

# The JOG, pneumatic device

for the forced opening of apertures.



**Opening from 1 mn !\***

**Secure:** The JOG protects the fire fighter from flashovers and generalised flames

**Fast:** The JOG enables the opening of all types of apertures, with minimum effort and maximum efficiency. Even armoured apertures can be opened in a few seconds including the positioning of the JOG.

#### **Secure**

This pneumatically actuated forced opening system, operated at distance which allows the user to stay 5 meters away from the opening area, securing him from a possible explosion (flashover or generalised flames).

#### **Easy to handle**

Light, less than 16,5 kg.

#### **Robust construction**

Titanium body with a fire protected flexible extension lead for a secure remote control.

#### **Autonomous**

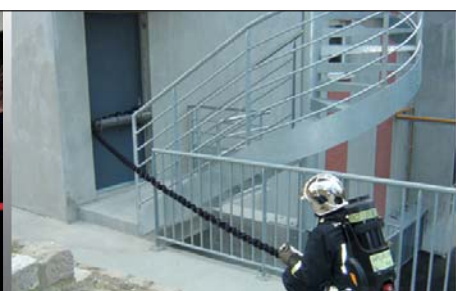
The JOG can be connected to a BA bottle (breathing apparatus bottle) with the pressure reducing valve pre-set at 7 bar. It can also be connected to a 2-liters bottle at 200 bar with the pressure reducing valve pre-set at 15 bar. For apertures wider than 105 cm, a lateral extension can be fixed by a simple clip.

\* For BP1/class 3 doors.

Can be used on each type of armoured doors until BP3/class 5.



Positioning in less than 10 seconds



5 meters secure remote control



Armoured doors BP3/class 5

**U 919.1.PSI →**

Product Short Information



**Lateral cylinder**  
Force 1,5 ton  
Stroke from 73 to 106 cm

**Press cylinder**  
Force: 4,5 tons  
Stroke: 120 mm

Close up of activating system -  
Lateral cylinder/ press cylinder

**Technical characteristics:**

Designation	Performance
Opening time	About 1 minute, including positioning
Aperture dimensions	From 63 to 105 cm, and to 140 cm with extension
Press force	1,5 ton laterally and 4,5 tons press
Power supply	7 bar with the BA Bottle or 15 bar with the dedicated bottle
Delivered accessories	Extension, 2-liters bottle at 200 bar, (Y) lead, transport bag
Weight	22,5 kg total weight 16,5 kg ready to operate

**The JOG and its accessories:**



31 cm extension



Transport bag



2-liters air bottle at 200 bar.  
Pressure reducing valve  
pre-set at 15 bar and extension lead



**Performance**

- The press cylinder has a pushing force of 4,5 tons, and can open an armoured door in a few seconds.
- The fast depressurisation command allows the JOG to be immediately operational for another opening.
- 2-liters bottle at 200 bar, allows 11 successive operations.



**Operation in 6 steps**

- Deconditioning
- Connecting
- Position the JOG horizontally, slightly tilted, expand the JOG until contact is made with the edges of the opening
- Activate the lateral Cylinder
- Step away
- Actuate the press cylinder with the remote control.

Only 45 seconds to complete these 6 steps !



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