

### Wencon Blasters

The powerful, portable and efficient shot blasting equipment for small and medium size jobs.

- Low air consumption
- Performs SA3
- Excellent blasting accuracy
- Low maintenance
- Compliant with safety standards

Wencon Blasters 13 S and 28 S are compact, very efficient and portable shot blasting units for small and medium size jobs on metal, wood or concrete. You can choose among a wide range of blasting materials including, sand, calcium, glass and Garnet blasting media.

The leightweight aluminium construction makes the Wencon Blaster corrosion resistant, and helps minimizing maintenance costs.

The Wencon Blasters are easy and safe to use. Safety features include remote controls that deprive the equipment of air pressure immediately when the trigger is released. The safety valve, also protects against any pressure surges, over the required working pressure.

Wencon Blasters are equipped with 3,0 mm respectively 4,5 mm cylindrical nozzles as standard and can therefore remove paint and clean very narrow strips avoiding damage to the surrounding areas.

Moreover, the blasters can also be equipped with larger nozzles and Venturi nozzles which are available as optional equipment. These nozzles help to increase blasting speed and enables production on wider surfaces.

#### Product numbers:

- No. 2830      Wencon Blaster 13 S
- No. 2835      Wencon Blaster 28 S
- No. 2812      Adaptor for vacuum cleaner



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### Wencon Blaster 13 S

- Air pressure: 2 – 7 bar
- Air requirement: see table below
- Hose dimension: 3/8"
- Hose length: 6 m as standard
- Tank capacity: 13 litres
- Nozzle: 3,0 mm as standard
- Weight, empty: 13 kg

**Cylindrical nozzles:** 2,5–3,5–4,0–4,5 mm

**Venturi nozzles:** 2,5–4,0 mm

### Wencon Blaster 28 S

- Air pressure: 2 – 7 bar
- Air requirement: see table below
- Hose dimension: 1/2"
- Hose length: 6 m as standard
- Tank capacity: 28 litres
- Nozzle: 4,5 mm as standard
- Weight, empty: 28 kg

**Cylindrical nozzles:** 2,5–3,0–3,5–4,0–6,0– 6,5 mm

**Venturi nozzles:** 2,5–4,0–6,0 mm

### Air Consumption

Air consumption depending on nozzle size: l/min at 20° C

Pressure (bar)		4	5	6	7	8
Nozzle (mm)	2,5	255	281	305	327	348
	3,0	368	406	440	472	502
	3,5	502	553	600	644	684
	4,0	657	725	786	843	896
	4,5	835	920	998	1070	1137
	5,0	1036	1141	1237	1326	1409
	5,5	1262	1390	1506	1614	1714
	6,0	1516	1669	1807	1936	2055
	6,5	1803	1982	2145	2296	2437

Calculated in accordance to ISO 5167

The air consumption figures above are based on maximum theoretic airflow possible.

To achieve these numbers you will have to use an air compressor that is capable of releasing these values plus an extra 15-20% which is often lost from the compressor to the blaster nozzle.

A minimum size air supply hose of 1/2", preferably 3/4" is recommended.

### Blasting Media

The maximum recommendable grain size for Wencon Blasters is 1,2 mm.

*Depending on nozzle size we can recommend the following grain sizes:*

Nozzle	Grain size
Cylindrical nozzle 3,0 mm	0,25 – 0,60 mm
Cylindrical nozzle 4,5 mm	0,25 – 1,00 mm
Venturi nozzle 2,5 mm	0,25 – 0,60 mm
Venturi nozzle 4,0 mm	0,25 – 1,00 mm