

Dry Ice Blasting Unit

ASCOJET® 1708 Combi Blaster

complete (fully adjustable)

part no. 900901



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)

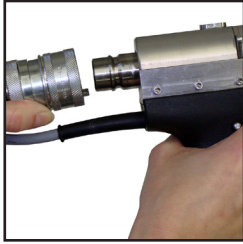
600 W (0.8 HP) nominal

120 V, 60 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



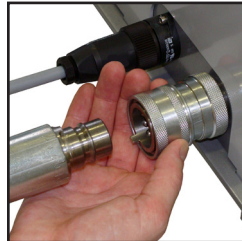
Highly manoeuvrable



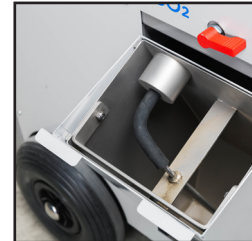
Integrated holding device for hose



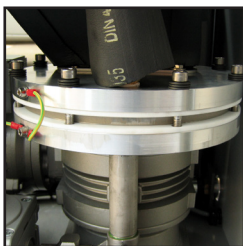
Lightweight and compact



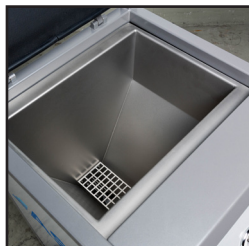
Quick connect coupling at blasting hose



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. 4063848



Pos. 005

Power cable 10 m (32 in)

part no. 4063978

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. 4066290



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

