OMSG Group SG1 Airless Automated Tumble Shotblaster



Stock No	SF1113
Manufacturer	OMSG Group
Model	SG1 FAC
Year of Manufacture	2004
Serial	10875/04
Condition	From a working environment, Good Condition
Work Envelope (WxDxH mm)	700 x 850Dia
Work Handling Method	Manual Load Tumble blast
Other Info	Work Belt Excellent Condition
Location	Our Central Warehouse, Aldridge, UK
External Dimensions (WxDxH mm)	1500 x 2500 x 3930

Description

This OMSG SG1 is an airless tumble shot blasting machine designed for cleaning, descaling, deburring, and surface preparation of small to medium metal components in batch loads.

The SG1 tumble blaster is a robust and efficient surface treatment machine designed for the cleaning, descaling, deburring, shot peening, and surface preparation of small to medium-sized components.

Using a high-performance airless turbine blasting system, it delivers uniform and repeatable results while minimising

abrasive consumption and operating costs. The continuous tumbling action ensures all component surfaces are exposed to the blast stream, reducing manual handling and improving productivity. Its compact footprint, reliable construction, and low maintenance requirements make it well suited to high volume manufacturing environments.

Key Applications

- Foundry castings cleaning and desanding
- Forged component scale removal
- Deburring and edge radiusing of machined parts
- Surface preparation prior to painting, coating, or plating
- Shot peening to improve fatigue resistance
- Cleaning of fasteners, pressings, and small fabricated parts

Typical Specifications

- Airless turbine blast system with high efficiency blast wheels
- Rubber or steel tumble belt for continuous component rotation
- Suitable for batch processing of small to medium-sized components
- Automatic abrasive recovery, cleaning, and recirculation system
- Integrated dust extraction and filtration capabilities
- Heavy duty manganese steel wear protection in blast chamber
- Designed for a wide range of metallic components including steel, cast iron, aluminium, and forged parts

The SG1 provides consistent surface finishes, reduced processing times, and lower operating costs, making it an ideal solution for foundries, metal fabricators, automotive suppliers, and general engineering manufacturers seeking reliable, high throughput surface treatment.

Specification

- Running Hours 2461
- Fan Motor - 1.5kW

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.