle 709.23/45

part no. 4047216

Powerful nozzle suitable for blasting large areas

OHS  
OHP



Outlet opening: approx. 45 × 3.5 mm (1.77 x 0.14 in)  
Length: 23 cm (9.0 in)  
Inner diameter: 9 mm (0.3 in)

Pos. 008

### 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 (3 x 1.5V AAA)  
Batteries not included in scope of supply  
Length: 10.6 cm (4.2 in)  
Weight: 120 g (0.4 lb)

OHS  
OHP  
HP



## ASCOJET 1708: Options

Pos. 001

### High performance barrel nozzle 709.23/15

part no. 4047144

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 (0.6 in)  
Length: 23 cm (9.0 in)  
Inner diameter: 9 mm (0.4 in)

OHP



Pos. 002

### Angled nozzle 709.28/11/45°

part no. 4047219

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

OHP



Outlet opening: approx. Ø 11 mm (0.4 in)  
Length: 28 cm (11.0 in)  
Inner diameter: 9 mm (0.4 in)

## ASCOJET 1708: Options

Pos. 003

### Angled nozzle 709.25/11/75°

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

Outlet opening: approx. Ø 11 mm (0.4 in)  
Length: 25 cm (9.8 in)  
Inner diameter: 9 mm (0.4 in)

OHP

part no. 4047220



Pos. 004

### 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



Pos. 005

### 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 (3.0 in)  
Weight: 0.2 kg (0.4 lb)  
Outlet opening: approx. Ø 34 mm (1.3 in)

OHS

part no. 4047040



Pos. 006

### Blasting gun OHS

Standard for the ASCOJET 1208  
Length: 26 cm (10.2 in)  
Weight: 1.0 kg (2.2 lb)  
Blasting pressure: 0-7 bar (0-102 psi)

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 (0.5 in)  
Length: 15 cm (6.0 in)  
Inner diameter: 7 mm (0.3 in)

OHS

part no. 4063745



part no. 4047321



Pos. 007

### Hose assembly 5 m (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. 008

### Nozzle extension 700.150 OHP/OHS

Modular nozzle extension for OHS and OHP dry ice blasting guns with a total length of up to 1.5 m (59 in) with nozzle

Length 1: 455 mm (18 in) without nozzle  
Length 2: 580 mm (23 in) without nozzle  
Length 3: 835 mm (33 in) without nozzle  
Length 4: 960 mm (38 in) without nozzle  
Length 5: 1340 mm (53 in) without nozzle

Weight in full length: 1.50 kg (3.3 lb)  
Inner diameter: 10 mm (0.4 in)  
Material: aluminium

OHS  
OHP

part no. 4046018



## ASCOJET 1708: Options

Pos. 009

### 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 (0.4 in)  
Length: 9 cm (3.5 in)  
Inner diameter: 7 mm (0.3 in)

OHS  
OHP

part no. 4047228



Pos. 010

### 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 (0.5 in)  
Length: 15 cm (6.0 in)  
Inner diameter: 7 mm (0.3 in)

OHS  
OHP

part no. 4047321



Pos. 011

### Angled nozzle 708.25/10/75°

A powerful nozzle for confined spaces with low air consumption

Outlet opening: approx. Ø 10 mm (0.4 in)  
Length: 25 cm (9.8 in)  
Inner diameter: 8 mm (0.3 in)

OHS  
OHP

part no. 4047223



Pos. 0012

### Nozzle extension 700.62 OHP/OHS

Modular for nozzle extension for OHS and OHP dry ice blasting guns with a length of 668 mm (26.3 in)

Weight: 0.6 kg (1.3 lb)  
Inner diameter: 10 mm (0.4 in)  
Material: aluminium

OHS  
OHP

part no. 4063373



Pos. 013

### Spare parts kit ASCOJET 1708 Combi Blaster

Includes a recommended selection of spare parts to ensure constant operation.

part no. 4066289



Sample image

## ASCOJET 1708: Options

Pos. 014

### 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 (5.3 lb)

part no. 4045955



Pos. 015

### 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

part no. 4047265

