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.

Specifications

Material: frame and cover sheets made of powder-coated steel
Dimensions (L × W × H) incl. wheels and handle: 752 x 608 x 1'103mm (30 x 24 x 44 in)
Weight empty: approx. 84 kg (185.2 lb)
Content of pellet hopper: approx. 23 kg (50.7 lb)
Blasting pressure: 0 - 10 bar (0 - 145 psi) (adjustable)
Dry ice consumption: 25 - 80 kg/h (55.1 - 176.4 lb/h) (stepless)
Max. power consumption: 600 W (0.80 HP) nominal
Voltage: 110 V, 60 Hz, 1 Ph
(Other voltages on request)
Connection: Input: 3/4" BSP, claw coupling Chicago

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.
ASCOJET 1701: Special features

- Powerful and handy blasting gun with quick connect coupling
- Highly manoeuvrable
- Integrated grounding roll for more safety
- 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)

  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 7.5 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
## ASCOJET 1701: Options

<table>
<thead>
<tr>
<th>Pos.</th>
<th>Description</th>
<th>Part No.</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>Lighting kit for dry ice blasting gun</td>
<td>OHP, OHS, HP</td>
<td><img src="image" alt="Lighting kit" /></td>
</tr>
<tr>
<td></td>
<td>Compact torch</td>
<td>OHP</td>
<td><img src="image" alt="Compact torch" /></td>
</tr>
<tr>
<td></td>
<td>LED light: 160 lumen, 160 cm (63 in)</td>
<td>OHP</td>
<td><img src="image" alt="LED light" /></td>
</tr>
<tr>
<td></td>
<td>Up to 25 hours battery life</td>
<td>OHP</td>
<td><img src="image" alt="Battery life" /></td>
</tr>
<tr>
<td></td>
<td>Length: 10.6 cm (4.2 in)</td>
<td>OHP</td>
<td><img src="image" alt="Length" /></td>
</tr>
<tr>
<td></td>
<td>Weight: 120 g (0.35 lb)</td>
<td>OHP</td>
<td><img src="image" alt="Weight" /></td>
</tr>
<tr>
<td>002</td>
<td>Tool case OHP basic</td>
<td>OHP</td>
<td><img src="image" alt="Tool case" /></td>
</tr>
<tr>
<td></td>
<td>Contains the entire nozzle assortment (excl. gun and standard barrel nozzle, part no. 4047312), fits to OHP gun</td>
<td>OHP</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Consists of 6 nozzles: part no. 4045402, 4045403, 4047216, 4047141, 4047219, 4047220</td>
<td>OHP</td>
<td></td>
</tr>
<tr>
<td>003</td>
<td>High performance barrel nozzle 709.17/14</td>
<td>OHP</td>
<td><img src="image" alt="High performance nozzle" /></td>
</tr>
<tr>
<td></td>
<td>Powerful and handy nozzle</td>
<td>OHP</td>
<td><img src="image" alt="Handy nozzle" /></td>
</tr>
<tr>
<td></td>
<td>Outlet opening: approx. Ø 14 mm (0.54 in)</td>
<td>OHP</td>
<td><img src="image" alt="Outlet opening" /></td>
</tr>
<tr>
<td></td>
<td>Length: 17 cm (6.69 in)</td>
<td>OHP</td>
<td><img src="image" alt="Length" /></td>
</tr>
<tr>
<td></td>
<td>Inner diameter: 9 mm (0.35 in)</td>
<td>OHP</td>
<td><img src="image" alt="Inner diameter" /></td>
</tr>
<tr>
<td>004</td>
<td>Barrel nozzle short 709.09/11</td>
<td>OHP</td>
<td><img src="image" alt="Short nozzle" /></td>
</tr>
<tr>
<td></td>
<td>Powerful nozzle to clean in narrow spaces</td>
<td>OHP</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Outlet opening: approx. Ø 11 mm (0.43 in)</td>
<td>OHP</td>
<td><img src="image" alt="Outlet opening" /></td>
</tr>
<tr>
<td></td>
<td>Length: 9 cm (3.54 in)</td>
<td>OHP</td>
<td><img src="image" alt="Length" /></td>
</tr>
<tr>
<td></td>
<td>Inner diameter: 9 mm (0.35 in)</td>
<td>OHP</td>
<td><img src="image" alt="Inner diameter" /></td>
</tr>
<tr>
<td>005</td>
<td>Flat nozzle 709.23/45</td>
<td>OHS, OHP, OHP</td>
<td><img src="image" alt="Flat nozzle" /></td>
</tr>
<tr>
<td></td>
<td>Powerful nozzle suitable for blasting large areas</td>
<td>OHS, OHP</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Outlet opening: approx. 45 x 3.5 mm (1.77 x 0.14 in)</td>
<td>OHP</td>
<td><img src="image" alt="Outlet opening" /></td>
</tr>
<tr>
<td></td>
<td>Length: 23 cm (8.97 in)</td>
<td>OHP</td>
<td><img src="image" alt="Length" /></td>
</tr>
<tr>
<td></td>
<td>Inner diameter: 9 mm (0.35 in)</td>
<td>OHP</td>
<td><img src="image" alt="Inner diameter" /></td>
</tr>
<tr>
<td>006</td>
<td>Barrel nozzle special 709.42/15</td>
<td>OHP</td>
<td><img src="image" alt="Special nozzle" /></td>
</tr>
<tr>
<td></td>
<td>The nozzle is designed to allow for a comfortable working position of the person in charge and is very powerful</td>
<td>OHP</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Outlet opening: approx. Ø 15 mm (0.59 in)</td>
<td>OHP</td>
<td><img src="image" alt="Outlet opening" /></td>
</tr>
<tr>
<td></td>
<td>Length: 42 cm (16.54 in)</td>
<td>OHP</td>
<td><img src="image" alt="Length" /></td>
</tr>
<tr>
<td></td>
<td>Inner diameter: 9 mm (0.35 in)</td>
<td>OHP</td>
<td><img src="image" alt="Inner diameter" /></td>
</tr>
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## ASCOJET 1701: Options

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<th>Position</th>
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</table>
| 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) | OHP 4047219 |
| 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) | OHP 4047220 |
| 009      | Tool case OHP basic empty  
Empty tool case with matching insert | OHP 4045873 |
| 010      | Pellet cutter OHP  
For sensitive blasting applications  
With safety quick connect coupling, 2.5 m (8.2 ft) hose and control cable, grounded | OHP 4047257 |
| 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  
Length: 7.8 cm (3.04 in)  
Weight: 0.2 kg (0.44 lb)  
Outlet opening: approx. Ø 34 mm (1.34 in) | OHS 4047040 |
### 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)

**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)

#### 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

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

#### 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
- 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**

- 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)
- Inner diameter: 7 mm (0.28 in)
## ASCOJET 1701: Options

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<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>017</td>
<td>Angled nozzle 708.28/10/45°&lt;br&gt;A powerful nozzle for confined spaces with low air consumption&lt;br&gt;Outlet opening: approx. Ø 10 mm (0.39 in)&lt;br&gt;Length: 28 cm (10.97 in)&lt;br&gt;Inner diameter: 8 mm (0.31 in)</td>
<td>4047222</td>
</tr>
<tr>
<td>018</td>
<td>Angled nozzle 708.25/10/75°&lt;br&gt;A powerful nozzle for confined spaces with low air consumption&lt;br&gt;Outlet opening: approx. Ø 10 mm (0.39 in)&lt;br&gt;Length: 25 cm (9.84 in)&lt;br&gt;Inner diameter: 8 mm (0.31 in)</td>
<td>4047223</td>
</tr>
<tr>
<td>019</td>
<td>Tool case OHS/OHP pro empty&lt;br&gt;Empty tool case with matching insert</td>
<td>4045874</td>
</tr>
<tr>
<td>020</td>
<td>Protective sleeve for one hose system 165 mm (6.5 in)&lt;br&gt;To protect the control cable and blasting hose from dirt and damages&lt;br&gt;Available in meters</td>
<td>4047265</td>
</tr>
<tr>
<td>021</td>
<td>Spare parts kit ASCOJET 1701&lt;br&gt;Spare parts kit containing the most important spare parts to ensure quick reaction for continuous operation</td>
<td>4047140</td>
</tr>
<tr>
<td>022</td>
<td>Compressed air hose 7.5 m (24.6 ft) / ID 25 mm (1 in)&lt;br&gt;Connecting hose between air compressor and dry ice blasting machine, incl. claw coupling and safety ring for fast and easy connection / disconnection&lt;br&gt;Material: Fabric hose / metal&lt;br&gt;Dimension: 7.5 m (24.6 ft)&lt;br&gt;Weight: 2.4 kg (5.29 lb)</td>
<td>4045955</td>
</tr>
</tbody>
</table>
**ASCOJET 1701: Options**

**Pos. 023**

**Protective hood for ASCOJET 1701/1708/2008**

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