

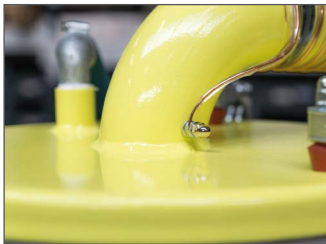


# BLASTWIZARD® ATEX SSM UNIT

Dust free blasting system SSM type 62N-050

We are happy to let you know that we have successfully implemented the modifications for a broad range of Blast Wizard blasting equipment and obtained ATEX approval accordingly by Dekra Certification BV, Notified Body nr. 0344. All of our ATEX95 equipment is Category 2 marked according Directive 94/9/EC and can be used in Zones 1 and 21.

By using a predetermined colour, our equipment is clearly recognisable. For all of our ATEX compliant equipment the colour used is yellow. An additional advantage is the fact that the Blast Wizard 98-series blastpots are in full compliance with the latest European Pressure Equipment Directive PED2014/68/EU and have EC type Examination Certificate No. 12-PED-ROT-B-12.054850-01 REV.1 issued by Notified Body Det Norske Veritas.



Grounding to release static electricity



Anti-static wheels with central grounding connection point



Pneumatic operated control system with anti-static tubing



Complete anti-static buffer on base frame

BLASTWIZARD® ATEX SSM UNIT DUST FREE BLASTING SYSTEM



# BLASTWIZARD® ATEX SSM UNIT

Dust free blasting system SSM type 62N-050

Accordingly the European Directive on pressure vessels PED2014/68/EU, all pressure vessels should be certified by a Notified Body. Straaltechniek International delivers these vessels accordingly these regulations, which are certified by DNV GL, and has also taken care of testing the attached components. Straaltechniek International therefore delivers a blast pot, as complete equipment, which complies with the European rules.

The SSM 62N-050 is a dust free blast machine designed for the surface treat of smaller surfaces and welding seams. All types of reusable abrasives can be used. Usage of slag's is advised against. The machine consists of a chassis with large wheels on which the blast pot with pre-separator and vacuum source are mounted. An offshore frame can be offered as option. Included are a moisture separator, pressure regulator and pneumatic deadmans control.

The SSM 62N is executed with a pre-separator with cover and sieve. The unit has a removable dust bin, which makes disposal of separated dust easy. The air lining, main air valve and mixing tube have sufficient diameters to allow good passage of air and or abrasive. The air lining, main air valve and mixing tube have a minimal passage of 1".

The metering valve type SU-13 assures precise adjustment to achieve an optimal ration between abrasive and compressed air. Additionally this metering valve gives you the large benefit that the pre-set dosage will not change after decompression of the system.

**In standard execution the unit is delivered with a 10-meter hose package with:**

- Vacuum blast head
- Blast hose 1" (25 x 40 mm)
- Vacuum hose 2"
- Two-line command hose (6,3 x 6,3 mm)
- Necessary couplings and hose clamps

With the standard vacuum source a maximum hose length of 20 meter is allowed, using fine graded abrasives like garnet. For longer lengths or heavier blast media a stronger vacuum source is advised.

The vacuum head is foreseen with boron carbide nozzle and two-line deadmanshandle.

**The advanced pneumatic deadmans system consist of:**

- Pneumatic amplifier (in metal control box)
- Pneumatic delay-system
- Deadmans handle including two-line command hose
- All necessary connections to main air and exhaust valve

## Technical details

Type	SSM 62N-05 (ATEX approved)
Volume	60 litre
Measurements (L X W x H)	1020 x 700 x 2150 mm
Weight empty	230 kg
Air consumption	5,5 m3/min
Air pressure	8,0 bar
Blasting pressure	3,5 - 4,0 bar
Supply hose	minimal 1" ID



SSM vacuum head



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**Straaltechniek International Group.**

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