

# Dry Ice Blasting Unit

## ASCOJET® 1701

complete (fully adjustable)

part no. 901030



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.



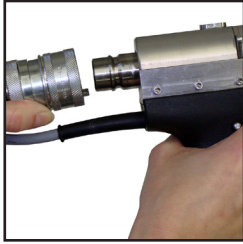
The **ergonomic gun handle** ensures very easy handling and comfortable operation when blasting over longer periods. The new developed safety button is ideal for left and right-hander.

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

### Specifications

Material:	frame and cover sheets made of powder-coated steel
Dimensions (L x W x H) incl. wheels & handle:	752 x 608 x 1'103 mm (30 x 24 x 44 in)
Weight empty:	approx. 104 kg (229 lb)
Content of pellet hopper	approx. 23 kg (51 lb)
Blasting pressure:	0 - 10 bar (0 - 145 psi) (adjustable)
Dry ice consumption:	25 - 80 kg/h (55 - 176 lb/h) (stepless)
Max. power consumption:	600 W (0.80 HP) nominal
Voltage:	120 V, 60 Hz, 1 Ph (other voltages on request)
Inlet hose connection:	3/4" BSP female
	3/4" Claw coupling fitted

## ASCOJET® 1701: Special features



Powerful and handy blasting gun with quick connect coupling



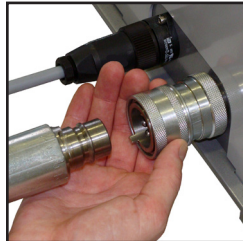
Highly manoeuvrable



Integrated holding device for hose



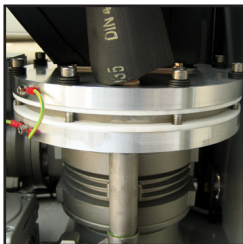
Lightweight and compact



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 lb) capacity



Control panel for easy overview

## ASCOJET® 1701: Standard scope of supply

### Pos. 001

#### Blasting gun OHP

Standard for the ASCOJET® 1701

Length: 33 cm (12.9 in)

Weight: 1.05 kg (2.3 lb)

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

(Blasting gun OHP4 without nozzle part no. 4064749)

including the corresponding blasting nozzle

OHP

part no. 4063749



#### 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 (0.6 in)

Length: 23 cm (9 in)

Inner diameter: 9 mm (0.4 in)

part no. 4047144



### Pos. 002

#### Hose assembly 7.5 m (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.

OHP

part no. 4045987



## ASCOJET® 1701: Standard scope of supply

### Pos. 002

#### 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. 003

#### Power cable 10 m (32 in)

part no. 4063978

## ASCO 1701 tool case: Scope of supply

### Pos. 001

#### Tool case ASCOJET® 1701 / 1708

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

OHP

part no. 4064572



### Pos. 002

#### Tool case ASCOJET® 1701 / 1708 empty

Empty tool case with matching insert

OHP

part no. 4064575



### Pos. 003

#### High performance barrel nozzle 709.17/14

Powerful and handy nozzle

Outlet opening: approx. Ø 14 mm (0.5 in)

Length: 17 cm (6.7 in)

Inner diameter: 9 mm (0.4 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 (0.4 in)

Length: 9 cm (3.5 in)

Inner diameter: 9 mm (0.4 in)

OHP

part no. 4045403



## ASCO 1701 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

Outlet opening: approx. Ø 15 mm (0.6 in)

Length: 42 cm (16.5 in)

Inner diameter: 9 mm (0.4 in)

OHP



### Pos. 006

#### Angled nozzle 708.28/10/45°

part no. 4047222

A powerful nozzle for confined spaces with low air consumption

Outlet opening: approx. Ø 10 mm (0.4 in)

Length: 28 cm (11 in)

Inner diameter: 8 mm (0.3 in)

OHS  
OHP



### Pos. 007

#### Flat nozzle 709.23/45

Part no. 4047216

Powerful nozzle suitable for blasting large areas

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

Length: 23 cm (9 in)

Inner diameter: 9 mm (0.4 in)

OHS  
OHP



### Pos. 008

#### Lighting kit for dry ice blasting gun

part no. 4047129

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® 1701: Options

### Pos. 001

#### Angled nozzle 709.28/11/45°

part no. 4047219

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

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

Length: 28 cm (10.9 in)

Inner diameter: 9 mm (0.4 in)

OHP



### Pos. 002

#### Angled nozzle 709.25/11/75°

part no. 4047220

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



## ASCOJET® 1701: Options

Pos. 003

### 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. 004

### 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

OHS

part no. 4047040



Length: 7.8 cm (3.0 in)

Weight: 0.2 kg (0.4 lb)

Outlet opening: approx. Ø 34 mm (1.3 in)

Pos. 005

### 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)

OHS

part no. 4063745



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 (5.9 in)

Inner diameter: 7 mm (0.3 in)

part no. 4047321



Pos. 009

### 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. 007

### 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

OHS  
OHP

part no. 4046018



Weight in full length: 1.50 kg (3.3 lb)

Inner diameter: 10 mm (0.4 in)

Material: aluminium

## ASCOJET® 1701: Options

Pos. 008

### 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. 009

### Barrel nozzle 707.15/12

Thanks to an inner diameter of only 7 mm (0.3 in) the barrel nozzle has a very economical air consumption but is nevertheless powerful

Outlet opening: approx. Ø 12 mm (0.5 in)

Length: 15 cm (6 in)

Inner diameter: 7 mm (0.3 in)

OHS  
OHP

part no. 4047321



Pos. 010

### 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. 011

### 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. 012

### Spare parts kit ASCOJET® 1701

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

part no. 4066288



Sample image

Pos. 013

### 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



## ASCOJET® 1701: Options

### Pos. 014

#### **Protective sleeve one hose sys. 165 mm (6.5in)**

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

Available per meter

**part no. 4047265**



### Pos. 015

#### **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**

