

MEC SHOT BLASTING EQUIPMENTS PVT. LTD.

[An ISO 9001:2015 & 14001:2015 Certified Company]



Air Operated & Airless Shot Blasting Machine • Shot Peening Machines • Blast Room • Paint Booth • Baking Oven • Dust Collector

ROLL ETCHING MACHINE

(Standard Series)



with classifier unit

MECSHOT Quality & Rugged Design with Quality for Required Application

MECSHOT Roll Etching Machine is specially designed for surface etching & cleaning the rolls of variable sizes to generate desired roughness / matte finish on roll out steel sheets. The machine operates on the direct pressure principle of abrasive blasting.

Salient Features :

- ▶ Mechanical gun reciprocation for uniform blasting.
- ▶ Automatic rotation of job.
- ▶ Vibratory sieve classifier for getting consistent Ra value.
- ▶ Roll drive with track extension to facilitate rotation, loading and unloading.
- ▶ Fabric bag dust collector to keep environment clean & eco friendly.
- ▶ Proper illumination.



(Classifier unit)



(without classifier unit)

TECHNICAL SPECIFICATION SHEET :

SPECIFICATION	MODEL		
	PB-301515 SPL	PB-401515 SPL	PB-501516 SPL
Cabinet Size in mm L X W X H	3000 x 1500 x 1500	4000 x 1500 x 1500	5000 x 1500 x 1600
Overall Dimension in mm L X W X H	6770 x 4320 x 5500	9000 x 4320 x 5500	10020 x 4320 x 5500
Roll (Job) (I) Roll Dia X Length mm (Max.) (II) Barrel Length in mm (Max.) (III) Weight in Kg.	500 x 2000 1400 3	500 x 3000 1700 4	600 x 4100 2000 5
(I) Roll Rotation RPM (II) Drive, HP	8 2	8 2	8 2
TC Blast Nozzle DIA, mm	8	8	8
Nozzle Reciprocation Speed mm / min. Max Stroke Length mm Drive, HP	102 1500 1	102 1800 1	102 2000 1
Motorized work car drive, HP	0.5	0.5	1
Dust Collector (I) No. of Bags (II) Filter Cloth Area (m ²) (III) Motor, HP (III) Shaker, HP (IV) Fan Capacity, CFM	24 18 10 0.5 1500	24 18 10 0.5 1500	24 18 10 0.5 1500
Air connection at Machine Inlet, Compressed Air Requirement, CFM at 90 PSI	1" BSP 135	1" BSP 135	1" BSP 135
Electric Load, KW 3Ø / 415V / 50Hz	12.1	12.1	12.8



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H.O. & Works: E-279, M.I.A., Phase II, Basni
JODHPUR-342 005 (RAJASTHAN) INDIA

Phone : 91-291-2740609, 2744068

E-mail : mail@mecshot.com

Website : www.mecshot.in

