



## PC - SHOT BLASTING MACHINES WITH ROLLER CONVEYOR



Continued shot blasting of the corroded layer and filings from tubes surface, round sections, gas steel bottles and other cylindrical elements with different types of abrasive, easier and faster cutting and welding of steel semi-finished products with clean surface, multiple increase in durability of surface-protective applications, e.g. colour, enamel, improving structure of the surface of treated objects.

### DESCRIPTION

Treated objects move through the machine on conical cylindrical conveyor or on conveyor with askew wheels.

Such form of the conveyor provides simultaneous rotation and transition movement of the product through the machine, which is a condition for evenly blasted surface.

Turbines made from wear-resistant materials, with power from 5.5. to 30 kW provide efficient and quality shot blasting.

The shot blasting part of the machine's robust housing is protected by wear-resistant shields made from manganese steel.

Entry and exit seals chamber with a series of rubber screens keep the abrasive inside the machine.

Screw conveyor, an elevator and sand cleaner provide returning and continuing cleaning of the abrasive.

Standard equipment includes: PLC Kloeckner Moeller or Siemens, display, automatic or manual mode, automatic start-up of turbines, working-hours counter, variable frequency drive of the cylinder drive, etc.

Machines may be built into highly productive lines for basic colour application, including drying chamber, automatic colouring chamber and drying tunnel.





**TECHNICAL DATA**

MACHINE TYPE -->	PC-114	PC-120	PC-160	PC-320	PC-500	PC-800	PC-1200
Max. diameter of tubes (in.)	4½"	4¾"	6¼"	12½"	19⅝"	31½"	47¼"
Max. pass speed (ft./min)	28.5	29.5	32.8	26.25	20.34	9.84	16.4
Min. pass speed (ft./min)	6.56	8.2	3	8.2		6.56	4.59
Installed Power (kW)	11	18.5	30	66			
Type of transportation	Rollers						
Machine weight (lb)	6,834	7,143	7,937	9,921	14,330	16,314	21,164

**FLOOR PLAN**

