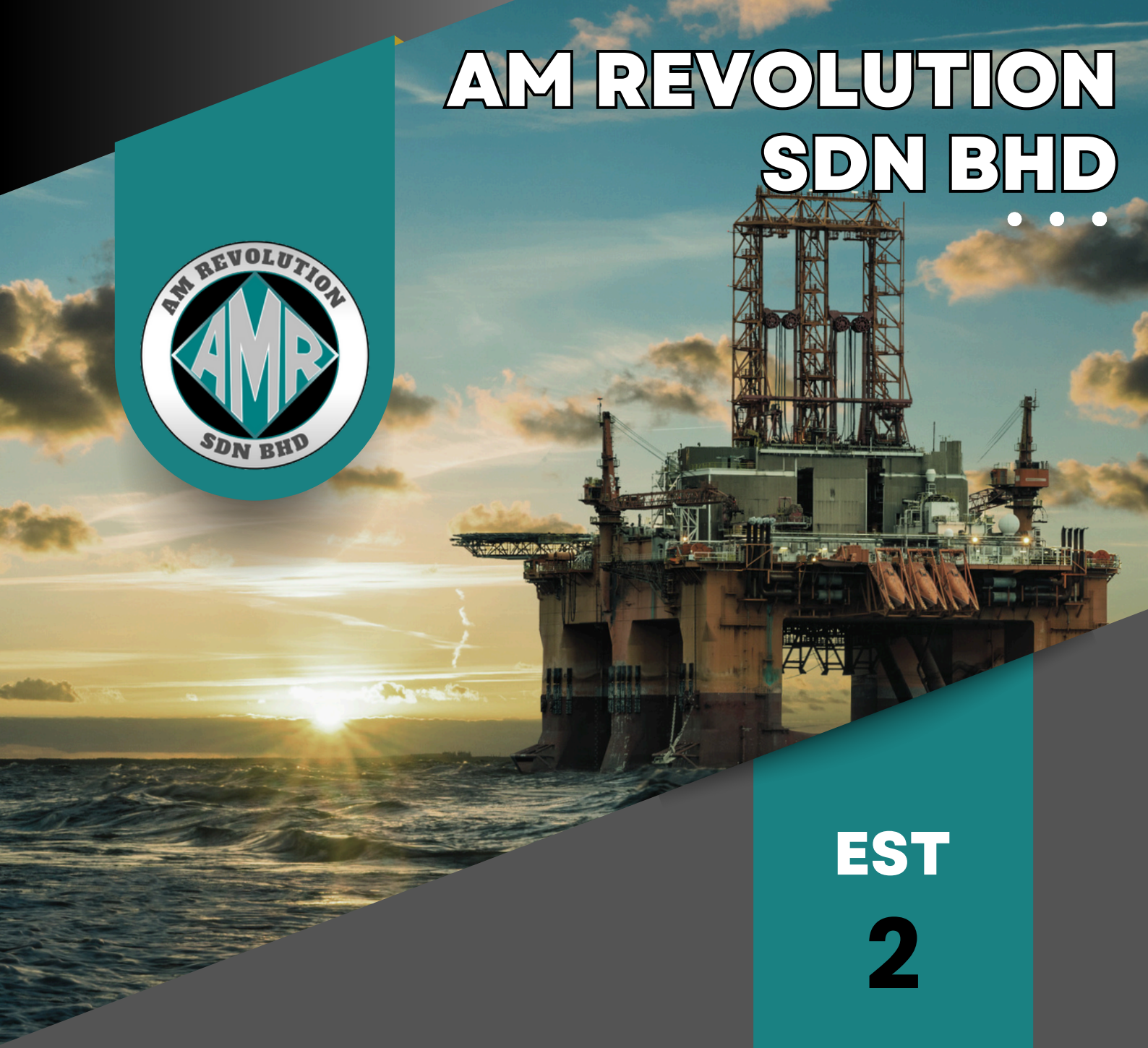
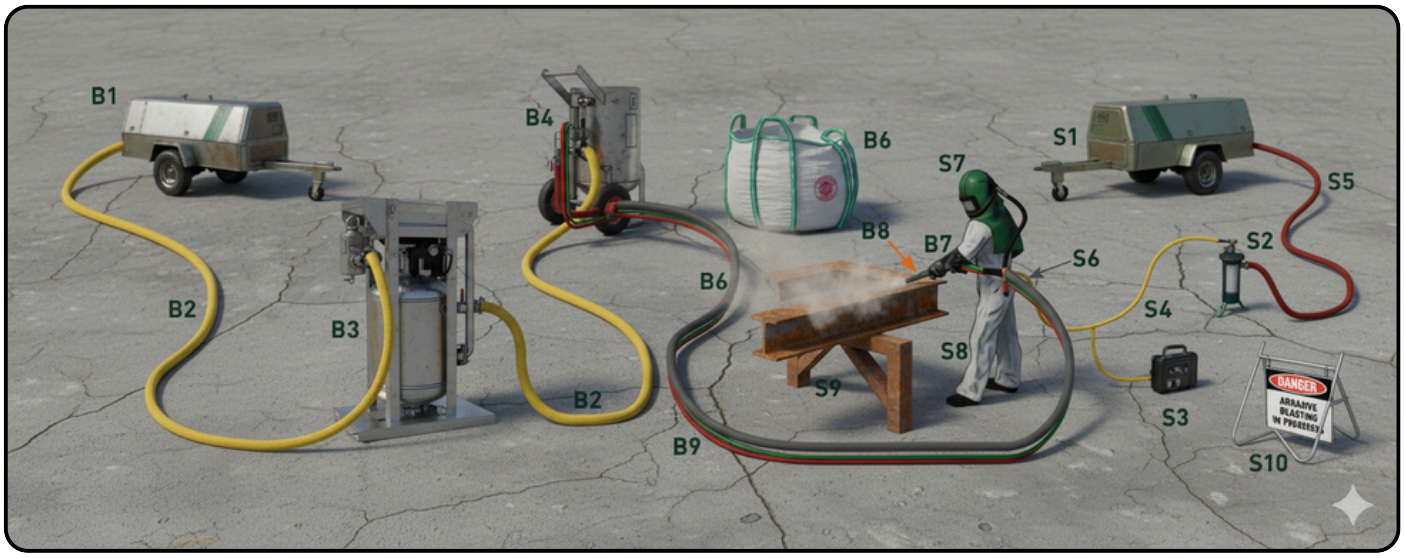
AM REVOLUTION SDN BHD



EST 2022

PRODUCT CATALOG

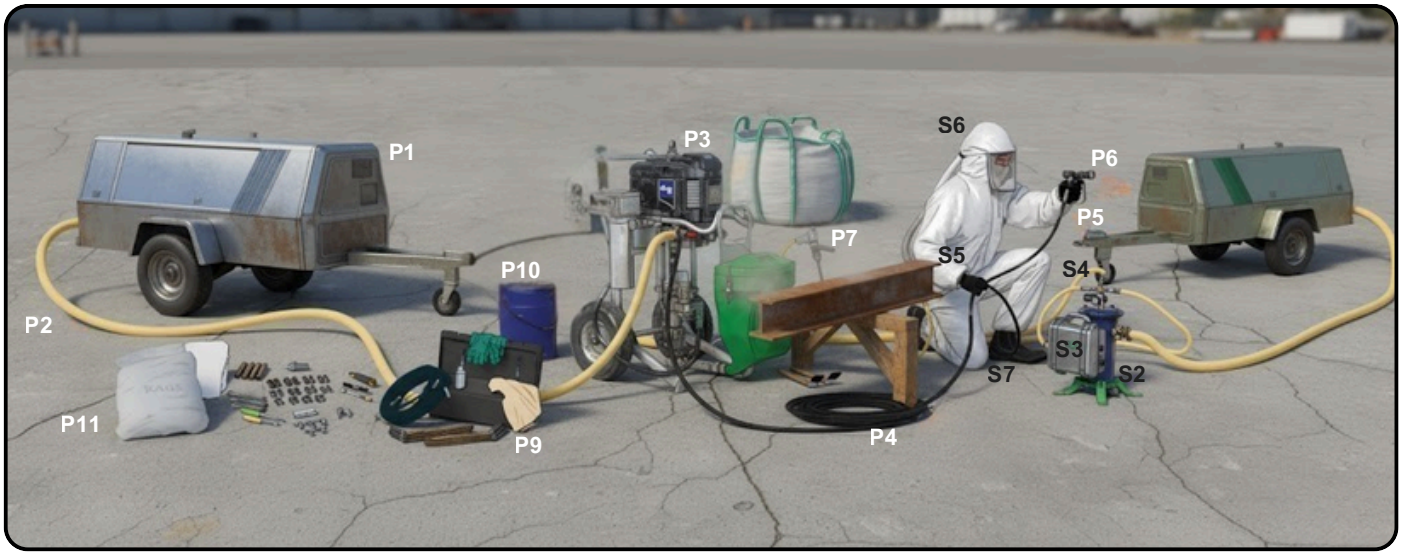


BLAST COMPONENTS

- B1 AIR COMPRESSOR
- B2 AIR SUPPLY HEAVY DUTY HOSE
- B3 AIR MOISTURE CONTROL
- B4 BLAST MACHINE
- B5 BLAST ABRASIVE
- B6 BLAST HOSE
- B6 REMOTE CONTROL HANDLE
- B8 BLAST NOZZLE
- B9 DEADMAN HOSE

OPERATOR SAFETY COMPONENTS

- S1 BREATHING AIR SOURCE
- S2 BREATHING AIR FILTER
- S3 CARBON MONOXIDE MONITOR OR CONVERTER MONITOR
- S4 BREATHING AIR LINE
- S5 AIRLINE BREATHING AIR
- S6 FATIGUE MANAGEMENT AND NOXIOUS GAS PROTECTION
- S7 BLAST HELMET (RESPIRATOR)
- S8 OTHER PROTECTIVE CLOTHING
- S9 WORK HAZARDS
- S10 WARNING SIGNS AND BARRIERS



PAINT COMPONENTS

- P1 AIR COMPRESSOR
- P2 PAINT AIR SUPPLY HOSE
- P3 PAINT PUMP
- P4 PAINT LINE
- P5 PAINT LINE WHIP HOSE
- P6 SPRAY GUN
- P7 REVERSIBLE AIR DRILL AND MIXER / STIRRER
- P8 DRUM(S) FOR MIXING PAINT
- P9 PAINTER'S TOOL BOX
- P10 EXTRA DRUM
- P11 BAG OF RAGS

OPERATOR SAFETY COMPONENTS

- S1 BREATHING AIR SOURCE
- S2 BREATHING AIR FILTER
- S3 CO MONITOR AND ALARM
- S4 BREATHING AIR LINE
- S5 CLIMATE CONTROL TUBES
- S6 AIR FED HOOD
- S7 OTHER PROTECTIVE CLOTHING AND EQUIPMENT
- S8 WORK HAZARDS

BLAST PACKAGES

RENTAL - BLAST SYSTEM PACKAGES

Build a package to suit your requirements

Select your Blast Machine



Then add these products to make up your package.

Package A: Moisture Separator, Deadman Controls, Blast Hose, Twinline Hose, and Nozzle








Package B: Package B plus Operator Safety Equipment




Package C: Package C plus PPE and Spare Parts




1.0 cu ft Blast Machine

3.5 cu ft Blast Machine

6.5 cu ft Blast Machine

Specification	100 lbs (1.0 cu ft)	300 lbs (3.5 cu ft)	600 lbs (6.5 cu ft)
Tank Capacity	100 lbs (45 kg)	300 lbs (136 kg)	600 lbs (272 kg)
Working Pressure	7–10.5 bar (100–152 psi)	7–10.5 bar (100–152 psi)	7–10.5 bar (100–152 psi)
Air Consumption	250–390 CFM (7–11 m³/min)	400–600 CFM (11–17 m³/min)	700–950 CFM (20–27 m³/min)
Abrasive Type	Garnet, Steel Grit, Glass Bead, Aluminium Oxide	Garnet, Steel Grit, Glass Bead, Aluminium Oxide	Garnet, Steel Grit, Glass Bead, Aluminium Oxide
Nozzle Size Range	3–8 mm	4–10 mm	6–12 mm
Blasting Rate	15–25 m²/hr	25–40 m²/hr	40–65 m²/hr
Surface Profile	50–100 µm	75–120 µm	100–150 µm
Air Inlet Size	1" NPT	1¼" NPT	1½" NPT
Abrasive Outlet Size	1¼" NPT	1¼" NPT	1½" NPT
Dimensions (L×W×H)	660 × 500 × 1,050 mm	750 × 600 × 1,200 mm	900 × 700 × 1,400 mm
Weight (Empty)	70 kg	120 kg	180 kg
Power Source	Compressed Air		
Application	Small area blasting & touch-up	Medium surface preparation	Large-scale surface preparation

Air Compressor 390 CFM

Air Compressor 400 CFM

Air Compressor 890 CFM

Specification	390 CFM	400 CFM	890 CFM
Air Delivery	390 CFM (11 m³/min)	400 CFM (11.3 m³/min)	890 CFM (25 m³/min)
Working Pressure	10.5 bar (152 psi)	10 bar (145 psi)	10.5 bar (152 psi)
Compressor Type	Rotary Twin Screw, Single Stage, Oil-Cooled	Rotary Twin Screw, Single Stage, Oil-Cooled	Rotary Twin Screw, Two Stage, Oil-Cooled
Engine Type	4-Cylinder, Direct Injection Diesel	4-Cylinder, Water-Cooled Diesel	6-Cylinder, Turbocharged Diesel
Engine Power	90 HP (67 kW)	100 HP (75 kW)	250 HP (186 kW)
Fuel Tank Capacity	120 L	130 L	250 L
Discharge Outlet	2 × 1¼"	2 × 1¼"	2 × 2"
Noise Level	≤ 76 dB(A)	≤ 76 dB(A)	≤ 78 dB(A)
Weight (Approx.)	2,070 kg	2,100 kg	3,850 kg
Dimensions (L×W×H)	4,370 × 1,950 × 2,355 mm	4,500 × 1,950 × 2,350 mm	5,200 × 2,100 × 2,300 mm
Cooling System	Air & Oil Cooled	Air & Oil Cooled	Air & Oil Cooled
Starting System	Electric Start	Electric Start	Electric Start
Mobility	Skid or Towable	Skid or Towable	Skid or Towable
Application	Blasting, Painting & Pneumatic Tools	Blasting, Painting & Pneumatic Tools	Heavy-Duty Industrial & Offshore Operations


BLASTING CHAM

Specification			
System Type	Dry / Mist Hybrid Blasting System	Dual-Nozzle Wet & Dry Hybrid Blasting System	Vapour / Slurry Blasting (Green Technology)
Pot Capacity	6.5 cu ft (available single or dual outlet)	6.5 cu ft (single) / 6.5 cu ft (dual outlet)	6.5 cu ft certified pot
Water Supply	50-gallon on-board tank (combo skid)	80-gallon (single) / 165-gallon (dual)	20-gallon on-board tank
Operating Pressure	Up to 150 psi	Adjustable 5–120 psi	25–120 psi
Air Requirement	Approx. 250–375 CFM	Standard industrial compressor (varies by setup)	Minimum 185 CFM
Media Consumption	Adjustable; ~1 pint/min water in mist mode	Precise metering with Thompson® II valve	150–250 lb/hr per nozzle; 70–90% media savings
Dimensions (L×W×H)	48″ × 48″ × 58″ (122 × 122 × 147 cm)	87″ × 38″ × 65″ (221 × 97 × 165 cm)	62″ × 48″ × 56″ (157 × 122 × 142 cm)
Weight (Approx.)	~940 kg (combo skid)	385–612 kg (single/dual)	—
Surface Profile	Depends on media	Up to 4 mils	0–4 mils
Blast Modes	Dry Blast / Mist Blast / Wash Down / Blow Down	Wet / Dry / Softwash / Blowoff (independent per outlet)	Vapour blast (adjustable slurry flow)
Special Features	Water injected after metering valve; quick mode change	Dual independent outlets; precision media control	Eco-friendly, low dust; pneumatic operation (optional 12 V)
Construction	Heavy-duty blast pot with moisture-resistant valves	Industrial-grade dual outlet with integrated control panel	Welded steel, galvanized & powder-coated frame

IBIX 9 H2O

IBIX 25 H2O

Specification	IBIX 9 H2O	IBIX 25 H2O
Tank Capacity	9 liters (0.3 cu ft)	25 liters (0.9 cu ft)
Working Pressure	2–8 bar (29–116 psi)	2–8 bar (29–116 psi)
Blasting Mode	Dry or Vapor (H2O Mode)	Dry or Vapor (H2O Mode)
Air Consumption	250–350 L/min	500–800 L/min
Abrasive Type	Garnet, Glass Bead, Crushed Glass, Calcium Carbonate	Garnet, Glass Bead, Crushed Glass, Calcium Carbonate
Nozzle Size Range	2–4 mm	2–5 mm
Blasting Rate	3–8 m²/hr	8–20 m²/hr
Surface Profile	25–80 µm	50–100 µm
Water Injection System	Integrated H2O mist control	Integrated H2O mist control
Air Inlet Size	¼" Quick Connect	½" Quick Connect
Weight (Empty)	18 kg	23 kg
Dimensions (L×W×H)	300 × 300 × 500 mm	400 × 400 × 700 mm
Power Source	Compressed Air + Water Supply	Compressed Air + Water Supply
Material	Aluminium alloy pressure vessel	Aluminium alloy pressure vessel
Mobility	Portable handheld unit	Wheeled frame for mobility
Features	• Compact design • Low air & water consumption • Adjustable mist control	• Higher capacity for larger jobs • Consistent pressure control • Easy to operate
Application	Small surface cleaning, restoration, precision work	Medium-to-large surface cleaning, industrial maintenance

Vacuum Recovery System

Specification	Details
Model Type	Portable Dust Collector
Compressed Air Required	120 psi (8.3 bar)
Air Consumption	350 CFM (9.9 m^3/min)
Electrical Power Required	Not required
Dust Collector Size	1 Cartridge
Filtration Area	226 sq.ft (21 m^2)
Cleaning System	Automatic Reverse Pulse Cleaning
Conveying Capacity (Garnet)	2 ton/hour
Vacuum Hose Size	3”
Dimensions (L × W × H)	72” × 35” × 72” (1800 × 890 × 1800 mm)
Weight (Empty)	Approx. 75–100 kg
Power Source	Compressed Air
Material Construction	Heavy-duty steel body with powder-coated finish
Mobility	Mounted with wheels and handle for easy movement
Features	• Automatic pulse filter cleaning • Compact and portable • No electrical power required
Application	Designed for use with blasting machines to remove dust and fine particles

Ventilation Fan

Description	Electric 240 Volt 50 Hz Ventilation Fan	Electric 415 Volt 50 Hz Ventilation Fan	Air Powered Ventilation Fan	Electric Ventilation Fan 'EX' rated (Explosion Proof) – Zone 1	Electric Ventilation Fan 'EX' rated (Explosion Proof) – Zone 2
Motor Rating (kW / hp)	2.2 kW	4 kW	5 hp (air motor)	4 kW	
Current (A)	9.8	7.5	–	7.5	
Power Supply	240 V 50 Hz Single-Phase	240 V 50 Hz Single-Phase	175 cfm @ 100 psi (air)	415 V 50 Hz Three-Phase	415 V 50 Hz Three-Phase
Fan Diameter (mm)	490				
Number of Blades	5				
Air Capacity (cfm)	6,800	9,200	9,500	9,200	
Weight (kg)	100	120	90	130	
Sound Level (dB(A) @ 3 m)	94	105	94		

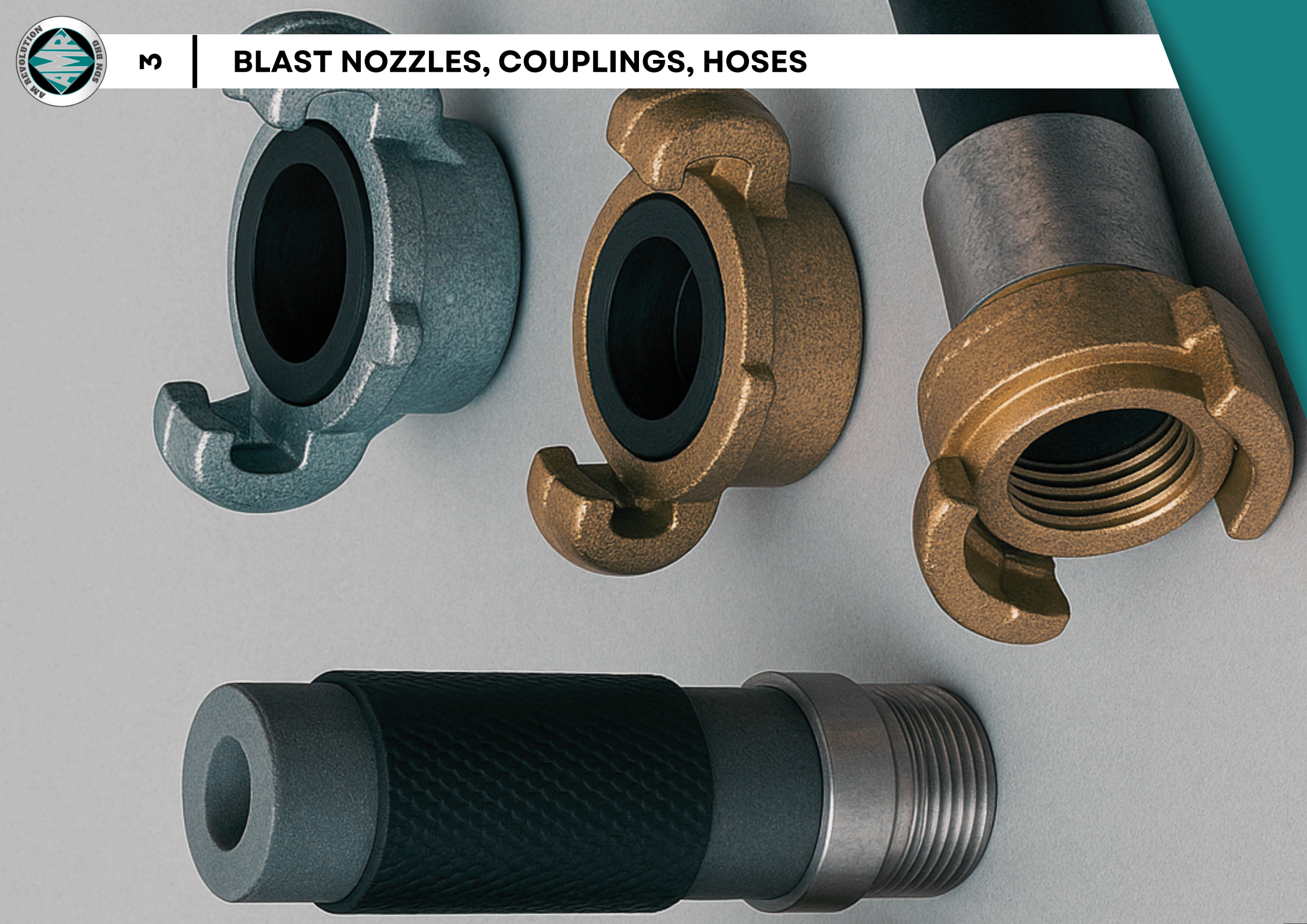
Accessories Available

DUCT JOINERS & DUST CLAMP

DUST SOCK

FLEXIBLE DUCTING

BLAST NOZZLES, COUPLINGS, HOSES



Tungsten Carbide (TC) + Aluminium

Thread / Connection	Blast Nozzle Type	Key Features	Typical Use
Coarse Thread 50 mm	Tungsten Carbide Nozzle with Aluminium Jacket	Lightweight, impact-resistant jacket	High-pressure abrasive blasting

Tungsten Carbide (TC)

Thread / Connection	Blast Nozzle Type	Key Features	Typical Use
Fine Thread 3/4″	CT-Nozzle (TC) Fine Thread	Compact and precise fit	Light to medium-duty blasting
Coarse Thread 25 mm	CT-Nozzle (TC) Coarse Thread	Strong thread for heavy-duty use	Industrial blasting

Boron Carbide (BC)

Thread / Connection	Blast Nozzle Type	Key Features	Typical Use
Fine Thread 3/4″	Boron Carbide Nozzle Fine Thread	High wear resistance	Long-duration blasting jobs
Coarse Thread 25 mm	Boron Carbide Nozzle Coarse Thread	Resistant to abrasive wear	High-performance blasting

SHORT Tungsten Carbide Blast Nozzle

- Best performance is obtained when sizes of nozzle, blast machine piping, blast hose and air hose are properly matched.
- m³/min and CFM range is based on blasting at 7 bar (100 psi) for the life of the
- Blast machine capacity should allow 20 to 30 minutes of blasting.
- Hose ID should be three to four times the size of the nozzle

Description	Orifice	Length	Inlet
2 TC Nozzle with fine 26 mm thread	3.2 mm	45 mm	13 mm
3 TC Nozzle with fine 26 mm thread	4.8 mm	45 mm	13 mm
4 TC Nozzle with fine 26 mm thread	6.5 mm	45 mm	13 mm
5 TC Nozzle with fine 26 mm thread	8.0 mm	45 mm	13 mm
6 TC Nozzle with fine 26 mm thread	9.5 mm	45 mm	13 mm
8 TC Nozzle with fine 26 mm thread	13.0 mm	45 mm	13 mm
2 TC Nozzle with large 28 mm thread	3.2 mm	45 mm	13 mm
3 TC Nozzle with large 28 mm thread	4.8 mm	45 mm	13 mm
4 TC Nozzle with large 28 mm thread	6.5 mm	45 mm	13 mm
5 TC Nozzle with large 28 mm thread	8.0 mm	45 mm	13 mm
6 TC Nozzle with large 28 mm thread	9.5 mm	45 mm	13 mm
8 TC Nozzle with large 28 mm thread	13.0 mm	45 mm	13 mm

NOZZLE PRESSURE / NOZZLE DIAMETER GUIDE

ORIFICE (mm) (")	60 PSI	4.2 BAR	70 PSI	4.9 BAR	80 PSI	5.6 BAR	90 PSI	6.3 BAR	100 PSI	7.0 BAR	120 PSI	8.5 BAR			
5.0 mm 3/16"	30.0 171.0 7	0.85 77.00 5.3	33.0 196.0 8	0.93 89.00 5.6	38.0 216.0 9	1.08 96.00 6.4	41.0 238.0 10	1.16 108.00 7.1	45.0 264.0 10	1.27 120.00 7.5	58.0 375.0 12	1.64 170.00 9.0	REQUIRED AIR REQUIRED ABRASIVE REQUIRED POWER	CFM Lbs./hr. hp	m³/min KG/hr. * kw
6,5 mm 4/16"	54.0 312.0 12	1.53 141.00 9.0	61.0 354.0 14	1.73 160.00 10.1	68.0 408.0 16	1.93 185.00 11.6	74.0 448.0 17	2.10 203.00 12.4	81.0 494.0 18	2.29 224.00 13.5	105.0 660.0 22	2.97 300.00 16.2	REQUIRED AIR REQUIRED ABRASIVE REQUIRED POWER	CFM Lbs./hr. hp	m³/min KG/hr. * kw
8.0 mm 5/16"	89.0 534.0 20	2.52 242.00 15.0	101.0 604.0 23	2.86 274.00 19.1	113.0 672.0 26	3.20 305.00 20.2	126.0 740.0 28	3.57 335.00 21.0	137.0 850.0 31	3.88 385.00 22.9	160.0 1.050.0 37	4.53 476.00 27.5	REQUIRED AIR REQUIRED ABRASIVE REQUIRED POWER	CFM Lbs./hr. hp	m³/min KG/hr. * kw
9.5 mm 6/16"	126.0 764.0 28	3.57 346.00 21.0	143.0 864.0 32	4.05 392.00 24.0	161.0 960.0 36	4.56 425.00 27.0	173.0 1.052.0 39	4.90 477.00 28.9	196.0 1.152.0 44	5.55 523.00 33.0	235.0 1.475.0 52	6.65 669.00 39.6	REQUIRED AIR REQUIRED ABRASIVE REQUIRED POWER	CFM Lbs./hr. hp	m³/min KG/hr. * kw
11.0 mm 7/16"	170.0 1.032.0 38	4.81 468.00 28.5	184.0 1.176.0 44	5.21 533.00 32.6	217.0 1.312.0 49	6.14 595.00 36.4	240.0 1.448.0 54	6.80 657.00 40.1	254.0 1.584.0 57	7.19 719.00 42.4	315.0 2.050.0 69	8.92 930.00 50.9	REQUIRED AIR REQUIRED ABRASIVE REQUIRED POWER	CFM Lbs./hr. hp	m³/min KG/hr. * kw
12.5 mm 8/16"	224.0 1.336.0 50	6.34 606.00 37.5	252.0 1.512.0 56	7.14 686.00 42.0	280.0 1.680.0 63	7.93 762.00 46.9	309.0 1.856.0 69	8.75 842.00 51.8	338.0 2.024.0 75	9.57 918.00 56.3	410.0 2.650.0 90	11.61 1.202.00 67.6	REQUIRED AIR REQUIRED ABRASIVE REQUIRED POWER	CFM Lbs./hr. hp	m³/min KG/hr. * kw

COMPATIBILITY GUIDE

No.	Nozzle Orifice	Recommended range		Minimum Blast Machine capacity	Minimum Pipe ID	Blast Hose ID	Minimum Air Hose ID
		m³/min	CFM				
3	5.0 mm	1.27 - 2.29	45 - 81	60 ltr.	1"	¾"	1"
4	6.5 mm	2.29 - 3.88	81 - 137	60 ltr.	1"	1" - 1¼"	1¼"
5	8.0 mm	3.88 - 5.55	137 - 196	100 ltr.	1"	1" - 1¼"	1¼"
6	9.5 mm	5.55 - 7.19	196 - 254	200 ltr.	1¼"	1¼"	1½"
7	11.0 mm	7.19 - 9,57	254 - 338	200 ltr.	1¼"	1¼" - 1½"	2"
8	12.5 mm	9.57 - 15.52	338 - 548	200 ltr.	1¼"	1½"	2"

LONG Tungsten Carbide Blast Nozzle

- The standard size thread of the nozzle is 50 mm, which is indicated by /50 in the Airblast article, without this indication the nozzle has a fine thread of 41 mm.

Description	Orifice	Length	Inlet
3 TC Nozzle with fine thread	4.8 mm	135 mm	25 mm
4 TC Nozzle with fine thread	6.4 mm	135 mm	25 mm
5 TC Nozzle with fine thread	8.0 mm	145 mm	25 mm
6 TC Nozzle with fine thread	9.5 mm	170 mm	25 mm
7 TC Nozzle with fine thread	11.0 mm	200 mm	25 mm
8 TC Nozzle with fine thread	13.0 mm	230 mm	25 mm
4 TC Nozzle with fine thread	6.4 mm	135 mm	32 mm
5 TC Nozzle with fine thread	8.0 mm	145 mm	32 mm
6 TC Nozzle with fine thread	9.5 mm	170 mm	32 mm
7 TC Nozzle with fine thread	11.0 mm	200 mm	32 mm
8 TC Nozzle with fine thread	13.0 mm	230 mm	32 mm
10 TC Nozzle with fine thread	16.0 mm	230 mm	32 mm
12 TC Nozzle with fine thread	19.0 mm	230 mm	32 mm
3/50 TC Nozzle with large thread	4.8 mm	135 mm	25 mm
4/50 TC Nozzle with large thread	6.4 mm	135 mm	25 mm
5/50 TC Nozzle with large thread	8.0 mm	145 mm	25 mm
6/50 TC Nozzle with large thread	9.5 mm	170 mm	25 mm
7/50 TC Nozzle with large thread	11.0 mm	200 mm	25 mm
8/50 TC Nozzle with large thread	13.0 mm	230 mm	25 mm
4/50 TC Nozzle with large thread	6.4 mm	135 mm	32 mm
5/50 TC Nozzle with large thread	8.0 mm	145 mm	32 mm
6/50 TC Nozzle with large thread	9.5 mm	170 mm	32 mm
7/50 TC Nozzle with large thread	11.0 mm	200 mm	32 mm
8/50 TC Nozzle with large thread	13.0 mm	230 mm	32 mm
10/50 TC Nozzle with large thread	16.0 mm	230 mm	32 mm
12/50 TC Nozzle with large thread	19.0 mm	230 mm	32 mm

ORIFICE (mm) (")	NOZZLE PRESSURE / NOZZLE DIAMETER GUIDE														
	60 PSI	4.2 BAR	70 PSI	4.9 BAR	80 PSI	5.6 BAR	90 PSI	6.3 BAR	100 PSI	7.0 BAR	120 PSI	8.5 BAR			
5.0 mm 3/16"	30.0 171.0 7	0.85 77.00 5.3	33.0 196.0 8	0.93 89.00 5.6	38.0 216.0 9	1.08 96.00 6.4	41.0 238.0 10	1.16 108.00 7.1	45.0 264.0 10	1.27 120.00 7.5	58.0 375.0 12	1.64 170.00 9.0	REQUIRED AIR REQUIRED ABRASIVE REQUIRED POWER	CFM Lbs./hr. hp	m³/min KG/hr. * kw
6,5 mm 4/16"	54.0 312.0 12	1.53 141.00 9.0	61.0 354.0 14	1.73 160.00 10.1	68.0 408.0 16	1.93 185.00 11.6	74.0 448.0 17	2.10 203.00 12.4	81.0 494.0 18	2.29 224.00 13.5	105.0 660.0 22	2.97 300.00 16.2	REQUIRED AIR REQUIRED ABRASIVE REQUIRED POWER	CFM Lbs./hr. hp	m³/min KG/hr. * kw
8.0 mm 5/16"	89.0 534.0 20	2.52 242.00 15.0	101.0 604.0 23	2.86 274.00 19.1	113.0 672.0 26	3.20 305.00 20.2	126.0 740.0 28	3.57 335.00 21.0	137.0 850.0 31	3.88 385.00 22.9	160.0 1.050.0 37	4.53 476.00 27.5	REQUIRED AIR REQUIRED ABRASIVE REQUIRED POWER	CFM Lbs./hr. hp	m³/min KG/hr. * kw
9.5 mm 6/16"	126.0 764.0 28	3.57 346.00 21.0	143.0 864.0 32	4.05 392.00 24.0	161.0 960.0 36	4.56 425.00 27.0	173.0 1.052.0 39	4.90 477.00 28.9	196.0 1.152.0 44	5.55 523.00 33.0	235.0 1.475.0 52	6.65 669.00 39.6	REQUIRED AIR REQUIRED ABRASIVE REQUIRED POWER	CFM Lbs./hr. hp	m³/min KG/hr. * kw
11.0 mm 7/16"	170.0 1.032.0 38	4.81 468.00 28.5	184.0 1.176.0 44	5.21 533.00 32.6	217.0 1.312.0 49	6.14 595.00 36.4	240.0 1.448.0 54	6.80 657.00 40.1	254.0 1.584.0 57	7.19 719.00 42.4	315.0 2.050.0 69	8.92 930.00 50.9	REQUIRED AIR REQUIRED ABRASIVE REQUIRED POWER	CFM Lbs./hr. hp	m³/min KG/hr. * kw
12.5 mm 8/16"	224.0 1.336.0 50	6.34 606.00 37.5	252.0 1.512.0 56	7.14 686.00 42.0	280.0 1.680.0 63	7.93 762.00 46.9	309.0 1.856.0 69	8.75 842.00 51.8	338.0 2.024.0 75	9.57 918.00 56.3	410.0 2.650.0 90	11.61 1.202.00 67.6	REQUIRED AIR REQUIRED ABRASIVE REQUIRED POWER	CFM Lbs./hr. hp	m³/min KG/hr. * kw

Blasting hose

- Superior quality, lightweight and highly flexible
- Anti-static, natural rubber liner
- Rated to minimum 175 psi - 3:1 safety factor
- Robust TuffRap™ outer cover
- Available in 50 ft, 100 ft and 20 m coils
- Fit with your choice of nozzle holder and couplings – specify required fittings

Heavy Duty Blast Hose

- High quality, long lasting
- Thick, anti-static, natural rubber liner
- Rated to minimum 175 psi - 3:1 safety factor
- Robust TuffRap™ outer cover
- Recommended for use as an extension hose
- Available in 50 ft, 100 ft and 20 m coils

Air Hose

- Rated to 145 psi 3:1 safety factor
- Only recommended for infrequent use
- Thick anti-static, natural rubber liner
- Available in 50 ft and 20 m lengths

Brass Blast Hose Quick Coupling

- Supplied with HF GMRL gasket fitted
- Standard claw, standard bore coupling – compatible with other standard couplings

Aluminium Blast Hose Quick Coupling

- Supplied with HF GMRL gasket fitted
- Standard claw, standard bore coupling – compatible with other standard couplings

Nylon Blast Hose Quick Coupling

- Supplied with HF GPCG series coupling gasket fitted
- Integral springlock pin
- Standard claw, standard bore coupling – compatible with other standard couplings

Steel Blast Hose Quick Coupling

- Supplied with HF GMRL gasket fitted
- Standard claw, standard bore coupling – compatible with other standard couplings

Brass Nozzle Holder with 2” UNC (50mm) Contractor Thread

- Use HF SCR4 coupling screws – not included
- Use HF GFBL nozzle washer – not included

Brass Nozzle Holder with 1 ¼” NPSM (32mm) Fine Thread

- Use HF SCR4 coupling screws – not included
- Use HF GFBM nozzle washer – not included

Aluminum Nozzle Holder with 2” UNC (50mm) Contractor Thread

- Use HF SCR2 coupling screws – not included
- Use HF GFBL nozzle washer – not included

Aluminium Nozzle Holder with 1 ¼” NPSM (32mm) Fine Thread

- Use HF SCR4 coupling screws – not included
- Use HF GFBM nozzle washer – not included
- Use HF ANHE1F for blow down hose adaptor

Aluminium Nozzle Holder with ¾” NPSM (20mm) Medium Thread

- 3/4” NPSM (20 mm) thread
- Use HF SCR-2 coupling screws – not included
- Use HF GFBS nozzle washer – not included

Nylon Nozzle Holder – with 2” UNC 50mm Contractor Thread

- 50 mm (2” UNC) Contractor coarse thread
- Use HF G25 or 32 Series nozzle washer – not included
- Coupling screws not included – purchase separately
- Use HF SCR-2 coupling screws for HF PNH-3/4
- Use HF SCR-4 coupling screws for other HF PNH sizes

Nylon Nozzle Holder – with 1 ¼” NPSM (32mm) Fine Thread

- 1 1/4” (32 mm) NPSM Fine Industrial thread
- Use HF GFBM nozzle washer – not included
- Use HF SCR-4 coupling screws – not included

Quick Couple Nylon Nozzle Holder

- Enables extension blast hose to be used as a nozzle end
- Supplied with HF GPCG-3 gasket fitted
- Integral spring lock pin
- Standard claw, standard bore connector – compatible with other standard couplings

Nozzle Washers for Standard Nozzle Holders

- Supplied in packs of ten
- HF GFBL suits HF ANH, HF BNH Contractor thread nozzle holders
- HF GFBM suits all 1 ¼” NPSM (32 mm) Fine thread nozzle holders
- HF GFBM can also be used in HF ANH, HF BNH standard bore metallic nozzle holders with 25 mm (1”) entry nozzles

Nozzle Washers for ‘M’ Thread Nozzle Holders

- Supplied in packs of ten
- Suits ¾” NPSM (20 mm) ‘M’ thread nozzle holders

Nozzle Washers for Nylon Nozzle Holders

- Supplied in packs of ten
- Suits all nylon nozzle holders
- Use the special tapered bore gasket when using a 1” (25 mm) narrow entry nozzle with a 32 mm (1 ¼”) bore – or larger blast hose.

Whipcheck Safety Cable

- Cable suits hoses ½” to 2 ½” (15 mm to 60 mm) OD
- Cable suits hoses 2” to 3 ½” (45 mm to 90 mm) OD

Webbing Whipcheck

- Nylon webbing whipchecks – easier to install, less damaging to hose and will provide a longer service life

Hose Restraint Stocking and Safety Chain

- Hose restraint stockings are designed to be permanently installed on the hose before assembly – recommended for use when using high pressures

Machine to Hose Whipcheck

- Machine to hose whipchecks are used to secure hoses to air compressors, AirPreps, blast machines etc. The smaller end is often attached to a welded lug on the machine using d-shackles

Steel Threaded Blast Quick Coupling

- Supplied with HF GMRL gasket fitted
- Use thin type lock pins – not included
- Standard claw, standard bore coupling – compatible with other standard couplings

Aluminium Threaded Blast Quick Coupling

- Supplied with HF GMRL gasket fitted
- Use thin type lock pins – not included

Brass Threaded Blast Quick Coupling

- Supplied with HF GMRL gasket fitted
- Can also be fitted with optional urethane high pressure gasket
- Use thin type lock pins – not included
- Standard claw, standard bore coupling – compatible with other standard couplings

Nylon Threaded Blast Quick Coupling

- Supplied with gasket fitted
- Integral Springlock pin
- Standard claw, standard bore coupling – compatible with other standard couplings

Mega Max Threaded Blast Quick Coupling

- Large bore, full flow, high production coupling
- Supplied with gasket fitted
- Oversize large claw, large bore coupling – not compatible with other coupling types
- Compatible with Mega Max blast hose couplings

Heavy Duty Air Supply Hose

- MegaFlow heavy duty air supply hose Supersynthetic oil resistant liner, durable UV resistant wrapped outer cover
- 300 psi pressure rated with 3:1 safety factor
- Non fitted hose available in coils of 50 ft and 20 m
- Temperature range: -22°F (-30°C) to +158°F (+70°C)
- Nominal hose dimensions only

Breathing Air Hose

- Non-toxic liner for breathing air use
- Complies with all international and NIOSH Standards
- Tough yellow wrap jacket with crisp external markings
- 3/8” (10 mm) ID bore
- Use with threaded nut & tail fittings or approved safety double-action breathing airline quick connects
- Rated up to 350 psi working pressure
- Standard supplied lengths are 50 ft, 20 m and bulk 100 ft (30 m) coils
- Do not use ordinary Ryco, Nitto style quick connects

Plug Female Threaded Coupler

- Material: Stainless Steel / Brass (Non-corrosive)
- Thread Type: Female BSPT / NPT
- Size: 1/4"
- Working Pressure: Up to 150 psi (10 bar)
- Connection Type: Plug (male insert type)
- Application: Connection for air breathing systems and helmets

Socket Female Threaded Quick Coupler

- Material: Stainless Steel / Brass (Non-corrosive)
- Thread Type: Female BSPT / NPT
- Size: 1/4"
- Working Pressure: Up to 150 psi (10 bar)
- Connection Type: Quick connect (socket type)
- Application: Safe air supply connection for respirators and air-fed helmets

TERA Abrasive Metering Valve

- Diaphragm-activated piston provides smother action for improved valve life
- Rugged stainless steel body with XL technology for long service life
- 6” clearance makes it easy to convert automatic blowdown pots
- Requires minimum of 75 psi to use

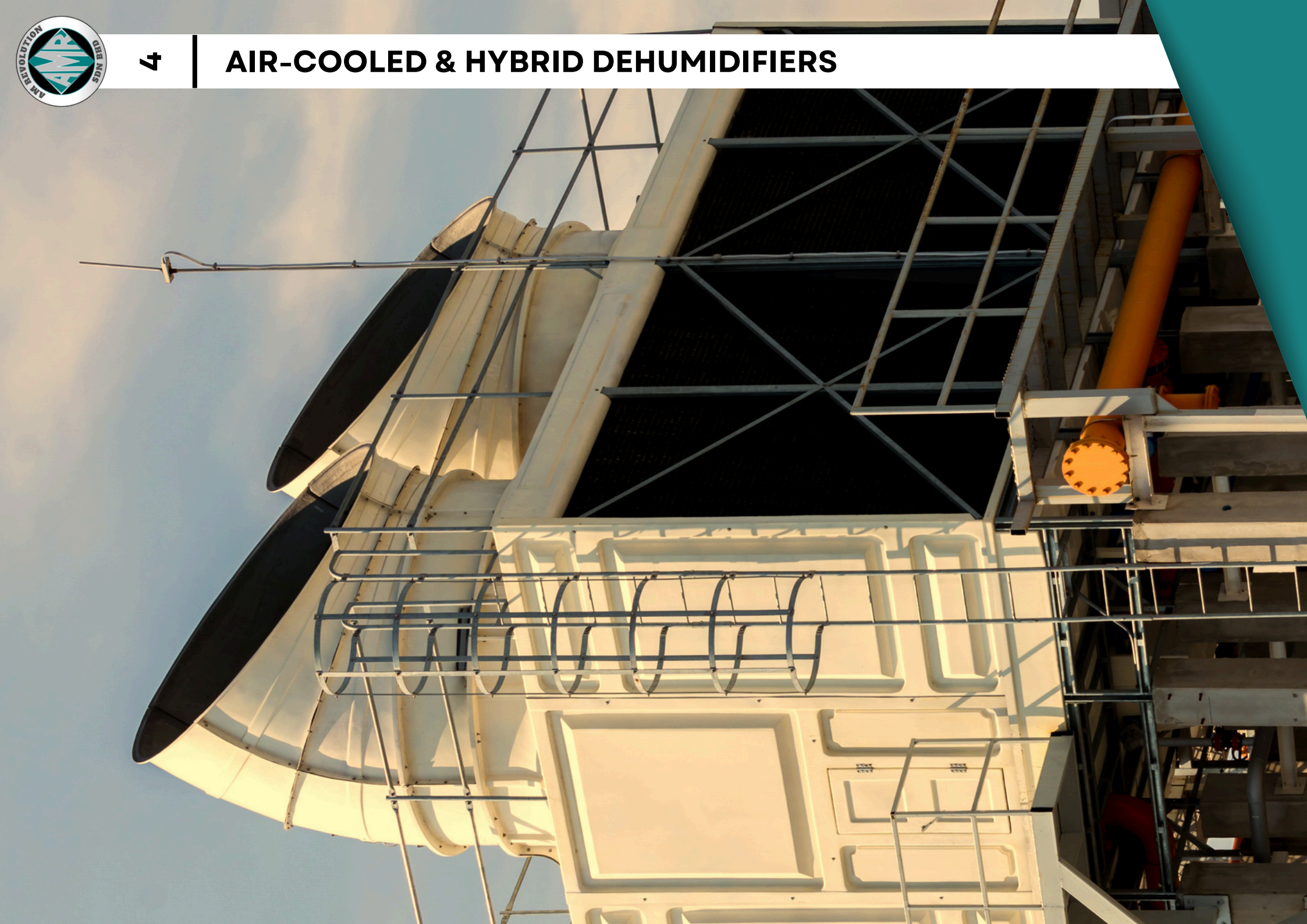
Response Pneumatic Remote Control Handle (Deadman Control)

- Compact, slimline design
- Light handle action – easy to hold down
- Use with all twinline pneumatic remote control systems
- 1/4” (6 mm) (supply) x 1/8” (3 mm) (return) threaded connectors

Twinline Pneumatic Remote Control Hose

- Bonded, heavy duty, twin rubber hose, color coded for safety
- Fitted standard with male-female threaded connectors
- 1/4” (6 mm) connectors on ‘supply’ red hose a) FBTN0304 Female Nut & Tail, 3/16” tail x 1/4” BSPF b) FBTT0304 Male Hosetail, 3/16” x 1/4”BSPM
- 1/8” (3 mm) connectors on ‘return’ green hose a) FBTN0302 Female Nut & Tail, 3/16” tail x 1/8” BSPF b) FBTT0302 Male Hosetail 3/16” x 1/8” BSPM

AIR-COOLED & HYBRID DEHUMIDIFIERS



Aftercooler System (ACS)

- Air Flow Capacity: 400 CFM
- Connection Size: 5 inch
- Cooling Method: Air-cooled with pneumatic fan
- Operating Pressure: Up to 10 bar
- Maximum Inlet Temperature: 100°C
- Cooling Efficiency: Lowers outlet air temperature to within 10–15°C of ambient
- Material: Aluminum finned tubes with steel protective frame
- Fan Type: Pneumatic, direct-driven
- Power Source: Compressed air (no electrical supply needed)
- Filter Type (Optional): Inline moisture separator with auto drain
- Mounting: Skid base for easy mobility and installation

Aftercooler 5" (400 CFM) – Pneumatic Fan Type

- Air Flow Capacity: 400 CFM
- Connection Size: 5 inch
- Cooling Method: Air-cooled with pneumatic fan
- Operating Pressure: Up to 10 bar
- Maximum Inlet Temperature: 100°C
- Cooling Efficiency: Reduces compressed air temperature to within 10–15°C of ambient air
- Material: Aluminum finned tubes with steel frame
- Fan Type: Pneumatic, direct-driven
- Power Source: Compressed air (no electricity required)
- Application: Suitable for portable or field air compressor systems

4-Seasons Air-Cooled Hybrid Dehumidifier 12000 MH

Item	Specification
Type	Air-Cooled Hybrid
Air Flow	12000 m³/h
Static Pressure	≥1800 Pa
Regeneration Air Flow	3500 m³/h
Cooling Capacity	Automatic unloading (25–100%)
Compressor	Refcomp (70 HP, Semi-Closed Screw)
Refrigerant	R22
Power Supply	400V ±10%; 50Hz
Diesel Type	0–35# Diesel

Item	Specification
Oil Tank Volume	1200 L
Heating System	Electric Heater 72 kW (4-step control)
Heat Exchanger	Air-to-Air 90 kW
Dew Point	-10°C to 13°C
Condensate Discharge	280 kg/h (max)
Air Outlet Condition	20–25°C ±3°C / RH ≤45%
Structure	Aluminum + Foam Board
Total Installed Power	≤224 kW
Dimension (L×W×H, mm)	≤5400 × 2350 × 2800
Weight	≤6800 kg
Discharge Outlet	4 × Ø250 mm
Modes	Generator Mode / Electricity Mode

Hybrid Dehumidifier 18000 MH

Item	Specification
Type	Air-Cooled Hybrid Dehumidifier
Power Supply	3 Phase, 415V / 50Hz
Process Air Flow	18000 m³/h
Static Pressure	≥2500 Pa
Compressor	Refcomp, 120 kW
Refrigerant	R134a
Condenser / Evaporator	Copper Tube, Aluminum Fin
Condenser Fans	6 × 3 kW (DZ Motor)
Heating System	Electric Heating 60 kW + 108 kW (Regeneration)

Item	Specification
Desiccant Wheel	Silica Gel, Ø ≥1200 mm, Thickness ≥200 mm
Regenerating Fan	4000 m³/h, 3 kW
Generator	Cummins Power 200 kW (QSL8.9-G4)
Dew Point	5–13°C
Air Outlet Temp	28°C ±3°C / RH 45–55%
Structure	Steel Frame
Control System	PLC + Touch Screen (IP54)
Total Power	298 kW
Dimensions (L×W×H, mm)	≤5800 × 2250 × 3200
Weight	8.5 T
Discharge Outlet	4 × Ø300 mm
Remarks	Siemens PLC / Schneider Components

Hybrid Dehumidifier 18000 MH (Ex-Proof Type)

Item	Specification
Type	Explosion-Proof Hybrid Dehumidifier
Power Supply	3 Phase, 415V / 50Hz
Process Air Flow	18000 m³/h
Static Pressure	≥2500 Pa
Cooling Capacity	298,180 Kcal/hr
Compressor	Refcomp, 120 kW
Refrigerant	R134a
Condenser / Evaporator	Copper Tube + Aluminum Fin (Stainless Frame)
Condenser Fans	6 × 3 kW (Ex-Proof DZ Motor)

Item	Specification
Heating System	Ex-Proof Electric Heater 60 kW + 108 kW (Regeneration)
Desiccant Wheel	Silica Gel, Ø ≥1200 mm, Thickness ≥200 mm
Regenerating Fan	4000 m³/h, 3 kW (Ex-Proof)
Generator	Cummins Power 200 kW (QSL8.9-G4)
Dew Point	5–13°C
Air Outlet Temp	28°C ±3°C / RH 45–55%
Structure	Steel (Stainless)
Control System	PLC + Touch Screen (IP54, Siemens Logic)
Total Power	298 kW
Dimensions (L×W×H, mm)	≤5800 × 2250 × 3200
Weight	8.5 T
Discharge Outlet	4 × Ø300 mm
Remarks	Ex-Proof Distribution Box & Protection System

OPERATOR SAFETY EQUIPMENT

RPB NOVA 3 RPB NOVA 2000 RPB Astro

Specification	RPB Nova 3	RPB Nova 2000	RPB Astro
Type	Supplied-air blasting respirator	Supplied-air blasting respirator	Continuous-flow supplied-air respirator
Shell Material	Engineering-grade nylon	High-density polyethylene (UV stabilized, abrasion resistant)	Polyethylene (injection molded)
Lens / Visor System	Panoramic visor with cassette lens and tear-off system	Tear-off lens system	Flat visor with tear-off film
Head Protection	Integrated hard hat (meets ANSI Z89.1 / EN397)	Integrated hard hat (Type 1, Class C)	Bump cap (light-duty head protection)
Hearing Protection	Built-in noise-reducing padding	Multi-layer sound-dampening padding	Not included (ear muffs recommended)
Cape Options	Nylon, leather, or blast jacket (various lengths)	Nylon, leather, extra-length, or blast jacket	Nylon or leather cape
Protection Factor (APF / NPF)	APF 1000	APF 1000	APF 1000+
Weight	Approx. 1.6 kg	Approx. 1.5 kg	1.28 kg
Operating Temperature	-	-10°C to +60°C	-10°C to +60°C
Certifications	EN14594, EN12941, EN397, ANSI Z87+, ANSI Z89.1, AS/NZS 1716	EN14594, AS/NZS 1716, ANSI Z89.1, ANSI Z87+	EN14594, AS/NZS 1716, NIOSH, CE/UKCA
Key Features	Adjustable internal padding, field-replaceable parts, anti-fog air system, cassette lens for easy replacement	Machine-washable padding, anti-fog airflow design, replaceable parts, flow control options	Lightweight and economical, anti-fog airflow design, replaceable parts, secure cape attachment

Blasting Suit Protective Coveralls

- RPB blast suits have been designed to enhance worker comfort and protect the wearer from abrasive rebound
- The heavy duty breathable cotton back is designed to help keep you cool
- Robust nylon zipper with protective cover
- Heavy duty nylon gives extra protection to the arms and fronts of legs
- Elasticated waist for comfort fit
- Adjustable leg cuff
- Available in 7 sizes: S, M, L, XL, XXL, XXXL, XXXXL

L4 Blast Light for Blasting Helmet Nova 3

- LED's to achieve up to 650 Lumens of light output
- 5 unique light settings so the user can choose what is suitable for the application
- Long lasting rechargeable Li-ion battery

Wireless Communication for Blasting Helmet

- Type: Wireless Communication System for Blasting Helmets
- Function: Enables clear two-way communication in high-noise environments
- Compatibility: Fits most blasting respirator helmets
- Connection: Bluetooth or radio interface (depending on setup)
- Power Source: Rechargeable lithium-ion battery
- Battery Life: Up to 8–10 hours per charge
- Microphone: Noise-cancelling boom mic with push-to-talk button
- Headset Speaker: Integrated for clear audio inside helmet
- Weight: Approximately 250 g

Breathing Airline Filter

- Type: Supplied Air Filtration System
- Working Pressure: 125 psi (8.6 bar)
- Flow Rate:
- 2 Outlet: 30 CFM (850 L/min)
- 6 Outlet: 75 CFM (2,123 L/min)
- Operating Temperature: -10°C to 60°C
- Housing Material: Aluminum with brass fittings and nickel-plated steel couplers
- Filter Media: Activated carbon, alumina, poly-fill, and wool felt
- Inlet Connection: 1” NPT thread
- Weight:
- 2 Outlet: 7.9 kg
- 6 Outlet: 9.18 kg

Air Filter Cartridge

- Type: Replacement air filter cartridge
- Filtration: 6-stage system
- Filter Media: Wool felt, activated carbon, alumina, mesh layers
- Particle Removal: Down to 0.5 micron
- Working Pressure: Up to 125 psi (8.6 bar)
- Operating Temperature: –10°C to +60°C
- Replacement Cycle: Every 3 months or 400 hours
- Function: Removes moisture, oil, and dust from breathing air
- Not Effective For: Carbon monoxide and toxic gases
- Compatibility: Suitable for Radex and BLD filter units

Breathing Air Supply Hose

- Non-toxic liner for breathing air use
- Complies with all International and NIOSH Standards
- Tough yellow wrap jacket with crisp external markings
- 3/8" (10 mm) ID bore

Climatiser Climate Control Tubes

- Rugged, compact design with serviceable components
- ‘Climatiser’ cooling tubes will cool the air by as much as 50°F (30°C)
- Climatiser heating tubes will heat air by as much as 30°F (12°C)
- Includes belt and buckle
- Use with air fed helmets, hoods, vests
- Blue/black and red/black tubes have BSP thread to suit current style NOVA helmets
- Blue/red tube has GHT thread to suit BLD, APL and older style NOVA helmets
- Requires 30cfm to operate effectively

Climate Control Device

- Dual heat and cool tube, simply slide the lever
- Tough and durable design
- Cool incoming air up to 52° F (29° C)
- Heat incoming air up to 33° F (18° C)

Leather Blasting Gloves

- Tough, rough–grain finish
- Abrasive resistant Kevlar threads provides longer life than normal ‘welding gloves’
- Generous length gauntlet for lower arm protection and soft cotton inner lining for comfort

Hard Hat Head Protector

- Standard color – white
- Other colors available on request
- Adjustable 6-point harness suspension

Ear Plugs

- Packed in individual pairs
- Essential for wearing under a blast helmet
- Compact – easy to carry a pair in your pocket

Ear Muff Hearing Protection

- For severe noise environments
- Single cup earmuff
- 32 dB rated

Eye Protection Wrap Around Safety Glasses

- Close fitting medium impact eye protection
- Most styles available with clear or tinted lenses styles can vary
- A range of chemical safety goggles are also available:
  - Low profile, extremely lightweight, comfortable with unique ventilation system
  - Anti fog/anti scratch coated lenses with medium impact and liquid splash protection

Garnet (Mineral Abrasive)

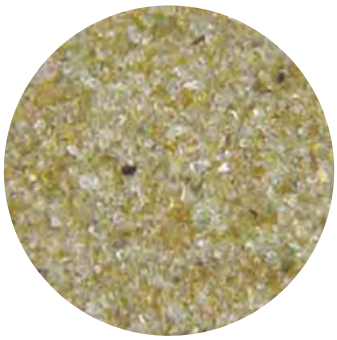
- Inert, natural mineral
- Pinkish to reddish-brown, sub-rounded grains
- High performance, low dust abrasive
- Ideal for industrial coating work with a selection of grades to suit various applications.
- Economical, single use abrasive
- May also be recycled
- Available Grades:

1. **Mesh 30/60**
2. **Mesh 20/40**
3. **Mesh 80**
4. **Mesh 120**

- Garnet type: various country origin
- Packaging: Loose Bag (1MT and 2MT) and 25 kg Bag

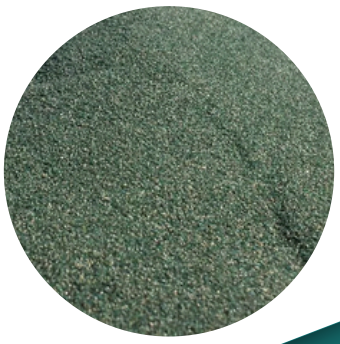
Crushed Glass (Crushed Recycled Glass Abrasive)

- Features: Made from recycled glass, angular shape, silica-free, produces clean and bright surface.
- Surface Profile: 40–100 microns.
- Blasting Rates: 25–40 m²/hour.
- Consumption: Medium, reusable up to 2–3 cycles.
- Industry Application: Marine, automotive, construction, coating preparation.
- Available Grades: **Mesh 30/60**



Alternative Abrasive

- Features: Slag-based abrasive, angular shape, fast cleaning rate, non-toxic, and silica-free.
- Surface Profile: 50–125 microns.
- Blasting Rates: 20–35 m²/hour.
- Consumption: Single-use or limited reuse (1–2 cycles).
- Industry Application: Shipyard, marine, structural steel, and tank surface preparation.



Slag (Slag Abrasive)

- Features: Angular shape, fast cutting, good surface cleaning, single-use type.
- Surface Profile: 50–125 microns.
- Blasting Rates: 20–35 m²/hour.
- Consumption: Moderate to high, usually one-time use.
- Industry Application: Shipyard, offshore maintenance, steel structures, tank cleaning.

Steel Shot

- Features: Durable, reusable, spherical shape, smooth surface finish.
- Surface Profile: 25–100 microns.
- Blasting Rates: 30–45 m²/hour.
- Consumption: Low, reusable up to 3000 cycles.
- Industry Application: Shipyard, foundry, automotive, steel fabrication.

Steel Grit

- Features: Angular metallic abrasive, high cleaning speed, reusable for multiple cycles.
- Surface Profile: 50 – 125 µm (depending on grit size and pressure).
- Blasting Rates: 30–40 m²/hr (based on equipment and surface condition).
- Consumption: Low; reusable up to 200 cycles in closed systems.
- Industry Application: Shipyards, steel structures, foundries, coating preparation.

7

STORAGE CONTAINER

4.5m cargo Basket

Designed and tested according to:

- DNV 2.7-1 Offshore Container Standard
- ISO 10855 Offshore Container Design & Construction

Specifications:

- External Size: 4500mm (L) × 1200mm (W) × 1400mm (H)
- Internal Size: 4300mm (L) × 1000mm (W) × 1025mm (H)
- Tare Weight: 1,190 kg
- Gross Weight: 9,550 kg
- Max Payload: 8,360 kg
- Color: RAL 5010

6.3m cargo Basket

Designed and tested according to:

- DNV 2.7-1 Offshore Container Standard
- ISO 10855 Offshore Container Design & Construction

Specifications:

- External Size: 6288mm (L) × 1386mm (W) × 1216mm (H)
- Internal Size: 6151mm (L) × 1220mm (W) × 896mm (H)
- Tare Weight: 1,850 kg
- Gross Weight: 10,000 kg
- Max Payload: 8,150 kg
- Color: RAL 5010

8'x6'x8' Dry Goods Container

Designed and tested according to:

- DNV 2.7-1 Offshore Container Standard
- ISO 10855 Offshore Container Design & Construction

Specifications:

- External Size: 2438mm (L) × 1830mm (W) × 2438mm (H)
- Internal Size: 2275mm (L) × 1735mm (W) × 2076mm (H)
- Tare Weight: 1,500 kg
- Gross Weight: 6,000 kg
- Max Payload: 4,500 kg
- Color: RAL 5010

6'x6'x8' Shelved Mini Container

Designed and tested according to:

- DNV 2.7-1 Offshore Container Standard
- ISO 10855 Offshore Container Design & Construction

Specifications:

- External Size: 1830mm (L) × 1830mm (W) × 2438mm (H)
- Internal Size: 1667mm (L) × 1728mm (W) × 2116mm (H)
- Tare Weight: 1,550 kg
- Gross Weight: 5,000 kg
- Removable Shelf Payload: 2,000 kg
- Max Payload: 3,450 kg
- Color: RAL 5010

6'x6'x8' Mini Container

Designed and tested according to:

- DNV 2.7-1 Offshore Container Standard
- ISO 10855 Offshore Container Design & Construction

Specifications:

- External Size: 1830mm (L) × 1830mm (W) × 2438mm (H)
- Internal Size: 1667mm (L) × 1728mm (W) × 2126mm (H)
- Tare Weight: 1,350 kg
- Gross Weight: 5,000 kg
- Max Payload: 3,650 kg
- Color: RAL 5010

Airless Spray Pump - 1K Solution

Specification			
Pressure Ratio	42:1	48:1	63:1
Max Fluid Pressure	250 bar (3,625 psi)	331 bar (4,800 psi)	441 bar (6,400 psi)
Max Air Input Pressure	6 bar (87 psi)	6.9 bar (100 psi)	7 bar (102 psi)
Max Flow Rate	4.8 L/min	4.7 L/min	6.0 L/min
Air Consumption	Approx. 0.6 m³/min	Approx. 0.7 m³/min	Approx. 0.8 m³/min
Pump Ratio Type	Single-acting Pneumatic	Double-acting Pneumatic	Double-acting Pneumatic
Fluid Outlet Size	¼" BSP	¼" NPT	¼" BSP
Air Inlet Size	¼" BSP	¼" NPT	¼" BSP
Compatible Material	Heavy-duty coatings, epoxy, zinc, polyurethane	Solvent-based and water-based coatings	High-viscosity industrial paint, primer, zinc coating
Frame Type	Compact trolley with air regulator	Stainless-steel trolley with wheels	Steel trolley frame (red wheels)
Weight	~45 kg	~43 kg	~50 kg
Applications	Industrial, Marine, Offshore, Steel Fabrication	Marine, Structural, Oil & Gas	Heavy Industrial and Marine Coating

Airless Spray Pump - 1K Solution

Specification			
Pressure Ratio	63 : 1	64 : 1	65 : 1
Output per Cycle	153 cm^3	153 cm^3	72 cm^3
Max Free-Flow Output (60 cycles)	9.2 L/min	28 L/min	4.3 L/min
Max Inlet Air Pressure	7 bar	7 bar	7 bar
Max Operating / Fluid Pressure	441 bar	450 bar	455 bar
Weight	~50 kg	~50 kg	~50 kg
Typical Use / Features	Heavy-duty coatings, optimized air distribution, full metal housing, reduced icing	Suitable for coarse or abrasive materials, high displacement, slower piston action for durability	Multipurpose, modular, stainless wetted parts, compact design
Construction / Wetted Parts	All stainless / corrosion-resistant parts, large valves, optimized design	Similar robust construction to withstand abrasive / high-viscosity materials	Stainless wetted parts, modular pump / filter system

Airless Spray Pump - 1K Solution

Specification		
Pressure Ratio	71 : 1	70 : 1
Output per Cycle	138 cm³ (≈ 4.6 fl oz)	180 cm³ (≈ 6.1 fl oz)
Max Free-Flow Output	24 L/min	32 L/min
Max Air Inlet Pressure	6.5 bar (≈ 94 psi)	7 bar (≈ 100 psi)
Max Operating / Fluid Pressure	460 bar (≈ 6,672 psi)	7,000 psi (≈ 483 bar)
Flow Rate at 60 Cycles/min	24 L/min	11 L/min
Air Consumption	Approx. 0.8 m³/min	Approx. 1.0 m³/min
Wetted Parts / Material	Stainless steel, hard-chromed piston, tungsten-carbide valves and seats	Stainless steel, carbide seats, heavy-duty packings
Construction	Full metal body, corrosion-resistant frame, low-maintenance design	Heavy-duty steel construction with NXT™ air motor and protective body armor
Features	Optimized air distribution to reduce icing, throat seal liquid system, ideal for high-viscosity coatings and long hose runs	De-icing system, modular air valve, quieter air motor, built-in filter, durable and easy maintenance
Applications	High-viscosity, solvent-free coatings, marine, offshore, and structural steel coating	Protective coatings, corrosion control, industrial and large-area painting
Weight	42.6 kg (≈ 94 lbs)	154 kg (≈ 339 lbs, heavy-duty frame model)

Airless RAC Spray Tip (Consumables Purchase)

- Industrial spray tip with consistent spray pattern
- Black arrow top handle
- Large, tip-size marking on the handle
- Long life, liquid honed tip insert
- Factory tested
- Large port fluid entry for better flow and easier cleaning
- Features bottom nib for installing seal into tip guard
- Available in a large range of orifice sizes and fan widths
- 4050 psi rated
- **Type:** #419, 421, 423, 319, 323.

Airless Tip Guard

- Aerodynamic design produces a tighter, consistent spray pattern with minimal overspray
- Virtually eliminates paint build-up, dripping and spitting
- Seals hand tight – no tools required
- Light weight for reduced operator fatigue
- Aluminum nut won't rust

Airless Spray Flat Tips

- Contractor – standard industrial tip
- Silver Premium industrial tip for tighter tolerance
- Liquid honed tungsten carbide insert
- Factory tested tips
- 5000 psi rated
- Fit standard flat tip housings
- **Type**: #419, 421, 423, 319, 323.

9

SURFACE FINISHING EQUIPMENT

RENTAL PACKAGE FOR RENTAL MONTI BRISTLE BLASTER

PACKAGE A

MONTI-Bristle Blaster Pneumatic Set- cordless

PACKAGE B

MONTI-Bristle Blaster Electric Set

PACKAGE C

MONTI-Bristle Blaster Cordless

CONSUMABLES PURCHASE

Bristle Blaster Belts Carbon Steel / Stainless Steel

- 0.7 mm spring steel angled
- ground tips OD: 115.mm
- **Type Belt:** 11mm and 23mm

MONTI-Bristle Blaster Electric Set

MONTI-Bristle Blaster Pneumatic Set

Parameter / Feature	Pneumatic Set	Electric Set
Power Source	Compressed Air	Electric (230V / 50Hz)
Required Air Pressure	6.2 bar / 90 psi	—
Air Consumption / Flow	17.5 CFM (≈ 0.5 m³/min)	—
Motor / Power Input	—	550 W
Free Speed (No Load)	3,500 rpm	3,200 rpm
Weight (Tool Only)	~1.2 kg	~2.3 kg
Vibration Level	~2.0 m/s²	~2.8 m/s²
Sound Level	83 dB(A)	82 dB(A)
Hose / Inlet	¼" PT / 3/8" hose (9.5 mm ID)	—
Belt / Bristle Type	0.7 mm spring steel, 23 mm	0.7 mm spring steel, 23 mm
Surface Profile Range	40–120 µm (depending on substrate)	40–120 µm (depending on substrate)
Features	Cold-surface blasting, minimal residue, no grit waste, ATEX-approved (Zone 1)	Consistent speed, plug-and-play, lower dust, low vibration
Package Contents	Drive unit, adaptor systems, accelerator bars, belts, accessories	Drive unit, accelerator bar, belts, accessories
Application	Rust / coating removal, weld seam treatment, on-site repair	Same applications, especially where power supply is available

MONTI-Bristle Blaster Cordless

Specification	Value
Model / Series	Ultimate Cordless
Battery System	18 V (CAS – Cordless Alliance System)
Maximum Power Output	700 W
No-Load Speed	2,300 rpm (±5%)
Belt Width	11 mm & 23 mm
Weight (without battery)	approx. 2.2 kg
Length (without battery)	approx. 420 mm
Height (with handle)	approx. 160 mm
Width	approx. 80 mm
Vibration Level	4 m/s²
Noise Level	< 80 dB(A)
Operating Time (approx.)	25 minutes per 8 Ah / 18 V battery charge
Key Features	Anti-vibration handle, reinforced front head, safety switch

Bristle Blaster Belts Carbon Steel / Stainless Steel (Consumables Purchase)

- 0.7 mm spring steel angled
- ground tips OD: 115.mm
- **Type Belt:** 11mm and 23mm

Adaptor System

Made of high quality die cast Aluminium, with safety element. Includes screw and allen key

Swivel Connector

- Increase freedom of movement throught a full 360 degree.
- Make working even easier.
- Prevents air pressure hoses form twisting.

Air Pressure Regulator

- Increase freedom of movement throught a full 360 degree.
- Make working even easier.
- Prevents air pressure hoses form twisting.

Accelerator Bar

Extremely robust and low-wearing. Available in two length and materia variants (use dependent on width and material of the belt)

Dust Exhaust

Captures up to 80% of the particles that arise as a result of the work process. Can be adapted for use with all commonly used industrial vacuum cleaners.

Battery LIHD
18V, 5,5 Ah

Battery LIHD
18V, 8,0 Ah

Specification	18 V 5.5 Ah	18 V 8.0 Ah
MONTI Item Code	ZU-600	ZU-602
Battery Pack Voltage	18 V	18 V
Battery Pack Capacity	5.5 Ah	8.0 Ah
Weight	0.9 kg (2.0 lbs)	1.0 kg (2.2 lbs)

Battery Fast Charger for CAS LiPower/ LiHD batteries

Specification	Details
Battery Voltage	12 – 36 V
Mains Voltage	220 – 240 V
Mains Frequency	50 – 60 Hz
Max. Charging Current	8 A
Weight	650 g (1.5 lbs)

10

INSPECTION TOOL

Paint Depth Gauge for ALL Metal Substrates (DFT)

Parameter	Specification
Model Type	• Ferrous (for Steel) • Combo (both non-magnetic coatings on steel AND non-conductive coatings on aluminum, brass, etc.)
Measurement Range	0 – 1000 µm (0 – 40 mils)
Accuracy	±(2 µm + 3%)
Display	Color display, auto-rotating with lock
Reading Speed	Over 60 readings per minute
Calibration	Zero or one-point adjustment
Probe Type	Ruby-tipped with V-groove for cylindrical surfaces
Functions	Onscreen averaging, reset option, unit switch (µm / mils)
Power Source	2 × AAA batteries
Dimensions (L × W × H)	108 × 43 × 20 mm
Weight	54 g (without batteries)
Standard Compliance	ISO 2178, ISO 2360, ISO 19840, ASTM D7091, SSPC-PA2
Included Items	Carrying case, calibration shims, wrist strap, batteries, certificate, user guide

Wet Film Thickness Gage (WFG)

Model / Type	Measuring Range	Material / Construction	Notes / Features
Stainless 8-Sided Wet Film Thickness Gage			
WFG60/1500SSC	60 mils / 1,500 µm	Certified stainless, 8-sided	Dual-head design (both mils & microns)
Stainless 6-Sided Wet Film Thickness Gages			
WFG370SS	20 – 370 µm	Stainless (6-sided)	Metric scale, compact
WFG2000SS	25 – 2,000 µm	Stainless	Larger range in µm
WFG3000SS	25 – 3,000 µm	Stainless	For thicker coatings
WFG15SS	0.5 – 15 mils	Stainless	Low range (imperial)
WFG80SS	1 – 80 mils	Stainless	Mid range (imperial)
WFG120SS	1 – 120 mils	Stainless	Higher range (imperial)
Aluminum 4-Sided Wet Film Thickness Gages			
WFG2000AL	25 – 2,000 µm	Aluminum, 4-sided	Economical card type, metric scale
WFG80AL	1 – 80 mils	Aluminum, 4-sided	Economical card type, imperial scale

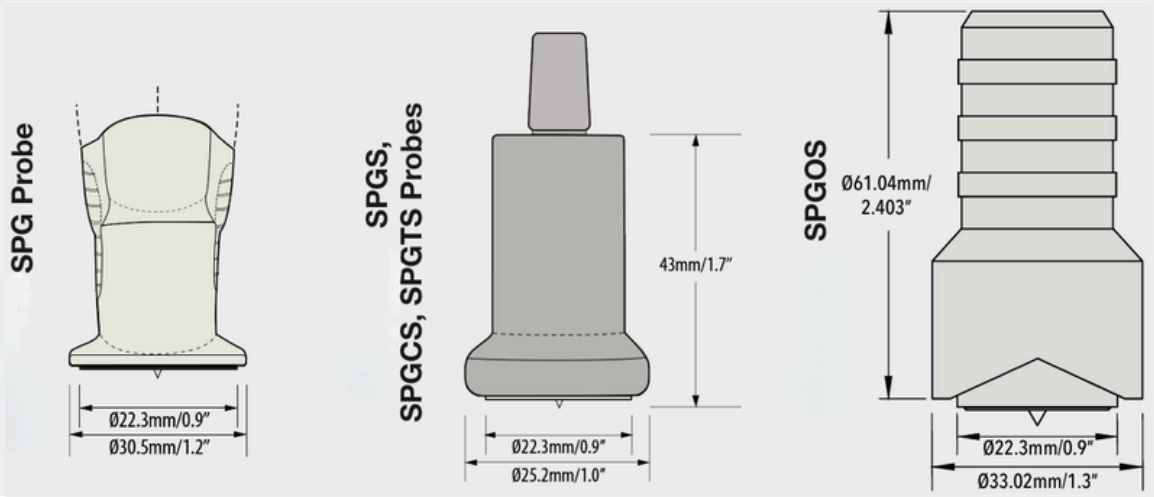
Surface Profile Gauge (SPG) with Probe

Specification	SPG (Standard)	SPG (Advanced)
Description	SPG Standard with SPG S Probe	SPG Advanced with SPG S Probe
Application	Blasted Steel	Blasted Steel
Measuring Range	0 – 500 µm (0 – 20 mils)	0 – 500 µm (0 – 20 mils)
Accuracy	± (5 µm + 5%) / ± (0.02 mil + 5%)	± (5 µm + 5%) / ± (0.02 mil + 5%)
Tip Angle	60° (*30° optional for AS 3894.5-C standard*)	60° (*30° optional for AS 3894.5-C standard*)
Tip Radius	50 µm (2 mils)	50 µm (2 mils)
Display	2.8” color touchscreen	2.8” color touchscreen
Reading Storage	1,000 per probe	250,000 in up to 1,000 batches
Graph / Stats	Statistics mode only	Live graphing + statistics
Connectivity	USB	USB / WiFi / Bluetooth 4.0
Power Source	3 × AAA alkaline batteries	3 × AAA alkaline batteries
Size (Body only)	127 × 66 × 25.4 mm (5 × 2.6 × 1 in)	127 × 66 × 25.4 mm (5 × 2.6 × 1 in)
Weight (Body only)	137 g (4.9 oz) without batteries	137 g (4.9 oz) without batteries
Standards Compliance	ASTM D4417-B, AS 3894.5-C, NSI 009-32, SANS 5772	Same as Standard model

Surface Profile Gauge (SPG) Probe

Spesifikasi	SPG	SPG S	SPG OS	SPG CS	SPG TS
Application	Blasted steel		Convex (convex textures)	Textured coatings	Concrete surface profile
Measuring range	0 – 500 µm (0 – 20 mil)			0 – 1500 µm (0 – 60 mil)	0 – 6 mm (0 – 250 mil)
Accuracy	± (5 µm + 5%) / ± (0.2 mil + 5%)				± (25 µm + 1%) / ± (1 mil + 1%)
Tip angle	60° (30° option)				
Tip radius	50 µm (2 mil)			500 µm (20 mil)	
Probe type	Integral	Cabled			

Probe Dimensions



Micrometer Thickness Gauge

Specification	Digital Micrometer		Analog Dial Micrometer
Function	Measures surface profile using replica tape with digital display and data storage		Measures surface profile using replica tape via mechanical dial
Measurement Range	0 – 40 mils	0 – 1000 µm	0 – 1000 µm (0 – 40 mils)
Accuracy	0–10 mils: ±0.2 mils 10–40 mils: ± (0.2 mils + 1%)	0–250 µm: ±5 µm 250–1000 µm: ± (5 µm + 1%)	Equivalent precision for replica tape use
Resolution	0.1 mil	1 µm	1 µm (0.1 mil)
Display Type	High-contrast color digital display		Mechanical analog dial
Units	Switchable between Microns (µm) and Mils (mil)		Fixed per model (Microns or Mils)
Memory Capacity	Up to 250 readings with on-screen statistics		Not applicable
Data Export	USB connection, .csv output (no software required)		Not applicable
Power Supply	1 × AAA battery		Manual (no power required)
Construction	All-metal housing, field-durable		Rugged mechanical frame
Closing Force	1.1 N		1.1 N
Anvil Diameter	0.25″	6.35 mm	6.35 mm
Calibration	Traceable Certificate of Calibration included		Available with or without certification
Software Compatibility	USB drive mode, compatible with PosiSoft		Not applicable
Included Items	Micrometer, USB cable, calibration certificate, manual, battery, carrying case		Dial gage, instruction manual, carrying case

Replica Tape

Grade / Type	Measuring Range	Typical Application
Coarse Minus	12 – 25 µm (0.5 – 1.0 mils)	Very fine profiles
Coarse	20 – 50 µm (0.8 – 2.0 mils)	Standard steel blasting
X-Coarse	38 – 115 µm (1.5 – 4.5 mils)	Heavy-duty blasting
X-Coarse Plus	100 – 150 µm (4.0 – 6.0 mils)	Extremely rough surfaces
Optical Grade X-Coarse	38 – 115 µm (1.5 – 4.5 mils)	For high-resolution 3D

Working Range: 20 – 115 µm (0.8 – 4.5 mils) — suitable for most blasted steel surfaces.

Accuracy and Precision

Grade	Precision	Accuracy
Coarse	±2 µm (±0.1 mil)	±8 µm (±0.3 mil)
X-Coarse	±6 µm (±0.2 mil)	±8 µm (±0.3 mil)
X-Coarse Plus	±8 µm (±0.3 mil)	±10 µm (±0.4 mil)

Features

- Compressible foam captures accurate surface impression
- 50 impressions per roll
- Works on flat or curved surfaces
- Compatible with micrometers and digital readers
- No expiry date, long shelf life
- Resistant to heat up to 60 °C

Replica Tape Reader (RTR)

Specification / Feature	RTR H	RTR 3D
Product Type	Electronic surface profile gage using replica tape	Replica tape reader with 2D/3D surface imaging and measurement
Measurement Standards	ASTM D4417, ISO 8503-5, NACE SP0287, SSPC-PA17	ASME B46, ASTM D4417, ISO 8503-5, NACE SP0287, SSPC-PA17
Measurement Range	20 – 115 µm (0.8 – 4.5 mils)	20 – 115 µm (0.8 – 4.5 mils)
Accuracy	± 5 µm (± 0.2 mils)	± 5 µm (± 0.2 mils)
Resolution	1 µm (0.1 mil)	0.1 µm (0.01 mil)
Anvil Diameter & Pressure	Ø 6.35 mm (0.25 in), 1.1 N (≈ 110 gf)	Ø 6.35 mm (0.25 in), 1.1 N (≈ 110 gf)
Additional Measurement Parameters	—	2D: Ra, Rq, Rz, Rp, Rv, Rt, Rpc 3D: Sa, Sq, Sz, Sp, Sv, Spd Includes 3D image and data export
Data Storage	Standard: 1,000 readings Advanced: 250,000 readings, 1,000 batches, Wi-Fi / Bluetooth	Standard: 1,000 readings Advanced: 250,000 readings, live graphing, Wi-Fi / Bluetooth, 3D data export
Display	2.8″ color touchscreen, auto rotate, on-gage help	2.8″ color touchscreen, auto rotate, on-gage help
Enclosure	IP65 rated, dust and water resistant, rubber holster	IP65 rated, dust and water resistant, rubber holster
Power Supply	3 × AAA batteries > 20 hours operation	3 × AAA batteries > 20 hours operation
Calibration	Certificate traceable to PTB / NIST	Certificate traceable to PTB and NPL (for Ra and Rt)
Dimensions / Weight	127 × 66 × 25.4 mm 137 g (without batteries)	Similar size and weight as RTR H model
Model Options	RTR H1 (Standard) RTR H3 (Advanced)	RTR 3D1 (Standard) RTR 3D3 (Advanced)
Probe Compatibility	Uses standard PosiTector RTR probes interchangeable PosiTector body	Same probe compatibility requires RTR 3D probe variant

Dew Point Meters (DPM)– Environmental Monitoring

DPM Probes

Parameter	Specification
Measured Parameters	Relative Humidity, Air Temperature, Surface Temperature, Dew Point Temperature, Surface–Dew Point Difference, Wind Speed (selected models)
Enclosure Rating	IP65 – weatherproof and dust resistant
Display	2.8″ color touchscreen with keypad
Surface Temperature (Contact)	-40 °C to 80 °C (±0.5 °C) / 80 °C to 190 °C (±1.5 °C)
Surface Temperature (Infrared)	-70 °C to 380 °C (±1 °C + 1%) – for IR models
Air Temperature Range	-40 °C to 80 °C (±0.5 °C)
Relative Humidity Range	0 – 100 % RH (±3 %)
Dew Point Temperature Range	-60 °C to 80 °C (±3 °C)
Wind Speed Range	0 – 20 m/s (±3 %) – on models with anemometer
Data Logging Capacity	Standard: 2,500 readings / Advanced: 250,000 readings
Battery Life	Up to 60 hours (Standard) / 8 months (Advanced with Auto Log)
Connectivity	USB, WiFi, Bluetooth (depending on model)
Calibration Certificate	Supplied with traceable calibration certificate

Infrared Thermometer (IRT)– Non-contact surface temperature measurement

Parameter	Specification
Measurement Type	Non-contact surface temperature
Temperature Range	-70 °C to 380 °C
Accuracy	±1 °C + 1% (at 23 °C ambient)
Resolution	0.1 °C
Distance-to-Spot Ratio	5.7 : 1
Laser Pointer	Class 2 (<1 mW)
Emissivity	Adjustable with 7 preset materials or custom value
Response Time	< 500 µs (95% response)
Spectral Response	2 – 14 µm
Display	2.8″ color touchscreen with keypad
Enclosure Rating	IP65 – weatherproof and dust resistant
Data Storage (Standard)	1,000 readings per probe
Data Storage (Advanced)	250,000 readings in up to 1,000 batches
Connectivity (Advanced)	USB, WiFi, Bluetooth
Battery Life	Over 20 hours with 3 × AAA batteries
Size	127 × 66 × 25.4 mm
Weight	137 g (without batteries)

Soluble Salt Tester (SST)

Parameter	Specification
Measurement Method	Soluble salt concentration on metal surfaces (conductivity method)
Standards	ISO 8502-6 / ISO 8502-9; US Navy PPI 63101-000; US Navy NSI 009-32; AS 3894.6; IMO MSC.215(82) & MSC.244(83); SSPC Guide 15; ISO 11127-6; ASTM D4940
Conductivity Range	0 – 1,500 µS/cm
Surface Density Range	0 – 6,000 mg/m² or 0.0 – 600.0 µg/cm²
Resolution	1 µS/cm, 1 mg/m², 0.1 µg/cm² (Hi-Res Mode: 0.1 µS/cm for 0-200 µS/cm)
Accuracy	±2 µS/cm (0-200 µS/cm) ±10 µS/cm (>200-600 µS/cm) ±20 µS/cm (>600-1,500 µS/cm)
Temperature Range (Sampling)	0 – 50 °C (32 – 122 °F)
Normalization Temperature	25 °C (77 °F)
Test Cell Volume	1 mL
Size (Gage Body)	127 × 66 × 25.4 mm (5″ × 2.6″ × 1″)
Weight (Gage Body)	137 g (4.9 oz) without batteries
Enclosure Rating	IP65 (weatherproof, dustproof, water-resistant)
Display / Interface	2.8″ colour touchscreen with keypad (on gage body)
Data Storage (Standard Model)	1,000 readings per probe
Data Storage (Advanced Model)	250,000 readings in up to 1,000 batches
Connectivity (Advanced Model)	USB, WiFi, Bluetooth

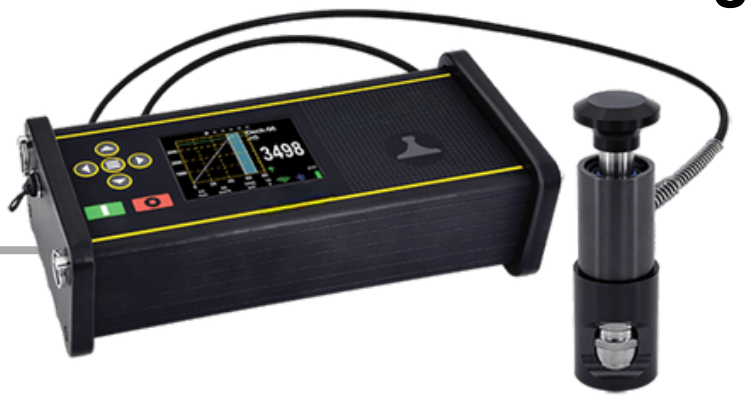
HHD Kit (Pulsed DC)

Parameter	Specification
Voltage Range	0.5 kV – 35 kV (adjustable)
Output Type	Pulsed DC
Output Adjustment Steps	0.5–1 kV: 10 Volt steps / >1 kV: 100 Volt steps
Accuracy	±5 % of output
Pulse Duration / Rate	10 µs pulses at 30 Hz
Coating Thickness Range	Up to 20 mm
Operating Temperature	-20 °C to 60 °C
Dimensions	64 cm × 6.4 cm × 13 cm
Weight	1.6 kg (with battery, no electrode)
Battery Type	72 Wh rechargeable lithium-ion battery
Battery Life	Ø12" spring @10 kV: ~40 hrs / Ø40" spring @10 kV: ~30 hrs
Enclosure Rating	Rugged, weatherproof and dust resistant
Display	Digital display with certified voltmeter
Calibration	Supplied with long-form calibration certificate
Standards Compliance	ASTM D4787, D5162, D6747, D7953, G62, ISO 29601, NACE SP0188, SP0274, SP0490, AS 3894.1
Included Items	Detector body, 7.6 m ground cable, Li-ion battery pack, smart charger, electrode rod (20″ or 5″), fan brush electrode, hard case, calibration certificate

HHD C Kit (Continuous DC)

Parameter	Specification
Voltage Range	0.5 kV – 30 kV (adjustable)
Output Type	Continuous DC
Accuracy	±5 % of output
Coating Thickness Range	Up to 7.5 mm
Operating Temperature	-20 °C to 60 °C
Dimensions	33 cm × 10.8 cm × 8 cm
Weight	0.74 kg (with batteries, no electrode)
Battery Type	Rechargeable lithium-ion battery
Battery Life	Approx. 30 hours (typical use)
Enclosure Rating	Compact ergonomic wand design, IP65 protection
Display	Digital display with voltage indicator
Calibration	Supplied with calibration certificate
Standards Compliance	ASTM D4787, D5162, D6747, G62, ISO 29601, NACE SP0188, SP0490
Included Items	Detector wand, 3 m ground cable, Li-ion battery, charger, brush electrode, extension rod, carry case, calibration certificate

AT-A – Automatic Pull-Off Adhesion Tester



Parameter	Specification
Measurement Accuracy	±1% full scale
Resolution	0.01 MPa (1 psi)
Dolly Sizes Available	Ø10 mm, Ø14 mm, Ø20 mm, Ø50 mm, 50 × 50 mm plate
Maximum Pull-Off Pressure	Ø10 mm: 96 MPa (14,000 psi)
Standards Compliance	ASTM C1583, D4541, D7234, D7522, ISO 4624, 16276-1, BS EN 12004-2, AS/NZS 1580.408.5
Pump System	Automatic electronically controlled hydraulic pump with constant pull rate
Display / Interface	Color touchscreen with keypad; user-adjustable pull rate, limit, and hold time
Data Storage	Stores up to 100,000 readings in 1,000 batches
Power Supply	Rechargeable lithium-ion battery (250+ tests per charge), USB-C charging and data port
Enclosure Rating	IP65 – weatherproof, dustproof, and shock-resistant
Included Items	Adhesion tester, dollies (assorted sizes), glue kit, cutting tool, mixing sticks, USB-C cable, calibration certificate, hard case

AT-M – Manual Pull-Off Adhesion Tester

Parameter	Specification
Measurement Accuracy	±1% full scale
Resolution	0.01 MPa (1 psi)
Dolly Sizes Available	Ø10 mm, Ø14 mm, Ø20 mm, Ø50 mm, 50 × 50 mm plate
Typical Bond Strength Range	Ø20 mm: 0.7–20 MPa (100–3,000 psi)
Standards Compliance	ASTM C1583, D4541, D7234, D7522, ISO 4624, 16276-1, BS EN 12004-2, AS/NZS 1580.408.5
Pump System	Manual hydraulic pump with smooth, single-stroke pressure application
Display	Digital LCD with pull rate indicator and selectable units (MPa, psi, N)
Data Storage	Stores up to 200 readings with pull rate and dolly size
Power Supply	Two AAA batteries (replaceable, ~16 hours use)
Enclosure Rating	IP65 – rugged, weatherproof, and shock-resistant
Included Items	Adhesion tester, dollies, glue kit, cutting tool, USB cable, calibration certificate, carrying case

Cross Hatch (CH) Adhesion Tester

Parameter	Specification
Function	Measures coating adhesion by making a lattice pattern cut and assessing coating detachment.
Standards Compliance	ISO 2409, ISO 16276-2, ASTM D3359, AS 3894.9, AS 1580.408.4, JIS K 5600-5-6
Maximum Coating Thickness	Up to 250 µm (10 mils) depending on blade type
Cutting Blades	Hardened steel, 4-sided reversible blades
Blade Options (ISO 2409)	1 mm (0–60 µm coating), 2 mm (61–120 µm), 3 mm (121–250 µm)
Blade Options (ASTM D3359)	1 mm (0–50 µm coating), 2 mm (51–125 µm)
Number of Cutting Teeth	ISO: 6 teeth per blade / ASTM: 11 teeth per blade
Handle Type	Ergonomic, non-slip handle with pivoting head for uniform pressure
Magnifier	ISO version: 3× / ASTM version: 10× illuminated magnifier
Adhesive Tape	ISO or ASTM grade (depending on kit type)
Accessories Included	Adhesive tape, brush, scissors, hex key, classification chart, user manual
Carrying Case	Supplied in durable hard shell case

Blast Nozzle Gauge

Parameter	Specification
Measurement Range	6.4 mm – 16 mm (¼″ – 5/8″)
Air Flow Equivalent	81 cfm – 548 cfm
Accuracy	±0.1 mm (typical)
Material	Hardened stainless steel
Dimensions	200 mm (L) × 19 mm (W)
Weight	150 g
Scale Type	Engraved, easy-to-read markings
Application	Checks nozzle wear and verifies correct blast nozzle size
Included Items	Gauge tool, wax/grease pencil, protective pouch, operating guide
Features	• Fast and accurate measurement of nozzle diameter. • Helps maintain consistent air pressure and abrasive consumption. • Durable stainless-steel construction for long-term use. • Compact and lightweight — ideal for on-site inspections. • Easy-to-read engraved scale for quick identification.

Needle Pressure Gauge

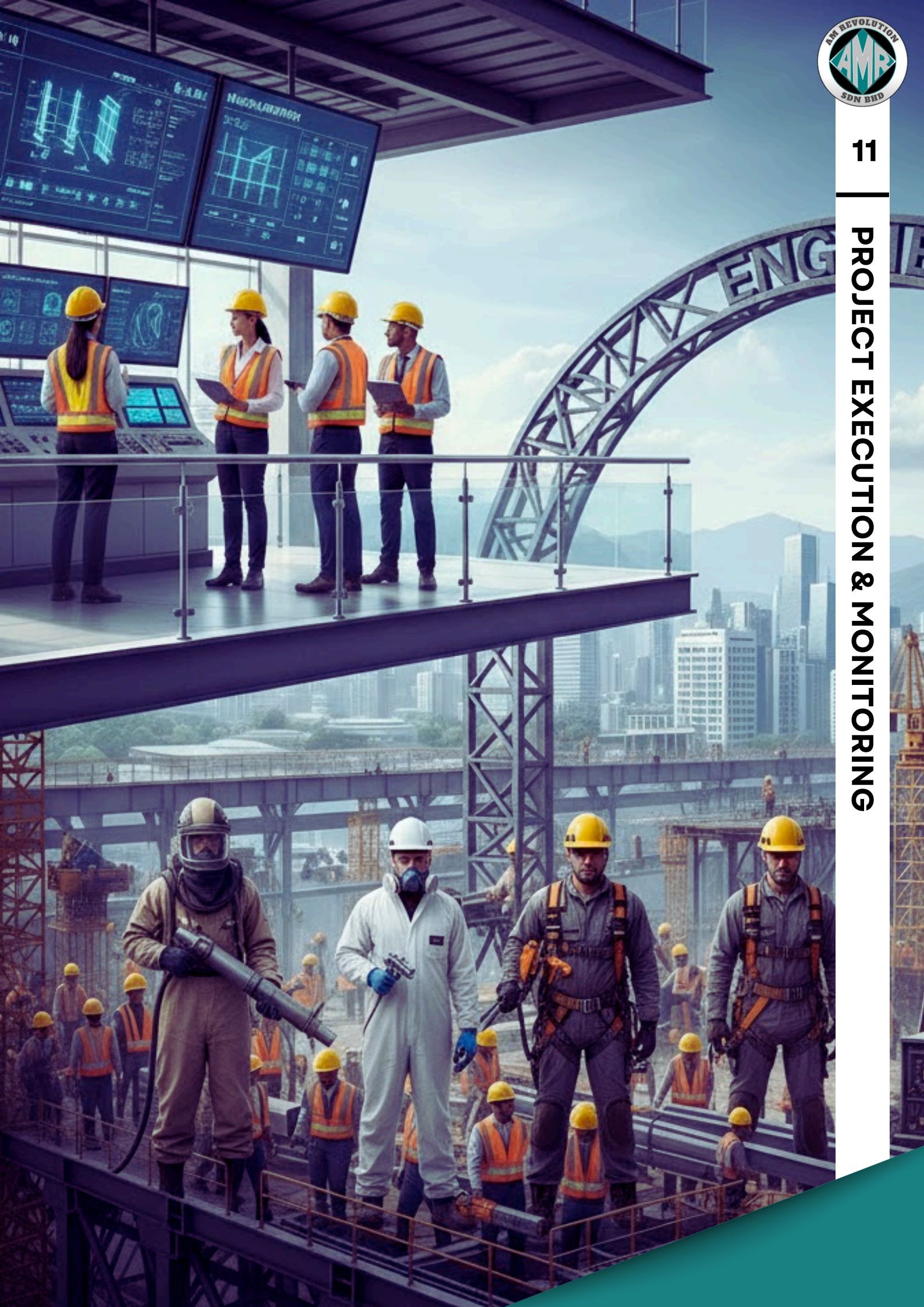
Parameter	Specification
Measurement Range	0 – 300 psi (0 – 20 bar)
Pressure Limits	Steady: 75% of full scale / Fluctuating: 67% of full scale / Short-time: 100% of full scale
Operating Temperature	-20 °C to 60 °C
Dimensions	133 mm × 58 mm × 28.5 mm
Weight	110 g
Display Type	Analog dial with needle indicator
Gauge Connection	Hypodermic needle with pressure gauge guard
Material	Corrosion-resistant metal body
Application	Used to measure air pressure in blast hoses and detect pressure drop during operation
Included Items	Pressure gauge, protective guard, spare needle, pouch, and instruction guide
Features	• Measures actual blast pressure at the nozzle for accurate performance checks. • Helps maintain correct working pressure to optimize abrasive consumption. • Lightweight and compact, suitable for field and industrial environments. • Easy-to-read analog display for quick on-site readings. • Durable construction designed for heavy-duty use.

Chloride Ion Test Kit for Abrasives

Parameter	Specification
Measurement Range	1 – 60 µg/cm² (1 – 60 ppm)
Resolution	1 µg/cm² (1 ppm)
Sample Time	Approximately 1.5 minutes per test
Storage Temperature	Up to 25 °C
Dimensions	185 × 125 × 110 mm
Weight	367 g
Tests per Kit	4 complete tests included
Included Items	4 abrasive sample containers, 4 pre-measured test solution bottles, titration tubes, tube snapper, strap, and instruction manual
Features	• Measures chloride contamination in abrasive media quickly and accurately. • Ideal for checking cleanliness of recycled abrasives before blasting. • Portable, lightweight kit suitable for field or laboratory use. • Simple titration process with clear visual endpoint. • Ensures compliance with surface preparation and coating standards.

Bresle Test Patches

Parameter	Specification
Test Area	1,250 mm² (12.5 cm² / 1.93 in²)
Sample Volume	2.6 mL ± 0.6 mL
Patch Dimensions	50 × 50 mm (1.97 × 1.97 in)
Foam Thickness	Approximately 19% thicker than standard patches
Adhesive Seal	High-strength adhesive for a watertight seal
Residue After Use	Leaves no residue or foam marks after removal
Packaging Options	Available in boxes of 25 or 100 patches
Standards Compliance	ISO 8502-6 (and ISO 8502-9 when used with conductivity meter)
Features	• Thicker foam edge allows easier syringe insertion and extraction. • Strong adhesive ensures a tight seal on blasted or rough surfaces. • Double protective covers prevent contamination before use. • Clear membrane for visual monitoring during extraction. • Supplied with batch cleanliness certification for traceability. • Compatible with all Bresle method conductivity meters.



11

PROJECT EXECUTION & MONITORING

Project Execution & Monitoring

AM Revolution provides comprehensive project solutions, covering consultation, manpower deployment, and full project execution. Our team consists of skilled and experienced personnel dedicated to ensuring every phase of the project runs efficiently and meets client expectations. From planning to completion, we deliver reliable services that maintain quality, safety, and performance standards across all operations.

Operations Team

Position	Main Responsibilities	Remarks / Skills
Blaster	Performs high-pressure abrasive blasting to clean and prepare surfaces before painting.	Skilled in using different abrasive media and maintaining required surface profiles.
Painter	Applies protective or decorative coatings on prepared surfaces.	Experienced with paint systems, coating thickness, and spray techniques.
Sandblaster / Painter	Handles both blasting and painting activities.	Dual-skilled operator for surface prep and coating application.
Spray Painter	Applies coatings using air or airless spray equipment.	Trained in handling paint viscosity, spray distance, and uniform coverage.
Rope Access Technician	Conducts blasting and painting work at heights using rope access systems.	Certified (IRATA Level 1–3), reduces time and cost compared to scaffolding.
Blasting & Painting Technician	Works under various conditions, including confined spaces.	Holds certifications such as IMM or equivalent.
Robotic Blasting Operator	Operates and maintains robotic blasting systems.	Enhances consistency, speed, and operational safety.
Fabricator	Prepares and modifies structures before blasting or painting.	Skilled in welding, cutting, and structural preparation.

Quality & Inspection

Position	Main Responsibilities	Remarks / Skills
QC Coordinator (Blasting & Painting)	Ensures all blasting and painting works meet required standards and specifications.	Typically 5+ years of experience in oil, gas, or marine industries.
QC Inspector	Conducts inspection and testing on coating quality and surface profile.	Certified through NACE or SSPC; prepares detailed inspection reports.

Supervision & Engineering

Position	Main Responsibilities	Remarks / Skills
Blasting & Painting Foreman	Supervises and coordinates daily site or workshop activities.	Experienced in manpower handling and production scheduling.
Supervisor	Oversees project execution and technical progress.	Acts as the link between workers and project management.
Facility Engineer / Designer	Designs, maintains, and upgrades blasting and painting facilities.	Involved in process optimization and layout improvement.
Project Manager	Manages project from start to completion.	Responsible for planning, manpower allocation, and cost control.

Safety & Compliance

Position	Main Responsibilities	Remarks / Skills
Safety Officer	Monitors compliance with safety standards during operations.	Conducts toolbox meetings and incident reporting.
HSE Personnel	Maintains HSE (Health, Safety, and Environment) standards on-site.	Performs regular audits and risk assessments.
HSE Officer	Oversees the entire project's safety and environmental compliance.	Ensures alignment with company and client HSE policies.

Support & Management

Position	Main Responsibilities	Remarks / Skills
Logistics & Warehouse Support	Manages logistics, storage, and distribution of materials and equipment.	Tracks inventory and ensures timely material supply.
Material Controller	Manages and verifies stock of paints, abrasives, and consumables.	Maintains accurate usage records and reordering schedules.
Admin & Sales	Handles administrative and sales documentation.	Manages client communication, quotations, and invoicing.


ENGIN

FINANCING OPTIONS

Benefits

- Flexible monthly payments to match your budget.
- Plan for a consistent monthly expense.
- Maintain healthy cash flow for your business.
- Own your equipment after the loan term with no further payments.

Start Earning Immediately

- Begin work right after approval.
- Profitable setup lets you generate income from your first job.

Easy Approval

- The machine itself is used as collateral.
- Quick online application (around two minutes) for pre-approval.

"The machine performed really well in the field. It handled the job smoothly, even in tough conditions, and didn't give us any trouble. It's reliable, efficient, and honestly one of the best investments we've made."

— BUSINESS OWNER"

www.amrevolutionsb.com

LET'S CONNECT WITH US

AM REVOLUTION SDN BHD

+603-3010 7759

sales@amrevolution.net

www.amrevolutionsb.com

B-05-07, Neo Damansara, Jalan PJU 8/1, Bandar Damansara Perdana, 47820 Petaling Jaya, Selangor, Malaysia