

Shotblasting | PROFILES, STRUCTURES, PIPES AND PLATES



EXPERIENCE – TECHNOLOGY - DEVELOPMENT





Shotblasting | PROFILES, STRUCTURAL SHAPES, PIPES AND PLATES



Cym Materiales SA manufactures continuous flow equipment for shot blasting welded structural shapes, profiles, bars, plates, steel strips and pipes according to the needs of each customer.

The abrasive is propelled by centrifugal turbines. The number of turbines for each machine depends on the size of the parts to be blasted or the speed required.

In the PER and CH equipment lines, the blast wheels are located at 90 degrees from the parts pass-line, while in the EST line, they are located at different abrasive projection angles.

The conveyors may be a parallel roller bed or an overhead rail conveyor that introduces the parts into the chamber continuously. The machine may be equipped with in-line painting to avoid costly secondary handling of the parts.



PER AND CH BLAST CLEANING MACHINES

MODEL	TURBINES		MATERIAL				PASS SIZE SECTION		PRODUCTION
	Quantity	HP	Profiles	Plates	Pipes	Welded Structures	Width mm	Height mm	m/minutes
CH 1500 H	4	7.5 - 10 - 15 - 20 - 30 - 50	X	X	X		1500	300	0.5 a 6
CH 3000 V	6			X			150	3000	0.4 a 5
PER 3 X 3	4		X	X	X		300	300	1.7 a 18
PER 6 X 6	4		X	X	X		600	600	0.8 a 9
PER 8 X 8	4		X	X	X		800	800	0.6 a 6
PER 10 X 6	4		X	X	X		1000	600	0.6 a 6
PER 12 X 12	4		X	X	X		1200	1200	0.4 a 5

Advantages of wheel blast machines:

- Higher production volume, minimizing operating cost.
- Enhanced finish consistency of processed pieces.
- Automatic shot blasting process, which does not require skilled labor.
- With proper equipment operation, there are no health problems for the staff, or damage to the facilities.
- They do not pollute the environment.

EST BLAST CLEANING MACHINES

MODEL	TURBINES		MATERIAL				PASS SIZE SECTION		PRODUCTION
	Quantity	HP	Profiles	Plates	Pipes	Welded Structures	Width mm	Height mm	m/minutes
EST 6 X 12	4	7.5 - 10 - 15 - 20 - 30 - 50	X	X	X	X	600	1200	0.5 a 6
EST 12 X 12	4		X	X	X	X	1200	1200	0.4 a 5
EST 15 X 15	8		X	X	X	X	1500	1500	0.8 a 8
EST 15 X 20	12		X	X	X	X	1500	2000	0.8 a 9
EST 15 X 30	16		X	X	X	X	1500	3000	0.8 a 9

Note: The maximum parts pass size section and the production speed can be adapted to the customer precise requirement.

CYM MATERIALES S.A.
 Brigadier Estanislao Lopez Nº 6
 (S2108AIB) Soldini - Santa Fe - Argentina
 Phone: (54-341) 490-1100 / Fax: (54-341)490-1366
 www.cym.com.ar / E-mail: infocym@cym.com.ar

