

## CM Modena CM L50 Shot Blast Machine



|                                |                                     |
|--------------------------------|-------------------------------------|
| Stock No                       | <a href="#">SZ901</a>               |
| Manufacturer                   | <a href="#">CM Modena</a>           |
| Model                          | CM L50                              |
| Year of Manufacture            | 1980                                |
| Serial                         | 90007/54                            |
| Condition                      | From a working environment          |
| Work Envelope (WxDxH mm)       | 500 mm wide belt                    |
| Work Handling Method           | Manual load - auto product tumbling |
| Other Info                     | Run Hours - 4882                    |
| Location                       | Our Central Warehouse, Aldridge, UK |
| Weight (kgs)                   | 890                                 |
| External Dimensions (WxDxH mm) | 1400 x 1600 x 2750                  |

### Description

#### **CM Modena L50 Tumble Shot Blast Machine**

A special anti-abrasive rubber belt arranged as a cradle receives the pieces to be treated and with its rotating movement maintains them in a constant tumble exposing all facets to the blast media stream.

The pieces are hit by the jet of abrasive generated by the turbine, and by continuously changing position, they receive the

shotblasting treatment uniformly on all the surfaces.

The Tumble blast model Shot blasting machine can satisfy a range of different needs in blasting, providing excellent results in terms of productivity, safety and energy savings.

Some examples of use for the L 50 Tumble blast (batch processing) model Shot blasting machine are:

- Descaling of hot forgings, hot stampings workpieces manufactured in steel or non-ferrous alloy.
- Descaling of hot-rolled profiles, tubes, plates before painting.
- Finishing of cast light alloy for automotive components
- Shot-Peening of springs and mechanical elements for fatigue life improvement.
- Removal of refractory (ceramic) material from precision castings, and their deburring after cutting.
- Cleaning of tools: - after brazing of hard metals or cemented carbide inserts or tips - after heat treatment - before coating.
- Cleaning of dies for aluminum extrusion industry.
- Cleaning of moulds for fabrication of glass containers.
- Cleaning of dies used for permanent low pressure and gravity die casting of light alloy components (automotive, furniture parts, etc.).
- Cleaning, reconditioning of parts of automotive such as: brakes, clutches, shock absorbers, steering knuckles, ball joints, etc.
- Mechanical artificial ageing for aesthetic purposes natural stone and resin or cement bond agglomerates.
- Deflashing of thermoset (sintered, and injection molded) plastics and fiberglass parts.
- Deburring, finishing of sintered metal (powder metallurgy) components.
- Deflashing, finishing of high pressure die castings (engine components, ornamental hardware, aircraft and missile components, etc.).
- Core knockout, cleaning (fettling) of ferrous and non-ferrous sand castings.

#### Machine Specifications:

- Model L50
- Load capacity (kg) 70
- Working Volume (dm<sup>3</sup>) 28
- Blast mill dimensions Ø 422 (mm) x 520 L (mm)
- STAstandard belt hole size 7mm
- 4.73 KW full load
- Full load in amps 7.95
- Voltage 3~ 415 50hz

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