



The difference between Axi-Flow and Maxi-flow

For Axi-flow machine, higher suction is necessary at material entry point for transportation of cotton from preceding machine to the next machine through Axi-flow.

Due to higher suction, cotton passes through the beater very quickly thus resulting in bigger tuft size and less cleaning. It also results in loss of good fiber under the beater.

In Maxi-flow, the material is dropped in the machine by gravity through a condenser and advances with the beater action. The material is removed from Maxi-flow with the help of suction from the next machine.



The conversion consists of

- Condenser
- Material Feeding duct with photocell
- Side door with top opening
- Out let duct and air adjusting system
- Beater motor of 7.5 KW

Benefits of conversion

- Increase in machine cleaning efficiency by 40 – 50%, thus resulting in better yarn quality
- Reduction in lint loss
- Higher cleaning without any damage to fibers through efficient usage of air currents
- Less neps due to better opening at this point

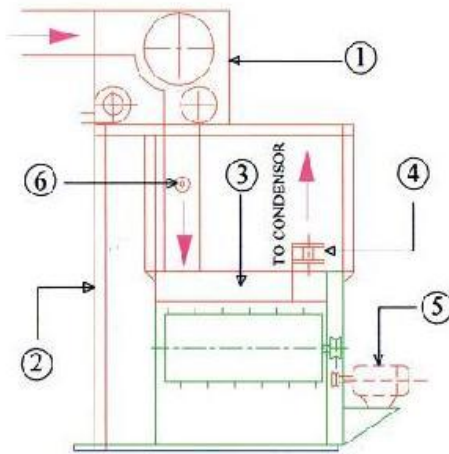


conversion of Axi-flow to Maxi-flow



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CONVERSION OF AXI-FLOW TO MAXI-FLOW



SCOPE OF SUPPLY

1. CONDENSOR	01 No.
2. MATERIAL FEEDING DUCT	01 No.
3. SIDE DOOR L/H & R/H	01 No.
4. OUTLET DUCT & AIR ADJUSTING SYSTEM	01 No.
5. INDUCTION MOTOR 7.5KW	01 No.
6. PHOTOCCELL	01 No.

NOTE:

- 1 – RED SHOWN FOR SCOPE OF SUPPLY MATERIAL
- 2 – GREEN SHOWN FOR EXISTING MACHINE

The cleaning efficiency of Axi-flow machine is a very important parameter for quality yarn spinners. We offer a conversion for improvement in Axi-flow machine. The modified machine “**Maxi-flow**” is the best solution to improve the cleaning efficiency of Axi-flow machine.

Conversion time is maximum one day and it can be carried out without losing production by bypassing the machine for a short period.

Also, conversion can be done without shifting the machine from its installed position.



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