



AIRBLAST

Airblast Shot Blasting Machines



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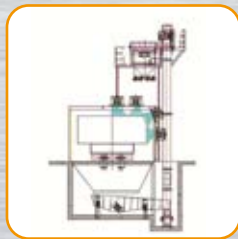


AIRBLAST

Introduction

Welcome to Airblast Shot Blasting Machines

This guide features the most effective & efficient equipment in improving your blasting & painting process. The impetus to invest in Airblast Shot Blast Machines may be driven by the desire to gain a competitive edge over your competitors, to better control the quality achieved, or by environmental legislation – whatever the reason the move to utilizing Airblast Shot Blast Machines ensures that each process is undertaken in the most efficient and effective manner.



As this guide features only the main pieces of equipment required there may be items which you wish to purchase which are not mentioned within these pages – please consult with your local Airblast representative to receive details of the full range of products.

We trust that you will find this guide interesting and informative – we look forward to discuss with you your specific requirements.

For more than 35 years Airblast has been the world leader in providing blasting and painting solutions to the anti-corrosion industries. With an unparalleled network of offices around the world Airblast works closely with our customers and distribution partners providing tried and tested equipment as well as developing customized solutions for specific applications.

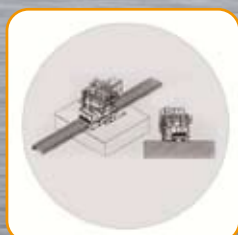
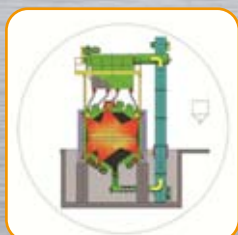
Airblast is dedicated to maintain a profitable organization on a long term basis through ethically and morally sound business practices. By investing in the long term future of our organization, and those with whom we conduct business, Airblast believes that we can share sustained mutual success.

Our manufacturing facilities in Europe and the Far East produce fit for purpose quality products with region specific certification. All Airblast equipment is manufactured according to the highest relevant safety standards and passes our rigorous quality controls before dispatch.

Mindful of the environmental responsibilities faced by our generation Airblast is committed to a programme of research and development into technologies facilitating zero emission blasting and painting along with an education programme promoting planet friendly operations.

AB69

Steel Profiles Shot Blasting Machine



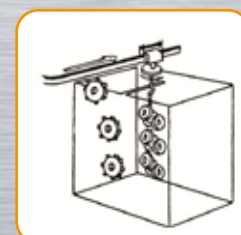
AB69 Series Steel Sheet Shot Blasting Pre-treatment Line

The Q69 Series consists of units featuring warm up, shot blasting and spray painting processes designed to process plates, sections and structural components to be used in industries such as shipyard, automobile, motorcycle, bridge, machine etc.

Type	AB69	AB69	AB69	AB69
Effective cleaning width (mm)	1500	2500	3300	4500
Room feed-in size (mm)	1550×600	2600×600	3400×600	4600×600
Length of workpiece (mm)	1200-12000	3000-12000	2400-12000	4500-18000
Speed of wheel conveyer (stepless speed variation) (mtr./min.)	0.5-4	0.5-4	0.5-4	0.5-4
Thickness of steel sheet (mm)	1.5-60	3-60	3-110	4.5-100
Beam size reference (mm)	1000×300	1300×300	2 x 800×300	2 x 1000×300
Quantity of shot blasting (kg./min.)	4 x 250	6 x 250	6 (8) x 360	8 x 360
First enclosed quantity (kg.)	4000	4500	8000	11000
Roll brush adjusting height (mm)	600	600	600	600
Filter capacity (m³/hr.)	8000	12000	16000	24000
Exterior size (mm)	15200×5370 ×6797	31200×8070 ×7500	44042×6385 ×7758	45000×7830 ×11117
Power (except for dust cleaning) (kw)	113.5	204.8	224.55	293.6

AB37

Overhead Rail Spinner Hanger Type Shot Blasting Machine



AB37 Series Overhead Rail Spinner Hanger Shot Blast Machine

The AB37 Series is compact in design, does not require a pit, and consists of units featuring single hook, double hook, lifting and non-lifting style designed topeen castings, structural components, non-ferrous alloy parts.

Type	Model	Cleaning workpiece size (diameter x height)	Carrying capacity per unit hook (kgs.)
AB375	Single-hanger	500 x 1000	500
AB376	Single-hanger	800×1200	600
AB376E	Double-hanger	800×1200	600
AB378	Single-hanger	1000×1500	800
AB378E	Double-hanger	1000×1500	800
AB3710	Single-hanger	1200×1500	1000
AB3710E	Double-hanger	1200×1500	1000
AB3720	Single-hanger	1500×2000	2000
AB3720E	Double-hanger	1500×2000	3000
AB3730	Single-hanger	1500 x 2000	3000
AB3750	Double-hanger	2000×2500	5000

AB32

Tumble Belt Type Shot Blasting Machine



AB32 Series Tumble Belt Type Shot Blasting Machine

The AB32 Series can be used for surface cleaning, removing rust and surface intensification of various small and middle sized cast or forged work pieces. The addition of a continuous conveyor allows for increased production rates when used as part of a production line.

Type	AB326	AB3210	ABR3210
Productivity (T/h)	0.6 - 1.2	3 - 5	1.5 - 2.5
Loading weight (kg)	200	800	600
Max. weight of one piece (kg)	10	15	30
Diameter of roller (mm)	650	1000	1000
Available capacity (m ³)	0.15	0.4	0.3
Pill impelling volume (kg/min)	100	250	250
Dedusting air volume (m ³ /h)	2200	6000	5000
Power dissipation (kw)	12.6	32.6	24.3
Appearance dimension (mm)	3681 x 1650 x 5800	3644 x 2926 x 5856	3972 x 2600 x 4768
Total weight (kg)	2340	5843	7400

AB15GN/AB28GN Tumble Belt Type Shot Blasting Machine



AB15GN & AB28GN Series Tumble Belt Type Shot Blasting Machine

The AB15GN & AB28GN Series can be used to remove sand and rust from cast, forged and welded parts as well as aluminum and other non-ferrous parts. This series is especially effective for hard-to-clean parts, non-fragile parts, and non-core castings.

Type	AB15GN	AB28GN
Size of roller (mm)	1090 x 1245	1245 x 1778
Diameter of roller (mm)	1092	1250
Working cubage (m ³)	0.43	0,79
Max. weight of one piece (kg)	227	363
Max. size of one piece (mm)	1000	1000
Loading weight (kg)	800	3500
Pill impelling volume (kg/min)	480	340 x 2
Impeller head power (kw)	22	30

AB58 Piled and Released Type Shot Blasting Machine



AB58 Series Piled and Released Type Shot Blasting Machine

The AB58 Series features hanging chain type continuous duty overhead rail shot blasting machines used for batch cleaning of small to medium sized castings, forged parts and alloys.

Type	AB583	AB585	AB5810	AB588
Cleaning workpiece size (diameter in mm)	800 x 1500	800 x 1200	1300 x 2800	550 x 2200
Number of workpiece position	2	3	2	2
Quantity of impeller head	4	6	6	4
Impeller head volume (kg/min)	4 x 250	6 x 360	6 x 330	4 x 480
Impeller head power (kw)	4 x 15	6 x 22	6 x 22	4 x 22
Max. hanging weight (kg)	300	500	1000	800
Productivity hanger (/h)	40	55	50	30
Cleaning workpiece size (mm)	3062 x 1800 x 2800	8500 x 1800 x 3885	8500 x 2300 x 4800	6800 x 2600 x 3325
Total Air rate volume (m ³ /h)	16000	18000	18000	17200
Power (except for dust cleaning) (kw)	74.5	186.85	186.85	121.05

AB38 - Double Route Series Hanger Chains Type **AB48 - Single Route Series Hanger Stepping Type** **Continuous Working Overhead Rail** **Shot Blasting Machines**



AB38 Double Route Hanger Chains Type & AB48 Single Route Hanger Stepping Type Shot Blast Machine
 The AB38 & AB48 are multiple step rotating point machines featuring overhead rail and continuous duty operation. This Series can be used to clean rust and sand from casting and work pieces to be fitted to vehicles such as bolsters and side frames, as well as other types of steel structure and mechanical parts.

Type	AB383 / AB483	AB385 / AB485	AB4810
Cleaning workpiece size (diameter in mm)	800 x 1200	1000 x 1500	1000 x 2500
Number of workpiece position	2	2	2
Quantity of impeller head	4	4	6
Impeller head volume (kg/min)	4 x 250	4 x 250	6 x 250
Impeller head power (kw)	4 x 15	4 x 15	6 x 15
Max. hanging weight (kg)	300	500	1000
Productivity hanger (/h)	30 - 60	30 - 60	40 - 60
Cleaning workpiece size (mm)	7680 x 2000 x 2900	7680 x 2000 x 2900	7680 x 2000 x 3800
Total Air rate volume (m ³ /h)	17000	19000	19000
Power (except for dust cleaning) (kw)	73.15	73.15	114.72

ABT37

Hanger Pass-through Type Shot Blasting Machine



ABT Series Hanger Pass-through Type Shot Blasting Machine

The ABT Series is designed to clean steel sections, steel structures, steel board architectural machine parts and other large mechanical parts. This series blasts clean the surface from rust and sand providing a bright profiled surface.

Type	ABT20H	ABT50H	ABT3740H	ABT3720H
Exterior size of cleaning casting (mm)	5880 x 3185 x 957	4000 x 3270 x 1320	2500 x 4650	2000 x 3200
Type of impeller head	XQH400	XQH400	XQH350	XQH350
Power (kw)	8 x 18.5	8 x 18.5	8 x 15	12 x 11
Quantity of shot blasting (kg/min)	8 x 280	8 x 280	8 x 250	8 x 250
Power (except for dust cleaning) (kw)	187.4	187.4	148.3	168.3
Total Air rate volume (m ³ /h)	30000	30000	19000	19000
External dimension (mm)	18000 x 8150 x 11300	21000 x 7000 x 11509	14000 x 6200 x 7500	19000 x 7200 x 7080

ABP Inner and Outer Wall Special Shot Blasting Machine



ABP Series Inner and Outer Wall Special Shot Blasting Machine

The ABP Series is designed to blast clean pipes providing a bright profiled surface ready for the application of paint.

Type	Cleaning size (diameter in mm)	Cleaning speed (mtr/min)	Purposes
ABW100	50 - 300	2 - 10	Outer wall of shot blasting machine
ABW720	159 - 720	2 - 6	
ABW1200	219 - 1016	1 - 6	
ABW1500	325 - 1600	1 - 6	
ABW2800	1016 - 2800	1 - 2	
ABN100	50 - 300	1 - 4	Inner wall of shot blasting machine
ABN700	325 - 720	1 - 2	
ABN1000	720 - 1016	1 - 4	
ABN1500	1016 - 1500	1 - 4	

AB69

H-shaped Steel of Shot Blasting Machine Machine



H-Shaped Steel Shot Blasting Machine

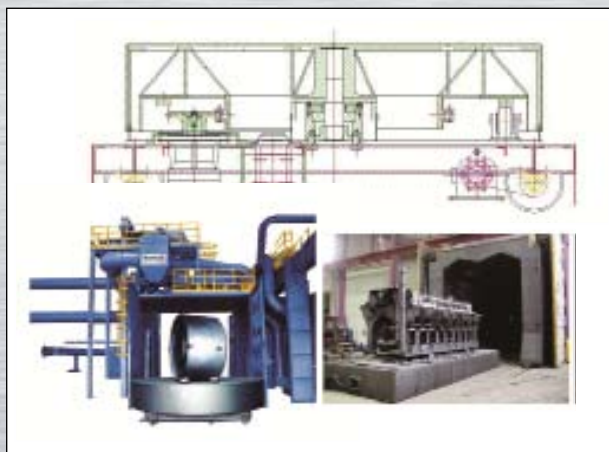
The H-Shaped Shot Blasting Machine is a roller conveyor unit designed to blast clean structural steel and H beams to be used in the construction of buildings and bridges. The substrates are stress relived and cleaned of rust and oxidization.

Type	ABH698	ABH6912	ABH6915	ABH6918
Effective cleaning width (mm)	800	1200	1500	1800
Size of feed inlet (mm)	2500 x 1300	1400 x 1700	1700 x 1700	2000 x 1800
Lenght of cleaning workpiece (mm)	1200 - 12000	1200 - 13000	1500 - 13000	2000 - 13000
Cleaning workpiece size (mm)	800 x 1200	1200 x 1500	1500 x 1500	1800 x 1600
Transportation speed (stepless speed control) m/min)	0.5 - 4	0.5 - 4	0.5 - 4	0.5 - 4
Quantity of shotblasting (kg/min)	8 x 125	8 x 180	8 x 180	8 x 250
First enclosed quantity (kg)	4000	5000	5000	6000
Air capacity (m ³ /h)	20000	22000	25000	25000
Power (except for dust cleaning) (kw)	90	130	180	180



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AB36/AB76 Trolley Type Shot Blasting Machine

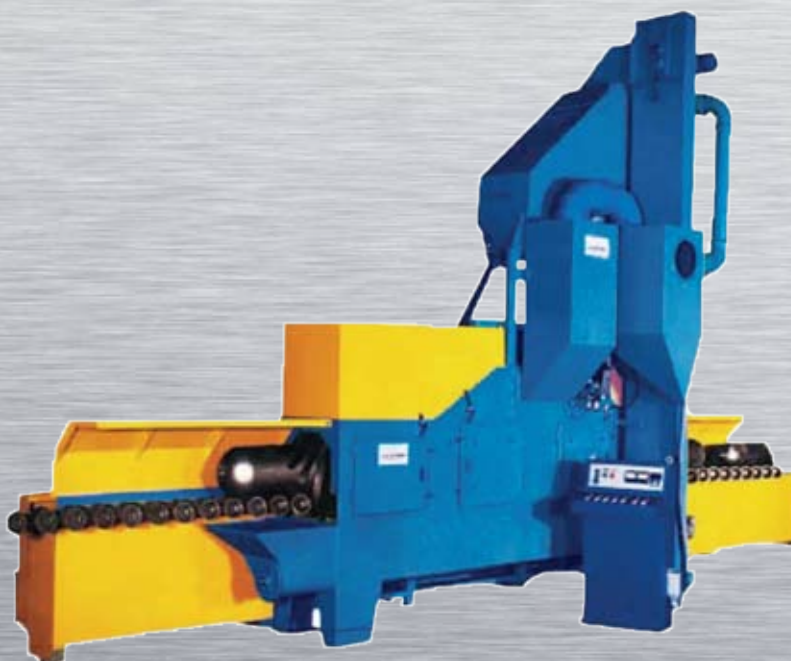
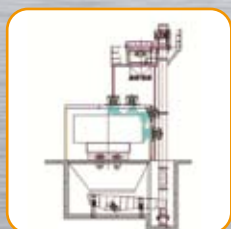
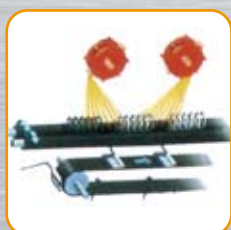


AB36 & AB76 Series Trolley Type Shot Blasting Machine

The AB36 & AB76 Series are designed to blast clean middle and large sized work pieces rotating on a trolley providing a bright and profiled surface.

Type	AB365C	AB3610	AB3620	AB765C	AB76100	AB7620	AB7630
Cleaning workpiece size (mm)	2500 x 1300	2500 x 1500 x 280	4000 x 3000 x 700	2500 x 1300	2500 x 1500 x 280	4000 x 3000 x 700	4000 x 2000
Blasting capacity (kg/min)	2 x 260	4 x 250	4 x 250	2 x 260	4 x 250	4 x 250	4 x 250
Lifting capacity of elevator (t/h)	40	60	75	40	60	75	60
Separation quantity of separator (t/h)	40	60	75	40	60	75	60
Ventilation volume (m ³ /h)	13200	240000	21000	13200	240000	21000	21500
Power (except for dust cleaning) (kw)	39.2	186.45	185.25	39.2	188.45	185.25	83.2
External dimension (mm)	9000 x 4200 x 9290	14900 x 500 x 8700	16900 x 6540 x 10020	9000 x 4200 x 9290	14900 x 500 x 8700	16900 x 6540 x 10020	9168 x 7680 x 10874

Round Spring Shot Blasting Machine



The AB265, AB2615, and the ABES1422 have been specifically designed to achieve the perfect result when blasting round springs. Round springs offer a unique blasting challenge - complete blasting coverage is vital in the critical environment in which the springs operate. Positioning of the blast wheels is crucial in achieving the desired result.

Type	AB265	AB2615	ABES1422
Maximum size of cleaning work	Gear wheel $\Phi 1500 \times 1700$ Inner gear $\Phi 400 \times 2000$ Height 200-500	Gear wheel $\Phi 3000 \times 1500$ Inner gear $\Phi 400 \times 2500$ Height 200-500	Diameter 50-300 Length: ≤ 700
Diameter of revolving table (mm)	1500	3000	-
Diameter of small movement revolving table (mm)	500	1000	-
Carrying capacity of revolving table (kg)	5000	15000	-
Power of shot blasting (kw)	3 x 18.5	3 x 18.5	30
Mobile impeller head power (kw)	1 x 18.5	1 x 18.5	-
Quantity of shot blasting (kg/min)	4 x 280	4 x 280	420
Type of dust catcher (m ³ /h)	HR4-16	HR4-32	JZC40
Total air rate volume (m ³ /h)	10000	22000	5940
Power (except for dust cleaning) (kw)	107.15	119.3	40.05
External dimension (mm)	9350 x 3750 x 8790	12000 x 5250 x 8750	8230 x 762 x 1752

AB3512-AB3525 Turning Plate Type Shot Blasting Machine



The Turning Plate Type range of shot blasting machines are designed to blast small to medium sized workpieces on a rotating plate. The units can be used to blast many different types of workpiece including forged and cast parts and provides a bright and profiled surface.

Type		AB3512	ABF3512	ABF3525F
Dimension (diameter) of cleaning chamber (mm)		1350 x 560	1350 x 860	2854 x 560
Cleaning workpiece size (mm)		600 x 250 x 250	600 x 250 x 500	600 x 500 x 250
Turntable car	Loading weight (kg)	400	400	1000
	Diameter (mm)	1200	1200	2500
Wheelblast equipment	Blasting capacity (kg)	200	2 x 120	2 x 250
	Power (kw)	11	2 x 7.5	2 x 15
Lifting capacity of elevator (t/h)		15	15	30
Separation quantity of separator (t/h)		15	15	30
First loading capacity (kg)		400	400	1500
Ventilation volume (m ³ /h)		2800	2800	5200
External dimension (mm)		1500 x 3450 x 3780	1900 x 1900 x 4165	4260 x 3647 x 5366
Power (except for dust cleaning) (kw)		24.5	24.5	35.2

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