



PB500P Blast Cabinets



Product Features

The PanBlast™ PB500P Heavy Duty Pressure Blast Cabinet is a highly efficient, general purpose, industrial blast cabinet, compatible with a wide range of abrasive media, including:

- * FastBlast™ Chilled Iron Grit
- * PanaGrit™ Cast Steel Grit
- * QuickCut™ Aluminium Oxide
- * BrightBlast™ Glass Beads
- * EnviroGrit™ Garnet
- * PanaShot™ Steel Shot

- ▶ Up to three times faster than suction blast systems.
- ▶ PanBlast™ 31 litres (1.1 ft³) blast pot.
- ▶ Cyclone type abrasive separator cleans abrasive during use.
- ▶ Safety door interlock.
- ▶ Integral dry cartridge reverse pulse dust collector for clear visibility.
- ▶ Heavy duty wear resistant rubber gloves.
- ▶ Quick-change laminated glass viewing window - no tools required.
- ▶ Fina II abrasive metering valve.
- ▶ Compressed air regulator and gauge.
- ▶ Standard air blow down gun.

Common Applications

- ▶ De-scale and de-rust metal.
- ▶ Remove paint and coatings.
- ▶ Remove burrs, flashings and sand from castings and moldings.
- ▶ Decorative finishing of non-ferrous metals.
- ▶ Stone and glass etching.
- ▶ Mold cleaning.

Complementary Products



ATN-S Blast Nozzles



ATN-M Blast Nozzles



Pow Air Vac



Moisture Separator



ABN-S Blast Nozzles



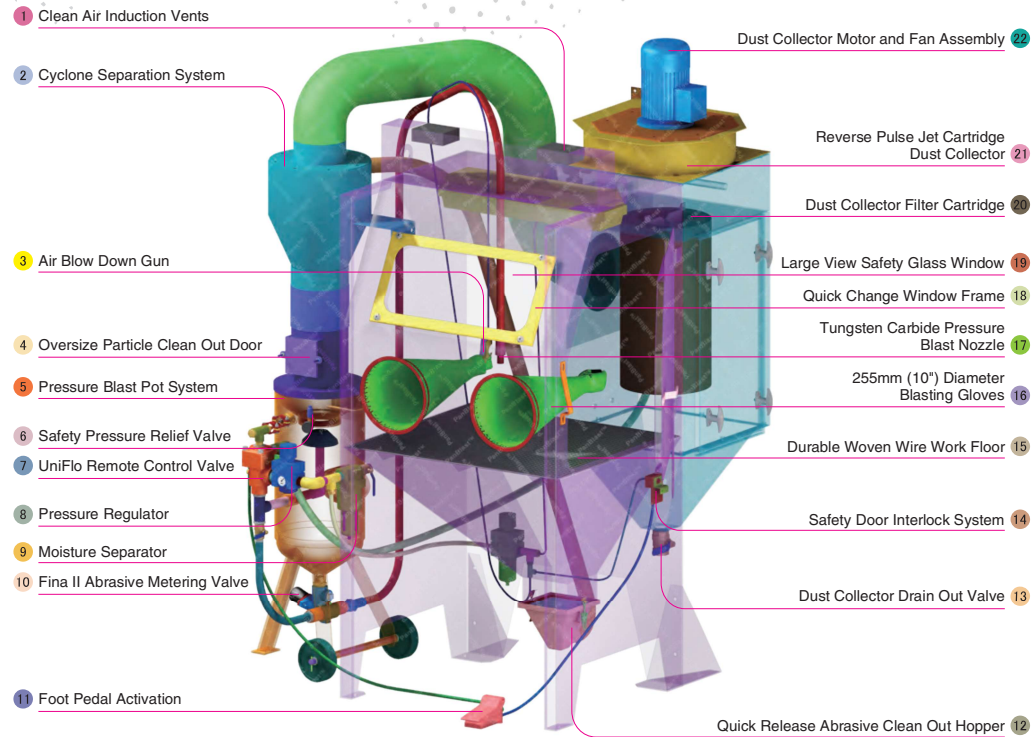
AER85 Vacuum Blaster



Filter Cartridge



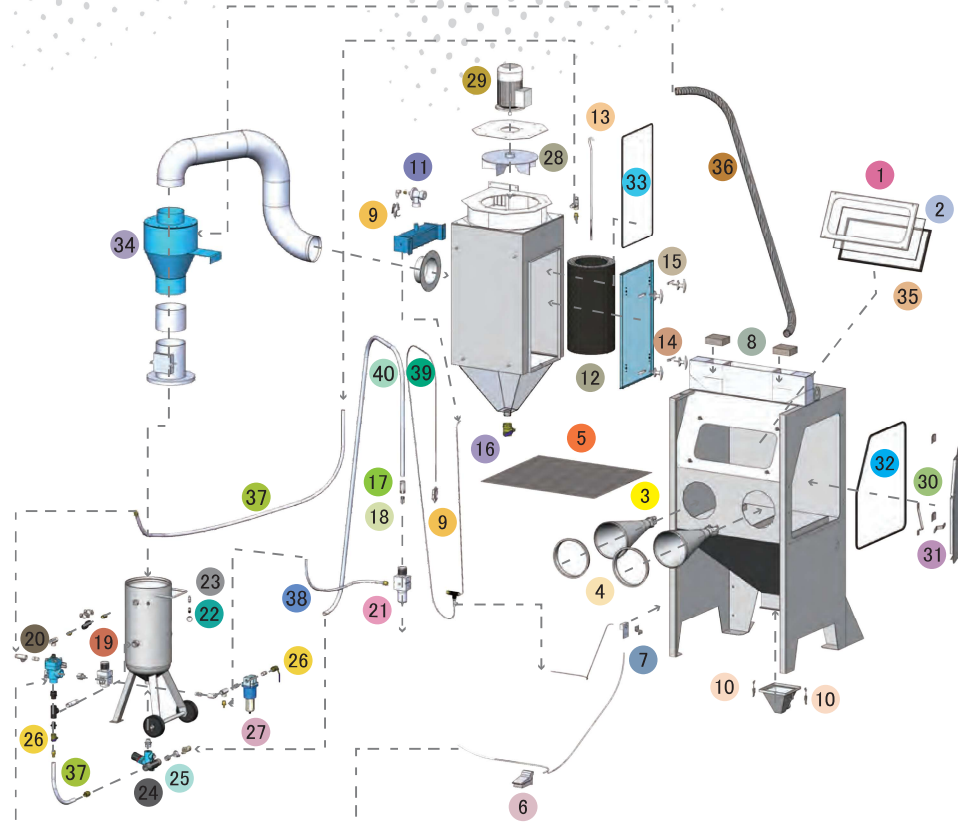
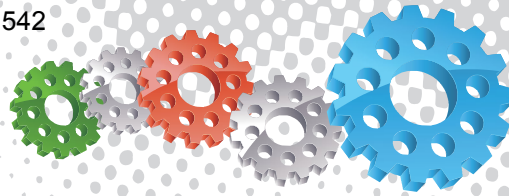
Cabinet Window Cover



Component Highlights



- | | | |
|------------------------------------|--|---|
| 1 Clean Air Induction Vents | 9 Moisture Separator | 17 Tungsten Carbide Pressure Blast Nozzle |
| 2 Cyclone Separation System | 10 Fina II Abrasive Metering Valve | 18 Quick Change Window Frame |
| 3 Air Blow Down Gun | 11 Foot Pedal Activation | 19 Large View Safety Glass Window |
| 4 Oversize Particle Clean Out Door | 12 Quick Release Abrasive Clean Out Hopper | 20 Dust Collector Filter Cartridge |
| 5 Pressure Blast Pot System | 13 Dust Collector Drain Out Valve | 21 Reverse Pulse Jet Cartridge Dust Collector |
| 6 Safety Pressure Relief Valve | 14 Safety Door Interlock System | 22 Dust Collector Motor and Fan Assembly |
| 7 UniFlo Remote Control Valve | 15 Durable Woven Wire Work Floor | |
| 8 Pressure Regulator | 16 255mm (10") Diameter Blasting Gloves | |



Notation: SG: Approved by Ministry of Manpower, Singapore.

Assemblies

Stock Code	Description	Weight
BEC-CA-PB-0018	PB500P Blast Cabinet Assembly	430 kg (948 lbs)
BEC-CA-0568-00	PB500P/SG Pressure Cabinet Assembly	430 kg (948 lbs)

Optional Accessories

Stock Code	Description	Stock Code	Description
BAC-CA-PB-0427	Fixed Turntable	BAC-CA-PB-0428	PB500 Cabinet Lining Kit
BAC-CA-PB-0241	Dust Collector Silencer Kit	BAC-CA-PB-0277	Cabinet Gun Stand
BAC-CA-PB-0455	Foot Valve Guard	BAC-DC-0002-01	230V 1-Cartridge Auto-Reverse Pulse Kit



All data and information subject to change without prior notice. Brochure reference CAT-0603-01-01

Parts List

Item	Stock Code	Description	Qty
1	YAC-CA-PB-0153	Window Frame	1
2	BAC-CA-PB-0156	Rectangular Window	1
3	BAC-GL-PB-0003	10" Ø Cabinet Rubber Gloves	1 pr
4	BAC-CA-PB-0157	Cabinet Entry Ring	2
5	BAC-CA-PB-0155	Cabinet Floor Mesh	1
6	BAC-CA-PB-0086	Foot Valve Spring Return	1
7	YAC-CA-PB-0219	Door Interlock Valve	1
8	BAC-CA-PB-0140	Air Entry Filter	4
9	YAC-CA-PB-0145	1/4" Blow Off Gun	2
10	YAC-FN-PB-0041	Toggle Catch	2
11	BAC-DC-PB-0007	Pulse Valve	1
12	BAC-DF-PB-0002	Filter Cartridge - Size 2 (Open/Close)	1
13	BAC-DC-PB-0031	Hanger Rod	1
14	YAC-CA-PB-0146	Handle	4
15	YAC-CA-PB-0205	Handle Tongue	4
16	BAC-PF-PB-0008	38 mm (1-1/2") Ball Valve	1
17	BAC-NZ-PB-0021	NNH-0 Nylon Nozzle Holder	1
18	BAC-NZ-PB-0054	Blast Nozzle ATN-3S Alum/Tungsten Short	1
19	BAC-AF-PB-0153	19 mm (3/4") Pressure Regulator With Gauge	1
20	BAC-RC-PB-0014	UniFlo Valve Assembly With Fittings	1
21	BAC-AF-PB-0048	9.5 mm 3/8" Filter Regulator With Gauge	1
22	BAC-PF-PB-0030	6 mm (1/4")-125 PSI Pressure Relief Valve	1
23	BAC-PF-PB-0031	6 mm (1/4") Pressure Gauge - Rear Entry	1
24	BAC-VA-0397-00	Fina II Valve 1/2" M X 3/4" F	1
25	BAC-HC-0084-00	STC-0 Steel Threaded Pot Coupling	1
26	BAC-PF-PB-0004	19 mm (3/4") Ball Valve	2
27	BAC-AF-PB-0057	19 mm (3/4") Port Moisture Separator	1
28	YAC-CA-PB-0183	Fan Impellor - 360CFM Aluminium	1
29	YAC-CA-PB-0144	1.5 kw 415 V/50 Hz Motor	1
30	YAC-CA-PB-0440	Door Latch	1
31	YAC-CA-PB-0439	Handle	1
32	BAC-CA-PB-0164	Cabinet Door Seal	1
33	BAC-CA-PB-0406	Dust Collector Door Seal	1
34	BAC-CA-0317-02	Rubber Lined Cyclone	1
35	BAC-CA-PB-0161	Cabinet Window Seal	2
36	BAC-CA-0596-00	Recovery Hose	1
37	YAC-BF-PB-0041	Hose-Air/Water Delivery 19 mmID x 29 mmOD	2 m
38	BAC-CA-PB-0315	Blast Hose PB500/ES	1
39	YAC-PF-PB-0125	1/4" NB Air Hose	1.5 m
40	BAC-CA-0591-00	Blast Hose	1

Technical Data



- Optional Turntable Load:**
250 kg (551 lbs)
- Internal Size:**
900 mm (35") Wide 783 mm (31") Deep
730 mm (29") High
- Door Size:**
645 mm (25") Wide 730 mm (29") High
- Air Consumption:**
68 m³/hr (40 cfm) @550kPa (80 psi)
- Blast Nozzle Size:**
BAC-NZ-PB-0054
Nozzle ATN-3S Orifice 3/16" - 4.8 mm
- Cabinet Light:**
2 x 18Watt 230V 50Hz
- Cabinet Overall Dimension:**
1620 mm (64") Wide 1460 mm (58") Deep
2220 mm (88") High
- Recommended Floor Area:**
2800 mm (110") Wide 2300 mm (91") Deep
- Window Size:**
600 mm (24") Wide 250 mm (10") High
- Air Supply Line:**
19 mm (3/4")
- Electrical Power:**
1.5 Kw (2 hp) 415VAC 50Hz 2 Pole 3 Phase

