

BLAST EQUIPMENT



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BLAST EQUIPMENT

Blast machines



Thanks to its easiness of handling and using, the Abro-Jet blast machine is adapted to the cleaning of any type of materials (iron, aluminium, glass, wood, stone...).

The light and performing gun has a nozzle made in tungsten carbide.

The stainless steel abrasive chamber allows a long life and a higher resistance to your machine.

- Blasting gun
 - Blasting by depression
 - Light gun
 - Steel inside protection
 - High-performance nozzle in tungsten carbide
 - Diameters of the nozzle available : 4, 6, 8, 10
 - Air consumption : 20 to 60 m³/h
 - Pressure : 4,5 bars
 - Compressor needed : 3 to 6 kW
- **ABRO-JET 1** : Portable stainless steel blast machine
- **ABRO-JET 2** : Stainless steel blast machine with wheels is supplied with :
 - Riddle
 - Moisture separator
 - Cover
 - Helmet air filter
 - Air regulator



The ABRO-JET machines are supplied with the complete equipment of the blast man.



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These blast machines offer these unique features :

- Construction heavy gauge constructed pressure vessel fabrication tested to 13 bar (190 psi) with a working pressure of 10 bar (150 psi). All machines supplied with full international test certification.
- Piping : on all machines 1-¼" (except the 1028 with ½")
- Pop-up valve : heavy duty to give quick response to pressurisation
- Concave head and conical bottom allow ease of flow of all types of abrasive
- Inspection door quick release for ease of inspection and servicing
- Metering valves full range including flat expendable grit valve (FSV), steel grit valve (SGV) with replaceable liner
- Mobility all machines mounted on large rugged wheels for easy manoeuvrability on site
- Sieves and covers rugged, well designed with handles and optional bag splitter

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BLAST MACHINES - MANUAL SINGLE CHAMBER

Reference	Model	Description
10010	ABSC-1028	Blast machine with AP-7 : 17 liter capacity
10013	ABSC-1028	Blast machine with GVA-12 : 17 liter capacity
10030	ABSC-1440	Blast machine with FSV: 60 liter capacity
10040	ABSC-1440	Blast machine with SGV : 60 liter capacity
10050	ABSC-1648	Blast machine with FSV : 100 liter capacity
10060	ABSC-1648	Blast machine with SGV : 100 liter capacity
10070	ABSC-2048	Blast machine with FSV : 140 liter capacity
10080	ABSC-2048	Blast machine with SGV : 140 liter capacity
10090	ABSC-2452	Blast machine with FSV : 200 liter capacity
10100	ABSC-2452	Blast machine with SGV : 200 liter capacity
10110	ABSC-2460	Blast machine with FSV : 300 liter capacity
10120	ABSC-2460	Blast machine with SGV : 300 liter capacity

Each machine includes :

- 1 1/4 " piping (except 1028 - 1/2" piping),
- All basic items the machine needs for a manual blasting operation.

ABSC-serie blasting machines are mobile on 2 wheels and 1 leg. On special order also available as stationary units.

FSV : Flat Sand Valve 1 1/4"

SGV : Steel Grit Valve with rubber sleeve 1" (1 1/4" also available)

AP-7 : Abrasive valve 1/2"

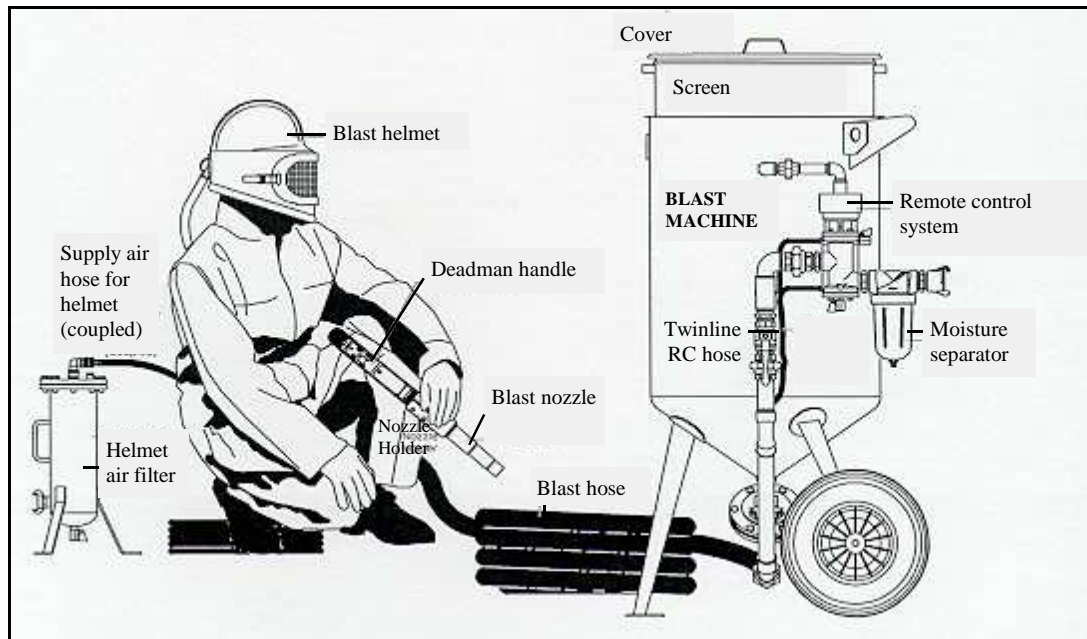
GVA-12 : Abrasive membrane valve 1/2"

BLAST MACHINES - MANUAL DOUBLE CHAMBER

Reference	Model	Description
10170	ABDC-2460/1	Blast machine with FSV and 1 outlet : 300 liter capacity
10180	ABDC-2460/2	Blast machine with FSV and 2 outlets : 300 liter capacity
10210	ABDC-2460/1	Blast machine with SGV and 1 outlet : 300 liter capacity
10220	ABDC-2460/1	Blast machine with SGV and 2 outlets : 300 liter capacity

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Blast machines - complete kits



Reference	Model	Description
10019	System 3	Model ABSC-1028 - 17 liter blast machine
10039	System 4	Model ABSC-1440 - 60 liter blast machine
10059	System 5	Model ABSC-1648 - 100 liter blast machine
10079	System 6	Model ABSC-2048 - 140 liter blast machine
10099	System 7	Model ABSC-2452 - 200 liter blast machine

The system-3 includes :

Blast machine ABSC-1028 (17 liters)
 Remote control system ARC-50-H
 Moisture separator Clearline-1/2"
 Screen
 Cover
 5-meter remote control hose
 5-meter blast hose 13 x 7 (1/2") with nozzle holder and coupling
 Tungsten-carbide lined AT-5 nozzle
 41P2 helmet air filter,
 5-meter helmet air hose
 PANORAMA-I blast helmet with 25 spare outer lenses
 Leather/cotton overall size 56 and a pair of leather blasting gloves

The systems 4, 5, 6 and 7 include :

Blast machine fitted with remote control system RCV-125
 FSV abrasive valve
 Moisture separator Clearline-1/2"
 Screen
 Cover
 20-meter remote control hose
 20-meter heavy duty blast hose 32 x 8 (1 1/4") with nozzle holder NNH-48 and coupling CQT-2
 High production venturi tungsten-carbide lined blast nozzle ATSDX-6/50
 41P2 helmet air filter
 20-meter helmet air hose
 PANORAMA-I blast helmet with 50 spare outer lenses
 Leather/cotton overall size 56 and a pair of leather blasting gloves

BLAST EQUIPMENT

Bulk blasters



Reference	Model	Description
15800	Model 120	120 cu.ft. Bulk Blaster - 3 400 liter capacity
15801	Model 160	160 cu.ft. Bulk Blaster - 4 500 liter capacity

Each machine includes :

- 125 psi (8,6 bar) rated vessel with four outlet capability
- Full load lifting eyes
- 4" bottom drain and inlet manifold
- Two complete 1½" Thompson valve outlets with urethane sleeve
- Pneumatic or electric remote controls (specify voltage and current)
- 110' (30m) twin line control hose or electrical control cord
- 25' (7,5m) power cord
- Deadman control and manual blowdown
- 1½" internal piping for pressure and vent

All other sizes, configurations and types of tanks available on request

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Blast nozzles, holders, hoses, couplings and hypodermic needle gauge



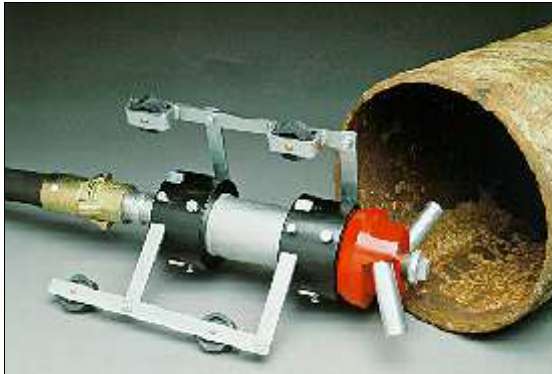
The documentations of the products shown on this page are available on request.

In the documentation of each item are included the exploded view, the description and the dimensions available.



BLAST EQUIPMENT

Internal pipe cleaning and coating equipment



The cleaning action leaves the surface free from dust, abrasive and contaminants ready for the application of the required paint coating system. This range of pipe cleaning tools make cleaning of both new and existing pipe installations a one man operation with complete 360 degree coverage and thus doing away with the need to rotate the pipe. The operator manually withdraws the machine through the length of the pipe at the required speed to create the standard of blast required in the cleaning and painting specification.

A comprehensive range of nozzles and centering devices to suit all combinations of pipe sizes as per the table are available.



Abrasives with the grain size of 0.75 mm up to 1.00 mm are ideally suited for the equipment. The use of aluminium-oxide and sand will cause excessive wear and are not recommended.

Pipe diameter mm	Tool	Tool range mm	Centering Device	Required nozzle	Air consumption	
					cfm	m ³ /min
35 - 60 (1 3/8" - 2 3/8")	CB - 0	35 - 60 (1 3/8" - 2 3/8")	-	-	400	11.3
51 - 305 (2" - 12")	CB - 1	51-76 (2" - 3")	-	AHBN - 8	225	6.4
	CB - 2	76 - 127 (3" - 5")	-	AHBN - 10	400	11.3
	CB - 1 CB - 2	76 - 127 (3" - 5")	CBC - 1 CBC - 1	AHBN - 8 AHBN - 10	225 400	6.4 11.3
203 - 915 (8" - 36")	CB - 2	127 - 305 (5" - 12")	CBC - 2	AHBN - 10	400	11.3
	SB - 636 - A	203 - 254 (8" - 10")	SPB - 19 USE 120 mm LEGS	2 x ASB - 13 2 x ASB - 14 2 x ASB - 16	200 300 450	5.7 8.5 12.8
		254 - 560 (11" - 22")	SPB - 19 USE 190 mm LEGS	2 x ASB - 15	300	8.5
560 - 915 (23" - 36")		SPB - 19 USE 290 mm LEGS	2 x ASB - 17	450	12.8	

The Pipecoater-I and II are designed to coat the inside of the pipes and tubes quickly and evenly without the need to rotate the item. Both machines comfortably handle most long life heavy duty protective paint coating systems. Either unit simply couples to a suitable airless paint spray machine of minimum 45 : 1 ratio.

In operation a rotating head, powered by an airmotor throws paint by centrifugal force at an evenly metered flow against the surface. Pipecoater is manually pulled through the pipe at a pre-determined speed based on paint film thickness and type of coating.



Pipecoater-I covers internal diameter sizes from 4" to 7" (90/180 mm) internals.

Pipecoater-II handles 7" to 38" (180/950 mm) internals.

Pipecoater-III is an economy model for pipes in the range of 3" to 28" (75/700 mm).

Internal pipe cleaning problems are quickly and easily solved with the range of pipe cleaning tools. These are designed to blastclean the interior of pipes and tubes removing millscale, rust, carbon and paint coatings.

