Blast Cabinets

■ Light Duty ■ Heavy Duty ■ Pressure Blast ■ Plastic Media Blast

PB1000P Blast Cabinets

Product Features

The PanBlast™ PB1000P Blast Cabinet is a highly efficient, general purpose, industrial blast cabinet, and is 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
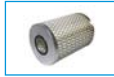
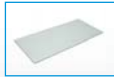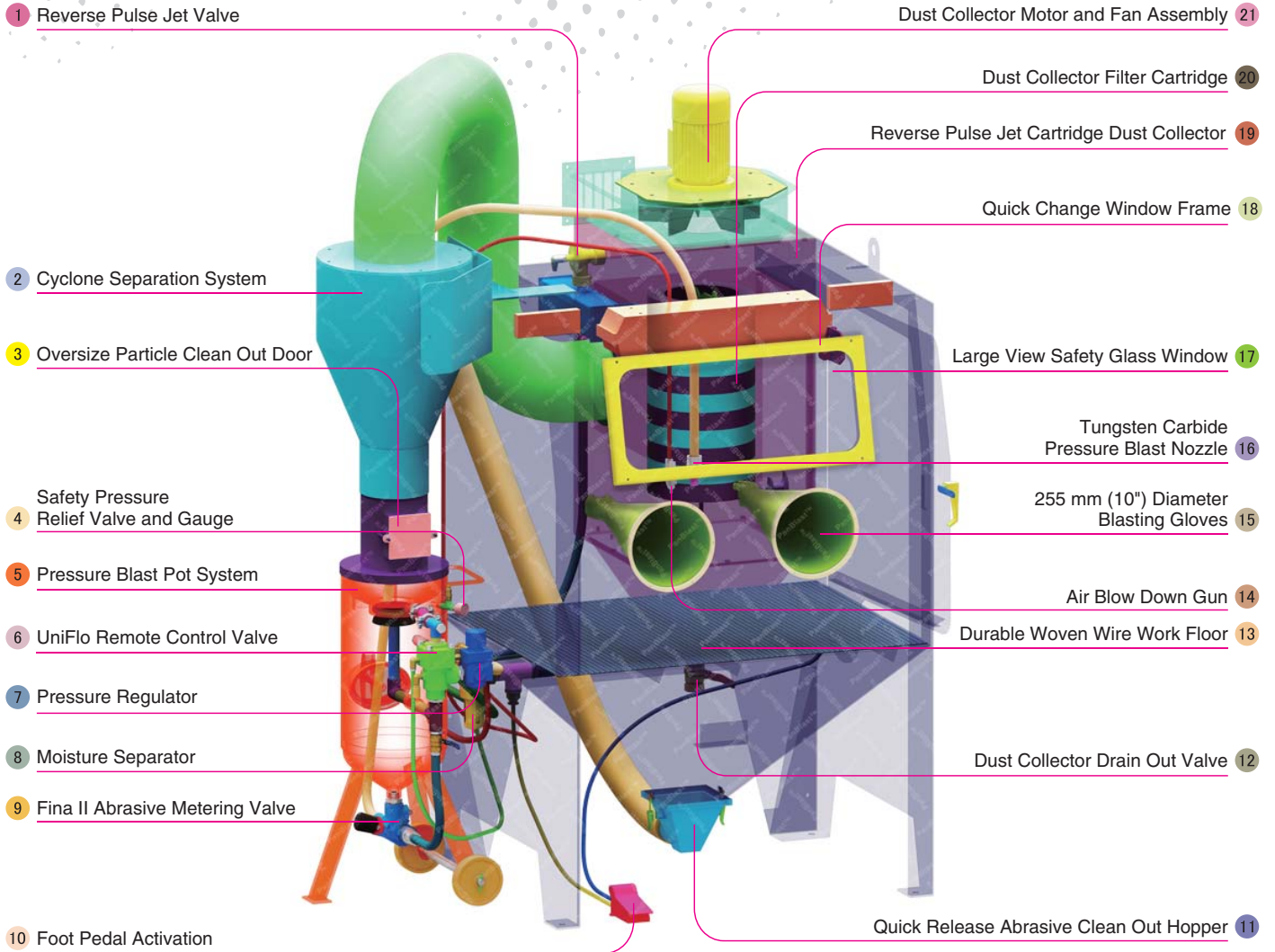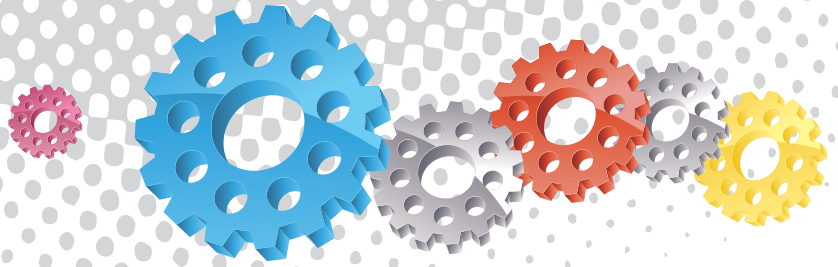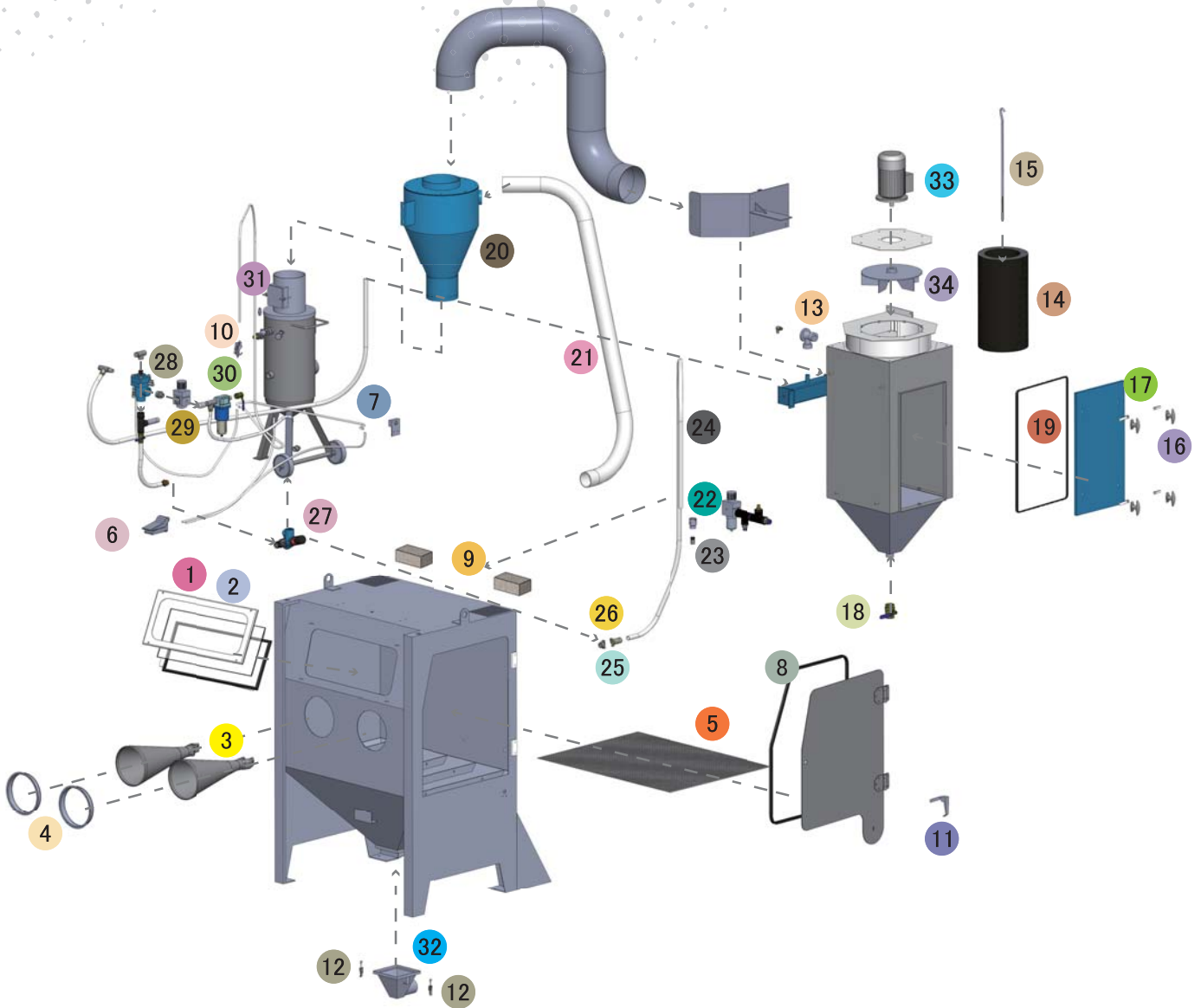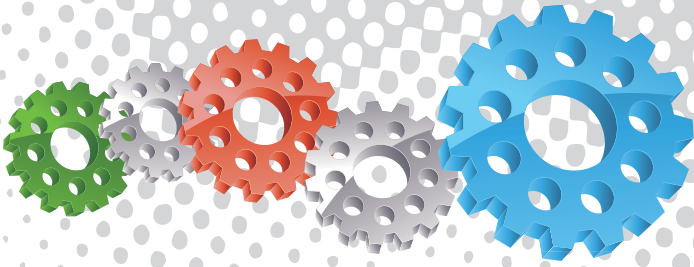|	
ATN-S Blast Nozzles	ABN-S Blast Nozzles
ATN-M Blast Nozzles	AER85 Vacuum Blaster
Pow Air Vac	Filter Cartridge
Moisture Separator	Cabinet Window Cover

1. Reverse Pulse Jet Valve
2. Cyclone Separation System
3. Oversize Particle Clean Out Door
4. Safety Pressure Relief Valve and Gauge
5. Pressure Blast Pot System
6. UniFlo Remote Control Valve
7. Pressure Regulator
8. Moisture Separator
9. Fina II Abrasive Metering Valve
10. Foot Pedal Activation

21. Dust Collector Motor and Fan Assembly
20. Dust Collector Filter Cartridge
19. Reverse Pulse Jet Cartridge Dust Collector
18. Quick Change Window Frame
17. Large View Safety Glass Window
16. Tungsten Carbide Pressure Blast Nozzle
15. 255 mm (10") Diameter Blasting Gloves
14. Air Blow Down Gun
13. Durable Woven Wire Work Floor
12. Dust Collector Drain Out Valve
11. Quick Release Abrasive Clean Out Hopper

Component Highlights

1. Reverse Pulse Jet Valve
2. Cyclone Separation System
3. Oversize Particle Clean Out Door
4. Safety Pressure Relief Valve and Gauge
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15. 255 mm (10") Diameter Blasting Gloves
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20. Dust Collector Filter Cartridge
21. Dust Collector Motor and Fan Assembly

Notation: AU: Approved by Worksafe, Australia. NZ: Approved by Department of Labour, New Zealand. SG: Approved by Ministry of Manpower, Singapore.

Assemblies

Stock Code	Description	Weight
BEC-CA-PB-0009	PB1000P/AU/NZ Pressure Cabinet Assembly	600 kg (1322 lbs)
BEC-CA-0565-00	PB1000P/SG Pressure Cabinet Assembly	600 kg (1322 lbs)

Optional Accessories

Stock Code	Description	Stock Code	Description
BAC-CA-PB-0180	PB1000 Cabinet Track & Turntable	BAC-CA-PB-0243	Tumble Basket Assembly - 350 mm Dia
BAC-CA-PB-0244	PB1000/1500/2000 Turntable Kit	BAC-CA-PB-0040	Tumble Basket Assembly - 300 mm Dia
BAC-CA-PB-0277	Cabinet Gun Stand	BAC-CA-PB-0455	Foot Valve Guard
BAC-CA-PB-0278	PB1000 Linning Kit	BAC-CA-PB-0292	Operator Sound Kit
BAC-CA-PB-0241	Silencer Kit	BAC-DC-0002-01	230V 1-Cartridge Auto-Reverse Pulse Kit

All data and information subject to change without prior notice. Brochure reference CAT-0603-02-02

Parts List

Item	Stock Code	Description	Qty
1	BAC-CA-PB-0137	Rectangular Window	1
2	BAC-CA-PB-0141	Cabinet Window Seal	2
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-0126	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-0178	Cabinet Door Seal	1
9	BAC-CA-PB-0140	Air Entry Filter	2
10	YAC-CA-PB-0145	1/4" Blow Off Gun	1
11	YAC-CA-PB-0138	Latch	1
12	YAC-FN-PB-0041	Toggle Catch	2
13	BAC-DC-PB-0007	Pulse Valve	1
14	BAC-DF-PB-0002	Filter Cartridge - Size 2 (Open/Close)	1
15	YAC-DC-PB-0005	700 mm Hanger Rod	1
16	YAC-CA-PB-0146	Handle	4
17	YAC-CA-PB-0205	Handle Tongue	4
18	BAC-PF-PB-0008	38 mm (1-1/2") Ball Valve	1
19	YAC-CA-PB-0375	Dust Collector Door Seal	0.6 m
20	BAC-CA-0281-04	Rubber Lined Cyclone	1
21	BAC-CA-0597-00	Recovery Hose	1
22	BAC-NZ-PB-0025	ANH-1/2 Aluminium Nozzle Holder	1
23	BAC-NZ-PB-0054	Blast Nozzle ATN-3s Alum/Tungsten Short	1
24	BAC-HB-PB-0002	Blast Hose 19mm X 34mm X 20mm L2	2.5 m
25	BAC-HC-0090-00	SHC-1/2 Steel Hose Coupling	1
26	BAC-HC-0086-00	STC-1/2 Steel Threaded Pot Coupling	1
27	BAC-VA-0397-00	Fina II Valve 1/2"M x 3/4"F	1
28	BAC-RC-PB-0086	UniFlo Remote Control Valve	1
29	BAC-AF-PB-0153	19 mm (3/4") Pressure Regulator With Gauge	1
30	BAC-PF-PB-0004	19 mm (3/4") Ball Valve	1
31	BAC-PF-PB-0030	6 mm (1/4") - 125 psi Pressure Relief Valve	1
32	YAC-CA-PB-0226	Spigot	1
33	YAC-CA-PB-0144	1.5kw 415v/50hz Motor	1
34	YAC-CA-PB-0183	Fan Impellor - 360cfm Aluminium	1

Technical Data

- **Optional Turntable Load:**
  250 kg (551 lbs)

- **Internal Size:**
  1100 mm (43") Wide 920 mm (36") Deep 890 mm (35") High

- **Door Size:**
  755 mm (30") Wide 855 mm (34") High

- **Air Consumption:**
  85 m³/hr (50cfm) @550 kPa (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:**
  1830 mm (72") Wide 1573 mm (62") Deep 2400 mm (95") High

- **Recommended Floor Area:**
  3400 mm (134") Wide 2400 mm (95") Deep

- **Window Size:**
  750 mm (30") Wide 300 mm (12") High

- **Air Supply Line:**
  19 mm (3/4")

- **Electrical Power:**
  1.5Kw (2 hp) 415VAC 50Hz 2 Pole 3 Phase