



CATALOGUE #1

**PORTABLE SUCTION BLAST TOOLS
FOR SMALL APPLICATIONS**

Suction Feed Blasting Gun SFG

The Contracor SFG Gun is a suction blast tool ideally suited to small jobs or locations with limited air supplies. Thanks to its light weight and compact dimensions, the Contracor SFG Gun can be used in places where erecting a conventional pressure blast machine would be awkward or inconvenient.

The SFG Gun can be used with all common blast media, to clean or etch metal, glass, stone or other hardwearing surfaces. To operate the SFG Gun, just connect it to a compressed air source, and plunge the suction lance into the blast media, or alternatively, fill blast media into the portable container.

To commence blasting, simply depress the lever on the SFG Gun. The tool operates according to Bernoulli's principle, where a low-pressure area is created by the compressed air rushing past the abrasive-injection point, where the abrasive hose is connected to the gun. This low-pressure area draws abrasive into the airstream, where mixing takes place.

Standard delivery SFG Set



1

3

2

1. SFG Gun.

Suction Feed Blasting Gun with ceramic nozzle 8mm and air jet 4mm, suction lance, 3 m transparent suction hose, hose clamps.

2. Container.

Portable container.

3. Air hose.

Air hose 3m, SKG-13 air hose coupling, hose clamps.

Design features



Lightweight, portable and easily transportable tool



Suitable for use with all media containers, or even straight out of the bag



Optionally with a transportable container for blast media



Simple work principle



Easy to use and maintain

Technical data

Air hose I.D.:	1/2"
Suction hose I.D.:	1/2"
Blast nozzle I.D.:	8 mm
Air jet I.D.:	4 mm
Compressed air requirement:	0,2 - 1,2 m ³ /min
Blast capacity:	0,5 - 2,5 m ³ /hr
Max. working pressure:	10 bar
Weight:	14,5 kg (in box)



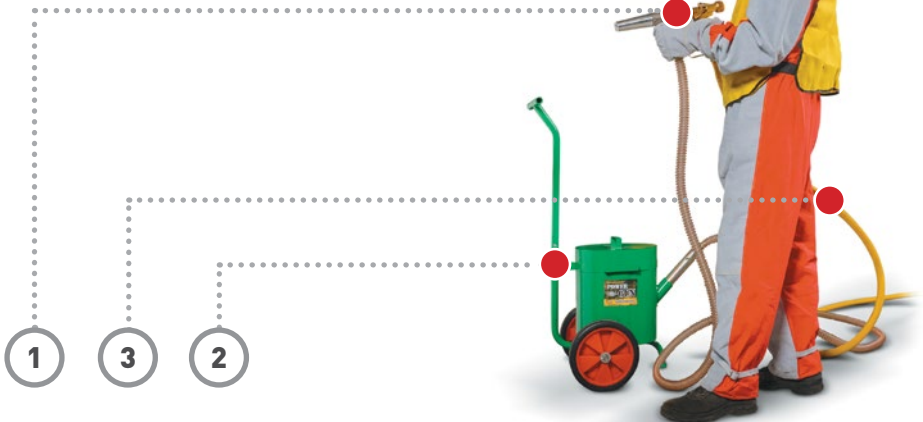
Order code	Model	Description
10115120	SFG Gun	Suction Feed Blasting Gun with ceramic nozzle 8mm and air jet 4mm, suction lance, 3 m transparent suction hose, hose clamps
10115000	SFG Set	SFG Gun, portable container, air hose 3m, SKG-13 air hose coupling, hose clamps
10115100		Spare part - Suction Feed Blasting Gun with ceramic nozzle 8mm and air jet 4mm (without suction lance, suction- and air hose, portable container)

Portable suction blast tool POWER GUN / POWER SET

The Contracor Power Gun is a suction blast tool ideally suited to small jobs or locations with limited air supplies. Thanks to its light weight and compact dimensions, the Contracor Power Gun can be used in places where erecting a conventional pressure blast machine would be awkward or inconvenient.

The Power Gun can be used with all common blast media, to clean or etch metal, glass, stone or other hardwearing surfaces. To operate the Power Gun, just connect it to a compressed air source, and submerge the suction lance to which the abrasive hose is connected partially into a container of blast media. To commence blasting, simply depress the lever on the Power Gun. The tool operates according to Bernoulli's principle, where a low-pressure area is created by the compressed air rushing past the abrasive-injection point, where the abrasive hose is connected to the gun. This low-pressure area draws abrasive into the airstream, where mixing takes place. The air-abrasive mix is then exhausted out of the gun and strikes the blasting surface. Standard delivery: Power Gun (Suction lance and 5m suction hose with hose clamps.); Power Set (Power Gun, AirFlex-19 air hose 5m, SKG-19 air hose coupling, clamp).

Standard delivery POWER SET



1. POWER GUN.

Portable suction type blast tool. Complete package incl. suction lance and 5m suction hose.

2. Container.

Portable container.

3. Air hose.

AirFlex-19 air hose 5m, SKG-19 air hose coupling, clamp.

Design features



Lightweight,
portable and easily
transportable tool



Suitable for use with
all media containers,
or even straight out
of the bag



Simple work
principle



Easy to use and
maintain

Technical data

Air hose I.D.:	19mm (3/4")
Suction hose I.D.:	25mm (1")
Blast nozzle I.D.:	12.5mm (1/2")
Air jet I.D.:	6.4mm (1/4")
Max. working pressure:	10 bar
Weight:	8 kg (in box)



Order code	Model	Description
10112900	Power Gun	Portable suction type blast tool. Complete package incl. suction lance and 5m suction hose.
10112930	Power Set	Portable Suction Blast Tool with blast media container and 5m air hose.

Closed circuit blast tool EDUCT-O-MATIC

The Educt-O-Matic is the compact hand-portable closed-circuit blast tool, which can be transported everywhere and required just 2.5 m³/min of air at 6 bar. Blasting and media recovery are controlled just with one trigger. Media recovery is initiated by slightly pulling the trigger, while pulling the trigger fully starts the suction blast system.

Abrasive is stored in a compact conical hopper from where it is metered into the blast apparatus. Abrasive is drawn into the mixing chamber of the Educt-O-Matic by the high speed airstream, where it is mixed with air, and is then propelled out of the nozzle. The blast head is adjustable and swivels to allow blasting at any angle. Abrasive and dust are captured in the rubber attachment. Reusable abrasive is drawn back to the hopper, whereas broken abrasive and dust are directed to the dust bag. An area about 30mm wide can easily be cleaned with an Educt-O-Matic. When finished with blasting, just release the trigger to half-way for two to three seconds, and the vacuum recovers the remaining dust and abrasive. Vacuuming is stopped by fully releasing the trigger. The Educt-O-Matic works best with steel or iron grit. Dust and broken abrasive are captured in a simple cotton bag.

Standard delivery POWER SET



1. EDUCT-O-MATIC.

2. 6 attachments.

3. Dust bag.

Technical data

Compressed air requirement:	2.5 m ³ /min
Blast media:	Corundum grain size max. 0.8 mm, Steel grit grain size max. 0.3 mm
Working pressure, max:	7 bar
Compressed air connection:	Claw coupling, recommended hose size 3/4"



Order code	Model	Description
10112800	Educt-O-Matic	Hand-portable closed-circuit blast tool. Complete package incl. 6 attachments and dust bag

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