

SS-100

Integrated Brushing & Parting Machine for
Motorcycle Battery Plates - Cutting along X & Y axis



Machine Comprises of :

A Brusher Parter machine with a maximum speed of processing of 80 panels/min. with the following features :

- * Most efficient vacuum pick-up feeder with 710mm long magazine for pasted plates (with two separate geared motor drives of 3ph 0.5HP on either side of vacuum feeder to align lug-stack to match the pick-up & to make-up the non-parallel movement of stack; if any.)
- * Electric Control Panel for PLC controlled operation.
- * Main drive geared motor 3ph - 1HP controlled through VFD.
- * Plate Stacking station for take-off of Brushed & parted plates.
- * Suitably placed sensors to avoid / detect double feed.

"Shingania" are masters of "Plate Brushing & Parting Machines" Whether it is

- a) An Automotive Plate
- b) Multiple Panel Motor Cycle Plate
- c) Multiple Panel VRLA Plate
- d) Large size Thick VRLA Plate
- e) Thin Lead - Calcium Plate

"Shingania" provides excellent user friendly & productive machines. "Shingania" are proud to state that in every factory of EXIDE INDIA (producing motor cycle batteries also), there are three or more machines supplied by "Shingania", working round the clock for years together producing hundreds of thousands plates every shift.

Machine Specifications:

- 1) Capacity : 80 Multipanels per minute
- 2) Multipanel width : 180mm to 320mm (inclusive of lugs)
Multipanel Height : 110mm to 200mm
Multipanel Thickness : 1.2mm to 4.5mm
- 3) a) Power : 3 x 415 V x 50 Hz
b) Control Panel : One
Complete in all respects with PLC / VFD (VFD suitable for two nos. of main drives)
- 4) Exhaust Required : 6000 m³ / Hr.
- 5) Power Required : Six motors - ½ HP
Two motors - ½ HP
Three motors - 1 HP
One - 5HP
- 6) Pneumatic & Cylinders: Three
- 7) Machine Length : 8.5 meter (5.5 + 3)
Machine Width : 1.1 meter
Machine Height : 1.850 meter
Machine Weight : 2250 kgs.



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