

# Dry Ice Blasting Unit

## ASCOJET 1701

complete (fully adjustable)

part no. 900197



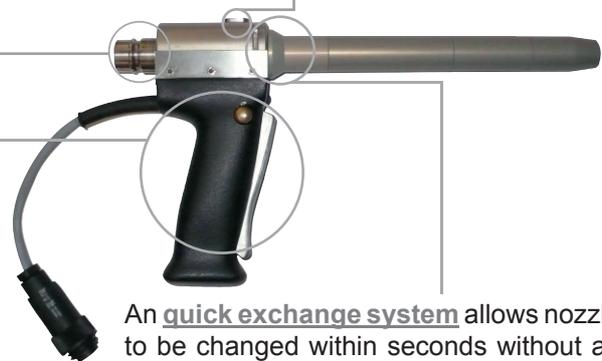
The **ASCOJET 1701** is a compact, mobile dry ice blasting unit featuring a handy one hose system which has been specially developed to maintain efficient cleaning with contaminants which are harder to remove.

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 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.



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 x W x H) incl. wheels and handle:	730 x 700 x 1'060 mm (28.7 x 27.56 x 41.73 in)
Weight empty:	approx. 84 kg (185.2 lbs)
Content of pellet hopper:	approx. 23 kg (50.7 lbs)
Blasting pressure:	0 - 10 bar (0-145 psi) (adjustable)
Dry ice consumption:	25 - 80 kg/hr (55.1 - 176.4 lbs/hr)(stepless)
Max. power consumption:	600 W nominal
Voltage:	230 V, 50/60 Hz, 1 Ph (other voltages on request)
Connection:	Input: 1" BSP



## Special features of ASCOJET 1701:



Powerful and handy blasting gun with quick connect coupling



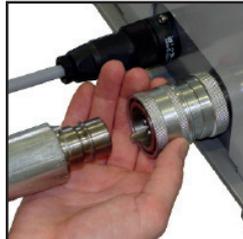
Highly manoeuvrable



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 lbs) capacity



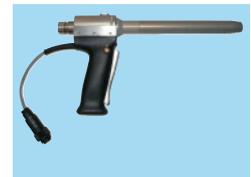
Control panel for easy overview

## Standardly included in the delivery of ASCOJET 1701:

### Blasting gun OHP4

Standard for the ASCOJET 1701  
 Length: 33 cm (12.9 in)  
 Weight: 1.05 kg (2.32 lbs)  
 Blasting pressure: 0 - 10 bar (0-145 psi)

part no. 4047312



OHP

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

Standard for the blasting gun OHP4  
 Most powerful nozzle of the ASCOJET single-hose system  
 Outlet opening: approx. Ø 15 mm (0.59 in)  
 Length: 23 cm (9 in)

part no. 4047144



### Hose assembly 7.5 m (24.6 ft) for OHP4 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

## Options for ASCOJET 1701:

Pos. 001

### Gun light GL13.1

Attachable gun light for cleaning jobs with limited light condition. The 6 built-in LED lights provide optimal illumination onto the object which needs to be cleaned.

Dimensions: Ø 90 × 64 mm (3.54 in x 2.52 in)  
Weight: 0.35 kg (0.77 lbs)

OHP  
OHS  
HP

part no. 907150



Pos. 002

### Adapter to gun light

Enables to use gun light with flat nozzle (part. no. 4047216). Facilitates use with short barrel nozzles.

OHS  
OHP

part no. 4047295



Pos. 003

### 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. 004

### 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)

OHP

part no. 4045402



Pos. 005

### 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)

OHP

part no. 4045403



Pos. 006

### 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)

OHS  
OHP

part no. 4047216



## Options for ASCOJET 1701:

Pos. 007

### 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

Outlet opening: approx.  $\varnothing$  15 mm (0.59 in)  
Length: 42 cm (16.54 in)

OHP



Pos. 008

### Angled nozzle 709.28/11/45°

part no. 4047219

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

Outlet opening: approx.  $\varnothing$  11 mm (0.43 in)  
Length: 28 cm (10.92 in)

OHP



Pos. 009

### Angled nozzle 709.25/11/75°

part no. 4047220

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

Outlet opening: approx.  $\varnothing$  11 mm (0.43 in)  
Length: 25 cm (9.84 in)

OHP



Pos. 0010

### Tool case OHP basic empty

part no. 4045873

Empty tool case with matching insert

OHP



Pos. 011

### Pellet cutter OHP

part no. 4047257

For sensitive blasting applications

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

OHP



## Options for ASCOJET 1701:

Pos. 012

### Blasting gun OHS6

Standard for the ASCOJET 908  
Length: 26 cm (10.24 in)  
Weight: 1.0 kg (2.2 lbs)  
Blasting pressure: 0 - 7 bar (0-101.53 psi)

OHS

part no. 4047129



*including the corresponding blasting nozzle*

### High performance barrel nozzle 708.15/13

Standard for the blasting gun OHS6  
Powerful nozzle with low air consumption  
Outlet opening: approx. Ø 13 mm (0.51 in)  
Length: 15 cm (5.9 in)

part no. 4047025



Pos. 013

### Hose assembly 5 m (16.4 ft) ID 16 mm (0.62 in) for OHS6 gun

Standard for the ASCOJET 908, can also be used as an extension of the hose assembly  
incl. control cable, grounded

OHS

part no. 4047104



Pos. 014

### Converter coupling ASCOJET 1701 - 908

This converter coupling makes it possible that the OHS6 gun with the corresponding blasting hose of the ASCOJET 908 can be connected to the ASCOJET 1701

OHS

part no. 4047040



Length: 7.8 cm (3.04 in)  
Weight: 0.2 kg (0.44 lbs)  
Outlet opening: approx. Ø 34 mm (1.34 in)

Pos. 015

### 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

Consists of 6 nozzles:  
part no. 4047028, 4047228, 4047216, 4047321, 4047222, 4047223

OHS  
OHP

part no. 4045871



Pos. 016

### Barrel nozzle short 708.09/11

Powerful nozzle to clean in narrow places with low air consumption

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

OHS  
OHP

part no. 4047028



## Options for ASCOJET 1701:

Pos. 017

### 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)

OHS  
OHP

part no. 4047228



Pos. 018

### 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)

OHS  
OHP

part no. 4047321



Pos. 019

### 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)

OHS  
OHP

part no. 4047222



Pos. 020

### 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)

OHS  
OHP

part no. 4047223



Pos. 021

### Tool case OHS/OHP pro empty

Empty tool case with matching insert

OHS  
OHP

part no. 4045874



Pos. 022

### Protective sleeve for one hose system 165 mm (6.49 in)

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

Available in metres

OHS  
OHP

part no. 4047265



## Options for ASCOJET 1701:

Pos. 023

### Protective hood for ASCOJET 1701 / 1708 / 2001RX

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. 4061493



Pos. 024

### 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. 025

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

Connecting hose between air compressor and dry ice blasting machine (ASCOJET), 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 lbs)

part no. 4045955



Pos. 026

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

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

part no. 4045944

