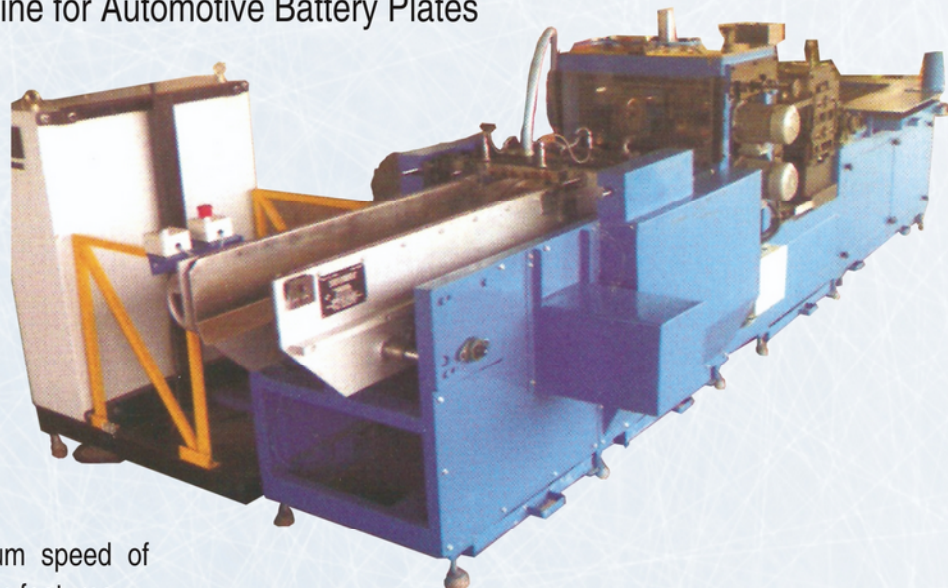


# SS-125

## Automatic Brushing & Parting Machine for Automotive Battery Plates



### Machine Comprises of :

A Brusher Parter machine with a maximum speed of processing of 100 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 VED.
- \* 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.

Optional feature : Cleaning station for : Four sides / edges of finish / cut plates -A stack of plates cleaned along edges by four motors mounted with suitable wire brushes.

### Machine Specification

- a) Capacity : Max 125 plates / minute
- b) Power : Three phase x 415V x50 Hz.
- c) Control Panel : PLC & VFD
- d) Pick-up : Suction type with heavy duty vacuum pump provided.
- e) Stacking Width : Max - 305 mm (pasted plate width min. -185mm of double panel) This is standard width, size can vary as per customers requirement.
- f) Power Required : Four motors - 1/2 HP  
Two motors - 1/2 HP  
One motors - 1 HP  
One - 5HP
- g) Machine Size : Length - 4500mm  
Width - 1000mm  
Height - 1300mm
- h) Machine Weight : 1700 kgs.



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