

**ROLL CONVEYOR SHOT BLAST MACHINES**

**Application sectors**

01.00	Carpentry, Boiler builders, Shipbuilding	<input checked="" type="checkbox"/>
02.00	Rail industry, Production and Maintenance	<input checked="" type="checkbox"/>
03.00	Foundry, Steel industry, Mining, Oil industry	<input type="checkbox"/>
04.00	Inox manufacturing and furnishing	<input type="checkbox"/>
05.00	Aviation industry	<input type="checkbox"/>
06.00	Thermal treatment, Filling steel, Mechanics	<input type="checkbox"/>
07.00	Car and motoring industry	<input type="checkbox"/>
08.00	Internal and external pipes and cylinders sandblasting	<input checked="" type="checkbox"/>
09.00	Plastic, Rubber and Galvanic	<input type="checkbox"/>
10.00	Painting company and plants	<input checked="" type="checkbox"/>
11.00	Glass industry	<input type="checkbox"/>
12.00	Building and Road construction	<input checked="" type="checkbox"/>
13.00	Nuclear energy	<input type="checkbox"/>
14.00	Weapons industry	<input type="checkbox"/>
15.00	Electromechanics and Electronics	<input type="checkbox"/>

**Pictures**



## ROLL CONVEYOR SHOT BLAST MACHINES

### Description

The roll conveyor shot blast machines of our production are intended as treatment lines for sheets and profiles highly reliable and cheap, thanks to their high performance, sturdy and accurate construction.

This kind of machine allows the automatic and continuous blasting of sheets, profiles, pipes, prefabricated elements and similar structures, sliding on a horizontal plane consisting of roller conveyors. The materials (raw and/or oxidized) enter a short tunnel and come out completely blasted to the degree required by the customer.

The mechanical launch of the abrasive takes place through wheels and the production speed is adjustable. The grit launch wheels with centrifugal pre-acceleration of our conception result to be high efficiency, allowing an excellent supply of energy consumed – work performed.

Our roll conveyor shot blast machines are also equipped with:

- An efficient blowing and brushing system for the output pieces
- Effective separation and classification of the abrasive performed continuously.
- A central shot blasting cabinet internally built in double thickness manganese steel at the points of greatest wear.
- A sturdy roller conveyor for material transport with DC motorization (on request).
- Entrance and exit vestibules with upper and lower curtains in anti-wear rubber to keep as much as possible the abrasive exit, even on sections.
- Electrical panel and electrical system according to CE standards with a “drop-down” starting system of each mechanical unit.

### Technical details

Model	ROLL 8	ROLL 15 PRO	ROLL 155 PRO	ROLL 205/4/HD	ROLL 205/6/HD	ROLL 307 SP
Wheels number	4	4	4	4	6	6
Wheels power	5,5 kw	7,4 kw	14,8 kw	22 kw	18,4 kw	22 kw
Production speed	0,8 – 1 m/min	0,8 – 1 m/min	1 - 1,5 m/min	1 – 2 m/min	1 – 2 m/min	1 – 2 m/min
Installed power	29,4 kw	46,2 kw	81 kw	120,6 kw	142,6 kw	175 kw
Filter capacity	60 m <sup>3</sup> /min	130 m <sup>3</sup> /min	200 m <sup>3</sup> /min	300 m <sup>3</sup> /min	300 m <sup>3</sup> /min	320 m <sup>3</sup> /min
Pieces' passage size (L X H) plates	1000 x 30 mm	1250 x 30 mm	1500 x 30 mm	2500 x 30 mm	2500 x 30 mm	3000 x 40 mm
Pieces' passage size (L X H) beams	800 x 300 mm	900 x 300 mm	1200 x 300 mm	1300 x 400 mm	1600 x 400 mm	1700 x 500 mm
Bulk max dimensions out of the pit						
Length	6150 mm	6800 mm	7450 mm	8810 mm	8810 mm	10400 mm
Height	4850 mm	4900 mm	5200 mm	5870 mm	5870 mm	6100 mm
Width	2200 mm	2450 mm	4100 mm	4900 mm	4900 mm	5200 mm