



AUX Design
Advanced Unique X for Balance Rolling-press Winding Runout-Insp.

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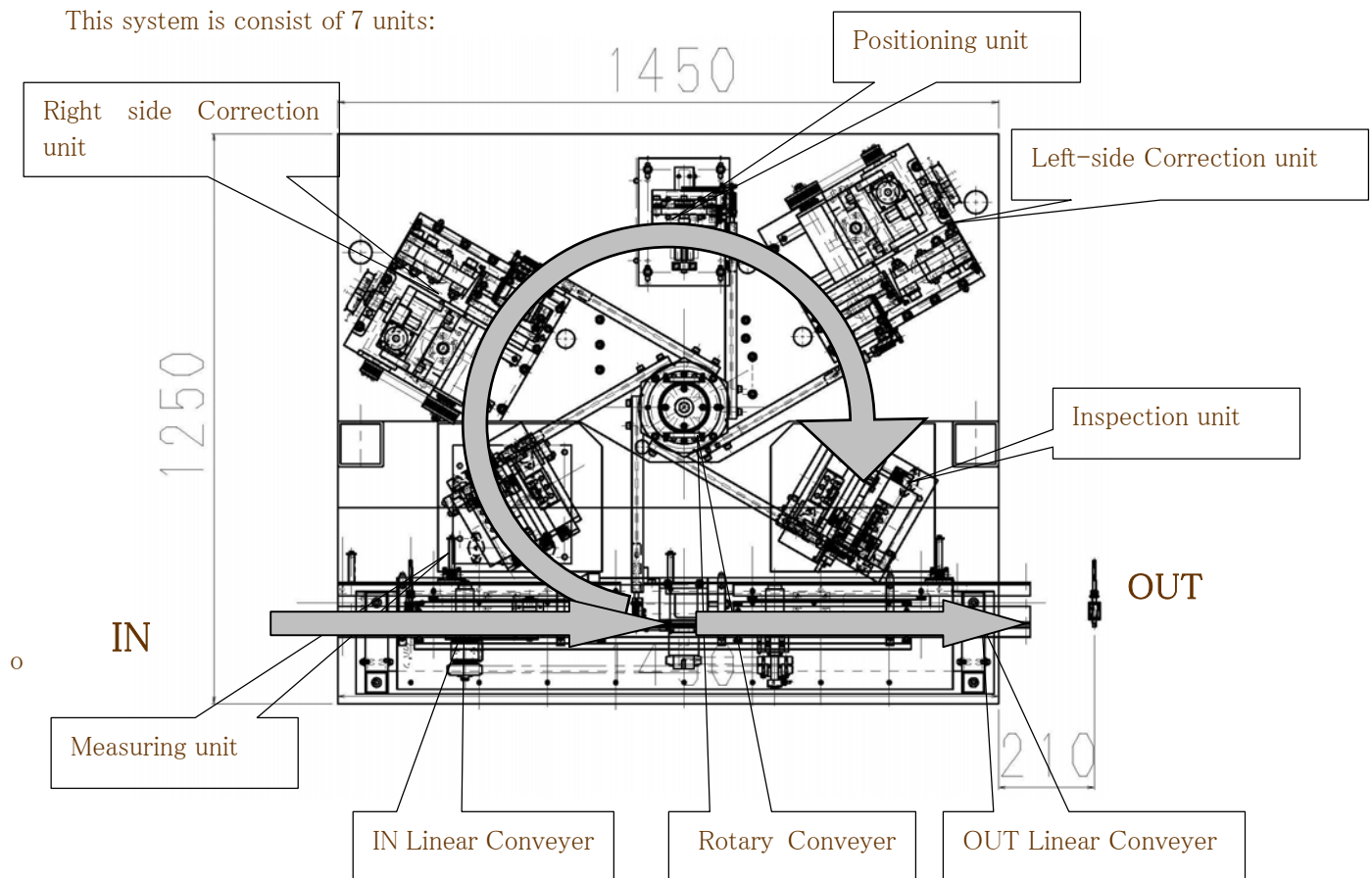
ADAB-501-FS Full Automatic Balancing Machine

ADAB-501-FS is Full-automatic balancing machine.

The newly software technology allows the production rate of ^{*1} 900 pcs per hour. And it's compact .

System structure

This system is consist of 7 units:



- Measuring unit:
 - This unit measures unbalances in both measuring plans(Left side ,Right side).
 - If the amount of unbalance is over the permissible unbalance, this unit stops the rotor at the correction point.
- R & Lside Correction unit
 - In case of correction process, clamp the rotor
 - Remove the necessary weight by milling
- Positioning unit
 - Position the rotor at other correction position
- Inspectin unit
- Make sure that the residual unbalance are with in the permissible unbalance.



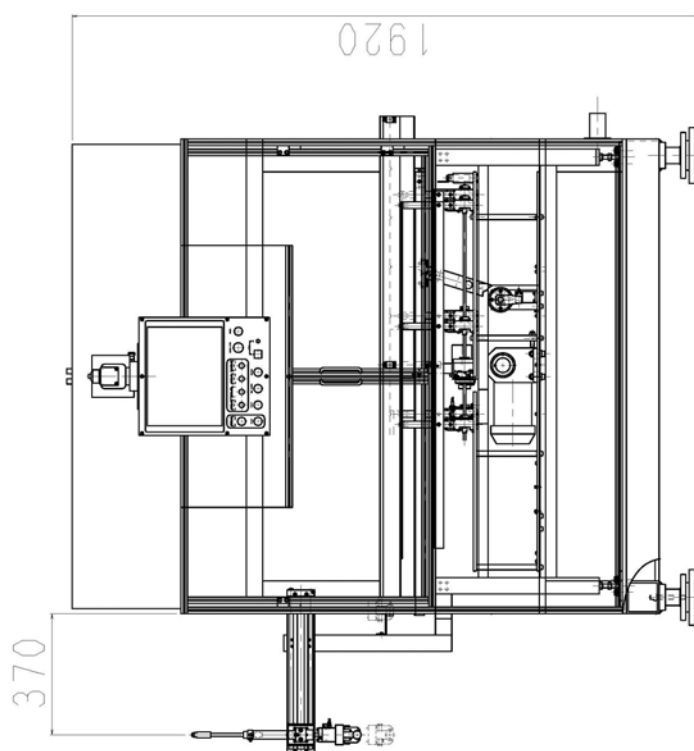
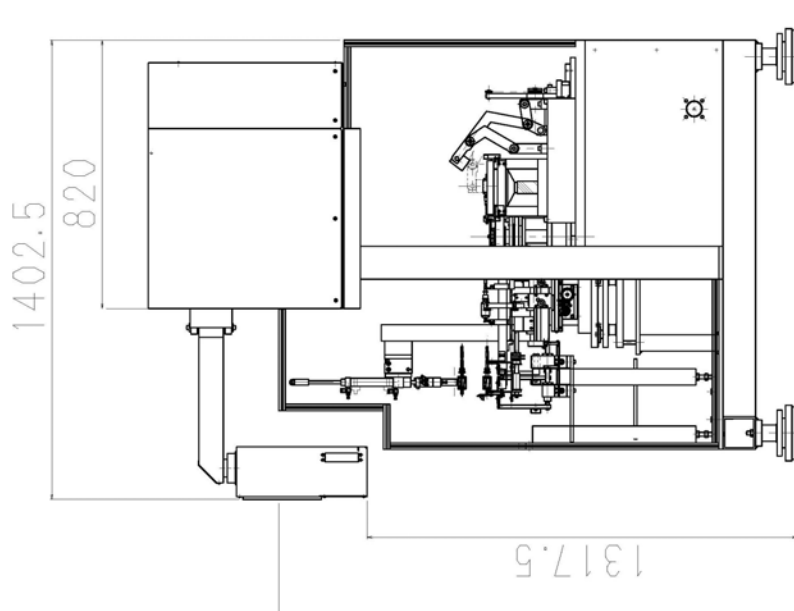
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*1 Production rate
900pcs per hour

- Weight of rotor is 80-200g , Dia. of rotor is $\Phi 22-35\text{mm}$
- Need a signal to determin the angular position
- Reduction ratio is 1/5 or less.
- Permissible unbalance is 20mg.cm or more.
- Revolution speed is 1800rpm.