

Enviraclean

FINISHING SYSTEMS

Advanced Surface Preparation & Finishing Systems

Contractor Blast Machines

The Contractor blast machine is one of the most technically advanced blast machines on the market, offering unrivalled performance.



1) Heavy duty contoured handles and low center of gravity allows easy movement, minimising manpower required to move equipment and improving safety.



2) The handles also protect all vital ancillary equipment, particularly in transit, thus reducing the risk of damage.



3) The hard wearing urethane automatic pressure sealing pop-up valve, with external sleeve, gives greater reliability, quicker response times and reduced replacement costs.



4) Thicker gauge shell construction, fabricated and tested in accordance with ASME XIII Div I, giving long life and peace of mind.

Low level, in line air flow arrangement minimises pressure drop, eliminates premature wear and encourages the correct routing of hoses, improving efficiency and lowering maintenance costs.



5) Enlarged 9" x 6 1/2" inspection cover for easy access reducing downtime.

The Hodge Clemco Contractor also features as standard the 'Recova' remote control system for the fastest stop/start at the nozzle to eliminate accidents and save abrasive.

Contractor Blast Machines

The Contractor blast machine has become the industry standard for performance, mobility, safety and quality of construction. These high performance machines include many unique features:

- Roll bar handles protecting operator and valve work
- Low centre of gravity for easy movement
- Large bore pipework for efficient air flow
- Large access plate for easy maintenance

Available in 4 sizes with a choice of metering valve to suit all abrasives and applications



Expendable Abrasive Capacity of Machines				
Model	Overall Dimensions H x W x D (mm)	Abrasive Capacity		
		Kgs	m ³	
1028	780 x 400 x 800	25	0.015	
1440	1070 x 670 x 800	75	0.041	
2040	1100 x 810 x 960	150	0.089	
2452	1320 x 850 x 1100	300	0.163	

1 cu.ft. = 0.028 m ³	1 cu.ft. = 28.32 ltrs
1 ltr = 0.035 cu.ft	1 m ³ = 35.31 cu.ft

Bulk Density of Abrasive (approx)			
Media	kg/ltr	lbs/cu.ft.	Tonnes/cu.m
Metallic	3.78	240	3.78
JBlast	1.80	114	1.80
Stone Grit	1.45	91	1.45
SC	1.35	86	1.35
Alublast	2.00	106	2.00
Glass Bead	1.44	90	1.44
Aerolyte (Plastic)	0.72	45	0.72

A HIGH PRESSURE BLASTING MACHINE (2452) 175 PSI (12 BAR) AVAILABLE
Please ring for details or email on sales@hodgeclemco.co.uk



IBIX / IBIMAR 13 Portable Blast Machines

The IBIX range of ultra portable blast machines are designed with portability in mind. The unique IBIMAR range has low maintenance and can easily be taken into confined areas making it ideal for shipping and offshore industries.

The high grade aluminium construction makes the unit very light and at the same time robust. Wheels are fitted to allow the unit to be towed in a trolley form but the IBIX machines can also be operated like a backpack.

Two versions of this machine are available to suit most budgets and application requirements.

Unlike conventional blast pots the IBIX units utilize a unique pistol style gun and nozzle arrangement which doubles as a deadman system for safety reasons.



IBIMAR 13

Air pressure: 2-7 bar
Air consumption from:
from 300 l/min.
Grit grain size: Up to 1.2 mm
Hose length: 6m (standard)
Grit Capacity: 13 litre
Height: 95 cm
Width: 45 cm
Weight: 12 kg (empty tank)



IBIMAR 28

Air pressure: 2-7 bar
Air consumption from:
from 300 l/min.
Grit grain size: Up to 1.2 mm
Hose length: 6m (standard)
Grit Capacity: 28.7 litre
Height: 85 cm
Width: 45 cm
Weight: 29 kg (empty tank)

High Performance High Pressure Pneumatically Powered Airless Spray Units



Pump ratio	63:1
Delivery at 60 cycles	9.50 litre
Max. Free flow DIN 24374	39.00 litre
Air inlet pressure range	35 to 75 psi (2.5 to 5 bar)
Max. Outlet fluid pressure	5020 psi (346 bar)
Recommended max tip size	0.059"

A high pressure unit designed for the application of the most demanding heavy duty marine coatings such as Coal Tar Epoxy, Glass Flake etc. Ideal for the coating of decks, holds and tanks etc. Also available as a 45:1 ratio unit.

TEL30▶



Pump ratio	30:1
Delivery at 60 cycles	3.66 litre
Max free flow DIN 24374	13.50 litre
Air inlet pressure range	35 to 100 psi (2.5 to 7 bar)
Max outlet fluid pressure	3050 psi (270 bar)
Recommended max tip size	0.041"

A medium/high pressure unit designed for the application of medium duty marine coatings such as chlorinated rubber, silicates etc. Ideal for the coating of decks, tanks and areas where the heaviest duty coatings are not required.

BUD23▶



BUD23 Pump ratio	23:1
Delivery at 60 cycles	1.62 litre
Max free flow DIN 24374	8.50 litre
Air inlet pressure range	35 to 100psi (2.5 to 7 bar)
Max outlet fluid pressure	3335 psi (230 bar)
Recommended max tip size	0.025"

A medium/low pressure unit designed for the application of conventional marine coatings such as acetates etc. Ideal for the coating of accommodation, engine room etc. And areas where lighter duty coatings are to be applied.

Accessories for Airless Spray Equipment



Pneumatic paint stirrer



High pressure paint valves



High pressure paint hose assemblies

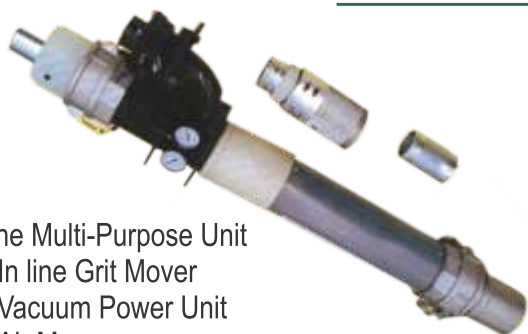


Airless spray gun with reversible tip and holder



Airless pole gun

Clemvac Mk III Portable Air Operated Vacuum Recovery Systems



The Multi-Purpose Unit

- In line Grit Mover
- Vacuum Power Unit
- Air Mover

- Operates on compressed air — no other form of power required.
- Minimum air requirement — 225 cfm at 85 psi.
- Portable — weight 60 lbs (27 kg) — length 45 inches (114 cm).
- Easy to maintain — no moving parts.
- Simple to use.
- Supplied in wooden carrying case, for on-site protection.
- Versatile — can also be used with a reception vessel and as an air mover.



Closed Circuit Blasting Equipment

Eductoblast 75P4 Closed Circuit Single Nozzle Blasting System

Long established as market leaders in open nozzle blasting, we have now focused our expertise upon meeting the requirement for an effective closed circuit blast system. By combining standard equipment from both our portable range of blast cleaning equipment and our abrasive recovery systems (together with a purpose built blast head) we have produced a solution to the problems which have not been met by any other system.

- ☐ HIGHER PRODUCTION RATES ☐ TOTAL CONTAINMENT
- ☐ TOTAL CONTAINMENT ☐ REDUCED RUNNING COSTS ☐ REDUCED NOISE
- ☐ REDUCED MAINTENANCE ☐ FLEXIBILITY

TECHNICAL SPECIFICATION	EDUCTOBLAST 75P (Pneumatic)
Compressed Air Requirement 85 cfm	(1/4" nozzle @ 7 bar) + 90 cfm (Vacuum producer @ 7bar)
Filter Area	66 ft ² (6.2m ²)
Dust Emission	<5mg/m ³ air
Noise Level (Vacuum)	83 db (A)
Suction Hose	50mm i.d.
Reverse Pulse	5 ltr/min (0.2 cfm)
Compressed Air Supply	7 bar pressure
Electric Motor	N/A
Electric Supply	N/A
Electric Supply Cable	N/A
L x W x H	2000 x 1000 x 2290mm
Weight	380 kgs
Air Supply Hose Size	Vacuum Producer: min:1" (25mm)i.d. Blast Machine: min _" (18mm) i.d.
Max Vacuum	12" Hg (4000mm WG)
Max Air Volume	250 cfm (420m ³ /hr)
Max Grit Particle Size	SAE Aperture 1.4 mm SAE Sieve No 14

We Also Offer Blasting Booths with dust Collector, Bucket Elevator & Advanced Scraper Floor System, Painting Booths & Personal Protective Equipment.