

DATA SHEET

PAG 3000 Pneumatically Actuated Gun

Up to 3,000 bar (43,500 psi)

CALDER

PAG3000

Overall Length (approx)	1,350 mm (53 1/8")
Overall Width (approx)	80 mm (3 1/8")
Overall Height (approx)	230mm (9 1/16")

Alternative barrel lengths available.

Introduction:

Designed for users of self-rotating surface preparation and single jet nozzles up to 3,000 bar, in combination with tumble box pressure control systems. PAG 3000 offers the user the lowest operating vibration levels; unique vibration mounts are incorporated within the gun to isolate harmful waterjet nozzle vibration from the operator. Vibration levels below the current UK Health & Safety Executive (HSE) recommended hand arm vibration (HAV) daily exposure action levels of 2.5 m/s² are achieved.

Our pneumatic twin-trigger design requires that the operator must activate both triggers in order to send an air signal to open the tumble box valve and send high pressure water to the gun. When either trigger is released, the gun will vent the air supply and the tumble box will close, depressurising the gun.

Features:

- Twin safety trigger for maximum operator safety.
 - Vibration-reducing hand-grip design.
 - Adjustable front handle position.
 - Adjustable shoulder-stock.
 - Easy to maintain air valve assemblies.
 - No HP seals within the gun design, eliminating leak points for increased operator safety levels.

Technical Information:

Maximum Operating Pressure	3,000 bar (43,500 psi)
Maximum Permissible Flowrate	26 lpm (6.8 USgpm)
Weight	4kg (8.8 lbs)
Operating Air Pressure	Minimum 3 bar (43.5 psi) Maximum 7 bar (101 psi)
Nozzle Connection	M14 x 1.5 LH Male or 9/16" UNF Male
Inlet Connection	M30 x 2 Female or 1/18" UNF Female

Replacement parts are available individually for future onsite repairs.

Please contact Calder Ltd for pricing and availability.
Tel: +44 (0) 1905 759090



High pressure barrel vibration mounting.



Front secondary adjustable trigger assembly.



Adjustable shoulder stock.

HP water connection.

Pneumatic pilot return to tumble box connection.

Pneumatic control air feed. Connect from tumble box.

Use in conjunction with...



Rear Primary trigger handle with integrated vibration mounting.

INNOVATION THROUGH EXPERIENCE

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Calder Ltd reserve the right to alter specifications and data to incorporate improvements in design.