

ALUMINIUM SPRAYING MACHINE **ASM**

Part no. WMASM

Aluminium Spraying Machine (ASM) is made to restore and repair larger damages on Diamond Cut Alloy Wheels, with a original finish, delivering a durable, OEM-safe repair in minutes.

Unlike traditional welders, the ASM uses a sprayable aluminium filler that bonds to the damaged area without heat, cables, or distortion. Simply connect power, compressed air, and load the material—setup is plug-and-play.

The compact spray gun fits inside the Wheel Blasting Machine, allowing you to blast and fill at the same station. The filler matches 85-90% of the original alloy, letting you repair only the damaged area without removing good metal.

Factory-set spray pattern and flow mean no welding skills are needed. Once cured, the repair is tough enough to handle tyre changes, kerbing, and seasonal wear—restoring premium wheels with speed, precision, and minimal downtime.



OEM-safe cold-spray process

Repairs stay below the critical heat threshold, preserving structural integrity.

Up to 90% alloy match

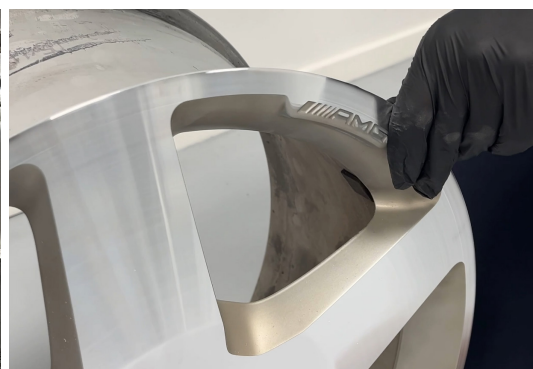
Powder chemistry and particle velocity create a finish that blends visually and metallurgically with the parent rim.

Minimal metal removal

Build material into the gouge instead of skimming the whole wheel face.

Special skills not required

Intuitive dial control; if you can use a spray gun, you can use the ASM.



WHEELRESTORE®



more information and a video
demo of the ASM available at:
smartrepair-shop.com

SPECIFICATIONS

Working air pressure	0.5 – 0.9 MPa
Air consumption	0.45 m³ min⁻¹
Part surface temp.	≤ 50 °C during spraying
Warm-up time	≤ 8 s to operating temperature
Noise level	≤ 75 dB
Power supply	230 V AC, 50/60 Hz, 3 kW (1-phase)