

# The JOG, pneumatic device



for the forced opening of apertures

**Fast:** The JOG enables the opening of all types of apertures, with minimum effort and maximum efficiency.



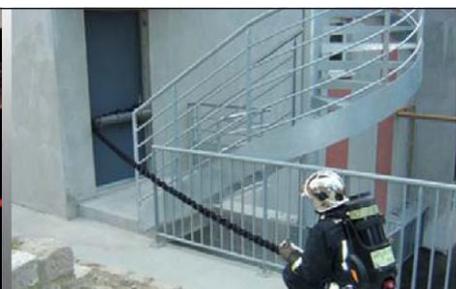
**Secure:** The JOG protects the fire fighter from flashovers and generalised flames  
Even armoured apertures can be opened in a few seconds including the positioning of the JOG.

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

**Easy to handle**  
Light, less than 30 lb.

**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 100 PSI. It can also be connected to a 0.26 Gal US bottle at 4.350 PSI with the pressure reducing valve pre-set at 210 PSI. For apertures wider than 41 in, a lateral extension can be fixed by a simple clip.



**U 919.1.PSI →**

**Product Short Information**

Easy positioning

Secure remote control

Armoured door, opened in 45s...



**Lateral cylinder**  
Force 3.300 lb  
stroke from 28.5 in to 41 in

Close up of activating system -  
Lateral cylinder/ press cylinder

**Press cylinder**  
Force: 9.830 lb stroke: 4,7 in

**Technical characteristics:**

Designation	Performance
Opening time	About 45s, including positioning
Aperture dimensions	From 23 in to 41 in, and to 53 in with extension
Press force	3.300 lb laterally and 9.830lb press
Power supply	100 PSI with the BA Bottle $\varnothing$ 210 PSI with the 0.26 Gal US bottle
Delivered accessories	Extension, 0.26 Gal US bottle at 4.350 PSI, (Y) lead, transport bag
Weight	30 lb ready to operate

**The JOG and its accessories:**



14 in extension  
Opening of double doors



Transport bag



Air bottle at 4.350 PSI- pressure reducing valve pre-set at 210 PSI and extension lead



**Performance**

- The press cylinder has a pushing force of 9.830 lb, and can open an armoured door in a few seconds.
- The fast depressurisation command allows the JOG to be immediately operational for another opening.
- 0.26 Gal US bottle at 4.350 PSI, allows 6 successive operations.



**Operation in 4 steps**

- 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 4 steps !

