

# Dry Ice Blasting Unit

## ASCOJET 1701

complete (fully adjustable)

part no. 901023



The ASCOJET 1701 is a compact, mobile dry ice blasting unit featuring a handy one hose system which has been specially developed to maintain efficient cleaning with contaminants which are harder to remove.

This powerful unit is suitable for industrial end users like foundries, tyre manufacturers, food industry and printing industry who require high performance and easy handling.

### 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 new developed safety button is ideal for left and right-hander.

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

### Specifications

Material:

frame, lateral, rear and front housing panels made of aluminium, powdercoated

Dimensions (L × W × H)

930 × 600 × 1'100 mm (36.6 × 23.6 × 43.3 in)

incl. wheels and handle:

approx. 84 kg (185.2 lb)

Weight empty:

approx. 23 kg (50.7 lb)

Content of pellet hopper

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

Blasting pressure:

25-80 kg/h (55.1-176.4 lb/h)(stepless)

Dry ice consumption:

600 W (0.80 HP) nominal

Max. power consumption:

230 V, 50/60 Hz, 1 Ph

Voltage:

(other voltages on request)

Connection:

Input: 1" BSP



## ASCOJET 1701: 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 gun, nozzles and tools



Distributor unit for pulsation-free blasting



Insulated pellet hopper with 23 kg (50.7 lb) capacity



Control panel for easy overview

## Standardly included in the delivery of ASCOJET 1701:

### Blasting gun OHP

Standard for the ASCOJET 1701

Length: 33 cm (12.9 in)

Weight: 1.05 kg (2.32 lb)

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

part no. 4063749



OHP

part no. 4047144



including the corresponding blasting nozzle  
**High performance barrel nozzle 709.23/15**

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 (9 in)

Inner diameter: 9 mm (0.35 in)

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

Standard for the ASCOJET 1701, can also be

used as an extension of the hose assembly

incl. control cable, grounded

part no. 4045987



OHP

## ASCOJET 1701: Options

Pos. 001

### Lighting kit for dry ice blasting gun

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

part no. 4064129



Pos. 002

### Tool case OHP basic

Contains the entire nozzle assortment (excl. gun and standard barrel nozzle, part no. 4047312), fits to OHP gun

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

OHP

part no. 4045870



Pos. 003

### High performance barrel nozzle 709.17/14

Powerful and handy nozzle

Outlet opening: approx. Ø 14 mm (0.54 in)  
Length: 17 cm (6.69 in)  
Inner diameter: 9 mm (0.35 in)

OHP

part no. 4045402



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



Pos. 005

### Flat nozzle 709.23/45

Powerful nozzle suitable for blasting large areas

Outlet opening: approx. 45 x 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



## ASCOJET 1701: Options

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 (10.92 in)  
Inner diameter: 9 mm (0.35 in)

part no. 4047219

OHP



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)

part no. 4047220

OHP



Pos. 009

### Tool case OHP basic empty

Empty tool case with matching insert

part no. 4045873

OHP



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

part no. 4047257

OHP



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

part no. 4047040

OHS



Length: 7.8 cm (3.04 in)

Weight: 0.2 kg (0.44 lb)

## ASCOJET 1701: Options

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)

part no. 4047129



OHS

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 5 m (16.4 ft) ID 16 mm (0.62 in) for

#### OHS gun

Standard for the ASCOJET 1208, can also be used as an extension of the hose assembly

incl. control cable, grounded

part no. 4047104

OHS



Pos. 014

### Tool case OHS/OHP pro

Contains the entire nozzle assortment (excl. gun and standard barrel nozzle, part no. 4047129), fits to OHS and OHP gun

part no. 4045871

OHS



OHP

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

part no. 4047228

OHS



OHP

Outlet opening: approx. Ø 10 mm (0.39 in)

Length: 9 cm (3.54 in)

Inner diameter: 7 mm (0.28 in)

Pos. 016

### Barrel nozzle 707.15/12

part no. 4047321

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

OHS



OHP

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

Length: 15 cm (5.9 in)

Inner diameter: 7 mm (0.28 in)

## ASCOJET 1701: Options

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)

part no. 4047222

OHS  
OHP



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)

part no. 4047223

OHS  
OHP



Pos. 019

### Tool case OHS/OHP pro empty

Empty tool case with matching insert

part no. 4045874

OHS  
OHP



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

part no. 4047265

OHS  
OHP



Pos. 021

### Spare parts kit ASCOJET 1701

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

part no. 4047140



Pos. 022

### 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 1701: Options

Pos. 023

### Claw coupling with 25 mm (1 in) male thread

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

part no. 4045944

