

SHOT BLASTING MACHINE

# EST 15X15



- o MOST EFFICIENT SELF CONTAINED SHOT BLASTER FOR PROFILES, STRUCTURAL STEEL AND BEAMS.
- o AUTOMATIC CLEANING PROCESS.
- o ENVIROMENTALLY FRIENDLY.
- o CONSISTENCY FINISH.



**CYM** MATERIALES S.A.  
SOLUCIONES INDUSTRIALES

## RELEVANT FEATURES

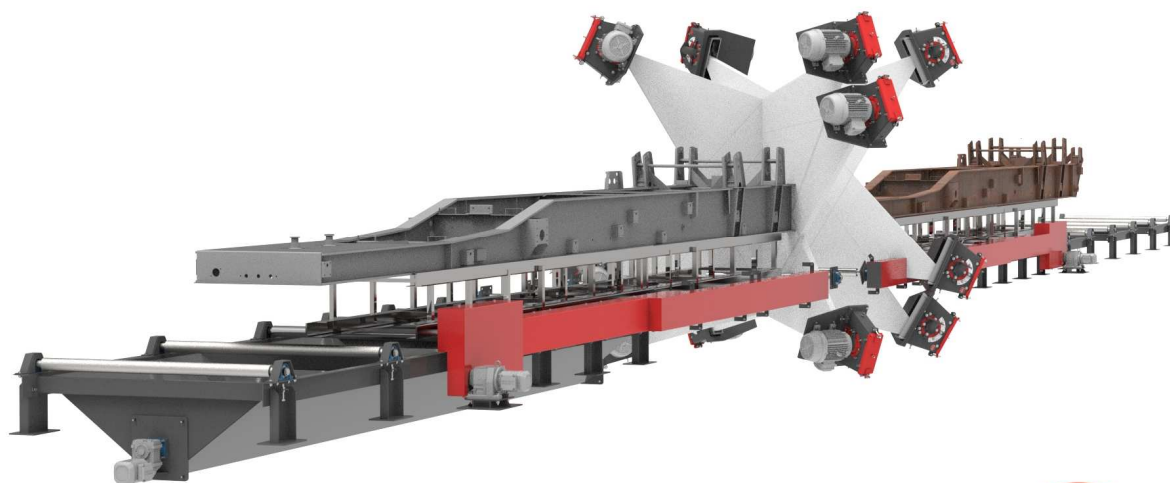
- Automatic shot blasting process, does not require skilled labor
- Handle profiles up to 60-inch (1.5 m) W X 67-inch (1.7 m) H , including welded structures, beams, angles, bars, and tubes
- Eight blasting turbines positioned inclined to the passage of parts producing up to white metal finish conditions
- For long life, the blast cabinet is made of steel 1010 with internal layer of manganese Steel (11/14%)
- Additionally, reinforcement in hot areas with high chrome cast steel plates ( $\geq 64Rc$  hardness)
- External auger for the return of shot accumulated in blasted profiles
- Highly efficient abrasive recovery and separation system to prolong shot life
- Complete state-of-the-art air filter unit guarantee a dust free environment.
- Constructed in compliance with IEC or NEMA standard regulations.
- Optional
  - Electric motion detection sensor for elevator belt, screw and roller conveyor
  - Abrasive flow valve control with electrical linear actuators controlled by HMI
  - Transfer for loading and unloading parts

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### TECHNICAL DATA



Maximum Profile Height	1700 mm - 67"
Maximum Profile Width	1550 mm - 60"
Minimum Work Piece Length	3 m - 118"
Maximum Work Piece Length	According to requirement
Maximum Weight of Work Piece	560 kgs/m - 1230 lb/m
Working speed	0.5 to 2m /min - 20" to 6.5 ft/min
Number of Blast Wheel / Drive	8 x 15 HP - 11.5 Kw
Abrasive Flow Per Turbine	160 Kgs/min - 353 lb/min
Total Abrasive Flow	1280 kgs/min - 2824 lb/m
Dust Collector	288 m3/min - 10170 cfm
Total installed power	173.5 HP - 130.12 Kw



### FACTORY AND HEADQUARTERS

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