

Carlo Gennari – Milan Italy

*shot blasting machines, sandblasters , second-hand machines.
Refurbished machines with warranty*

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<http://carlogennariforni.beepworld.it/occasionesabbiatrici.htm>

SANDBLASTING TUNNEL Machine with passage Mod DTBL 8 x 5 **4 turbines Conveyor with 12% Manganese steel mesh belt** **for continuous shot blasting of aluminum and steel components**



1 - INTRODUCTION

The shot blasting system is of the continuous passage type and is suitable for the treatment of components in aluminum, steel, etc. by means of a conveyor system on a 12% Manganese steel mesh belt conveyor.

The installation has a tunnel configuration mainly consisting of a central shot blasting chamber equipped with 4 turbines for the centrifugation of the metal shot.

The inclined turbines, opposed and inclined by about 15 ° with respect to the direction of advancement, are arranged two above the material to be treated and two below in order to guarantee a shot blasting of all exposed surfaces.

The turbines are regulated with double inverters (above and below) for the automatic regulation of the intensity and force of launching the metal shot on the pieces.

2 – TECHNICAL DATA

Pieces to be blasted	Aluminum castings, steel components
Parts material	Aluminum, steel
Required cycle	Automatic on network tape
Feed speed	mt / min. 0.5 - 2.5 adjustable with inverter
Tunnel type	with mesh belt

Tunnel Tunnel Turbines

**useful width 850 mm
height 500 mm
n° 4 (2 above and 2 below)**

Turbine diameter	mm 360
Turbine power	kW 7.5 each with inverter regulation
Automatic filter	flow mc / h 4500
Total installed electrical power	kW 43 approx.
Overall dimensions	5500x2200 mm H = 5300 mm

3 – MECHANICAL COMPONENTS

The blasting tunnel is made of thick carbon steel with protection and armor with plates and central launch chamber in 12% Manganese steel designed to ensure a long life against the abrasive action of the blasting itself.

A series of accessories complete the system functionality:

COCHLEA

BUCKET ELEVATOR

Nr. 4 TURBINES

Two inverters installed

BLOWER

NET BELT CONVEYOR: is made of 12% MANGANESE STEEL steel mesh with metal wire mesh.

AUTOMATIC FILTER MOD. FC6

The automatic filter consists of a series of Venturi nozzles into which compressed air is blown: the impact effect on the cartridges allows them to be cleaned according to a modifiable logical cycle.

Guaranteed dust emission below 5 mg / Nm³.

Technical features

- Model Type	Fc	06
- Number of cartridges	n.	6
- Filtering surface	m ²	60

4 – ELECTRICAL COMPONENTS - CE

The electrical control panel, as well as the total wiring of the system is made to standards with CE certification, manages all the machine utilities.

5 - WARRANTY duration 12 months from the delivery date.

6 - INDUSTRY 4.0: possibility of execution in line with Industry 4.0 requirements

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