



RUST™ ATEX Grinding Tools For use in explosive and hazardous environments

Health, safety and environment benefits:

- Cold work equipment
- No hot sparks
- Low temperature
- No explosion danger
- Low noise <85 dB
- Low vibration 2,5 m/s²
- Little or no dust.
- No release of toxic gases when grinding through polyurethane or plastic coatings.

RUST™ prepare the Surface for good adhesion, roughness and cleanliness

- Adhesion results: **10-25 MPa** (ISO 4624:2016).
- Surface roughness profile: Rz **75µm - 105µm** (ISO 8503-1:2012).
- Surface cleanliness preparation grade: **SSPC-SP11** Power Tool Cleaning to bare metal. (After Swedish standard ISO 8501-1: most similar to **St.3**).

RUST™ will effectively remove:

Rust, coating (paint, chartek, silicone/rubber, bitumen etc.), scale, salt and other contaminations on the surface.

RUST™ grinds away welding seams and weld spatter.

Benefits:

No need for hot work permits, habitats or fireguards.
No demanding risk evaluation or production shutdown.
Reduced working time and reduced operational cost.

RUST™ are easy and safe to operate



Weight: 8 kg
Size: 49x37x20 cm



RUST™ ATEX Grinding Tools are approved as Zone 1 & 2, Category 2 equipment for use in explosive atmosphere. Approved according to ATEX 2014/34/EU directive and the harmonized European Standards EN 13463-1, EN 13493-5 and EN 292-1.
ATEX code II 2 G c IIA T3 (200°C)

TECHNICAL DATA



RUST is ATEX is approved for Zone 1 & 2, Cat. 2 for use in explosive atmospheres

Grinding disc	Conical disc equipped with 24 tungsten carbide studs on elastic suspension. Intended for use on machine AG-220L / AG-221L	
Max recommended RPM	3600 min ⁻¹	
Size:	d = 100mm	
Weight:	0,465 kg	
Rotating burrs	Tungsten Carbide burrs, intended for use with pneumatic machine SG-330T.	
	Cylindrical head	Flat head
Size:	d = 19 mm , l = 56 mm	d = 19 mm , l = 56 mm
Weight:	0,115 kg	0,130 kg
	Conical head, big	Conical head, small
Size:	d = 19 mm , l = 72 mm	d = 10 mm , l = 61 mm
Weight:	0,133 kg	0,040 kg
Pneumatic Machines	AG-220L / AG-221L Pneumatic angle grinder	SG-330T Pneumatic straight grinder
Air Consumption (At free speed)	430 l/min	80 l/min
Air pressure	5,5 to 6,5 bar	5,5 to 6,5 bar
Speed	3600 rpm	2000 rpm
Air Inlet	1/4" equipped with CEJN S220 Nipples	1/4" equipped with CEJN S220 Nipples
Water hose	d = 8 mm	N.A
Noise Level at user Position	84 dB	85 dB
Weight	AG-220L: 1.31 kg / AG-221L: 1.4 kg	0,9 kg
Vibration Level	2,5 ms ²	2,5 ms ²

