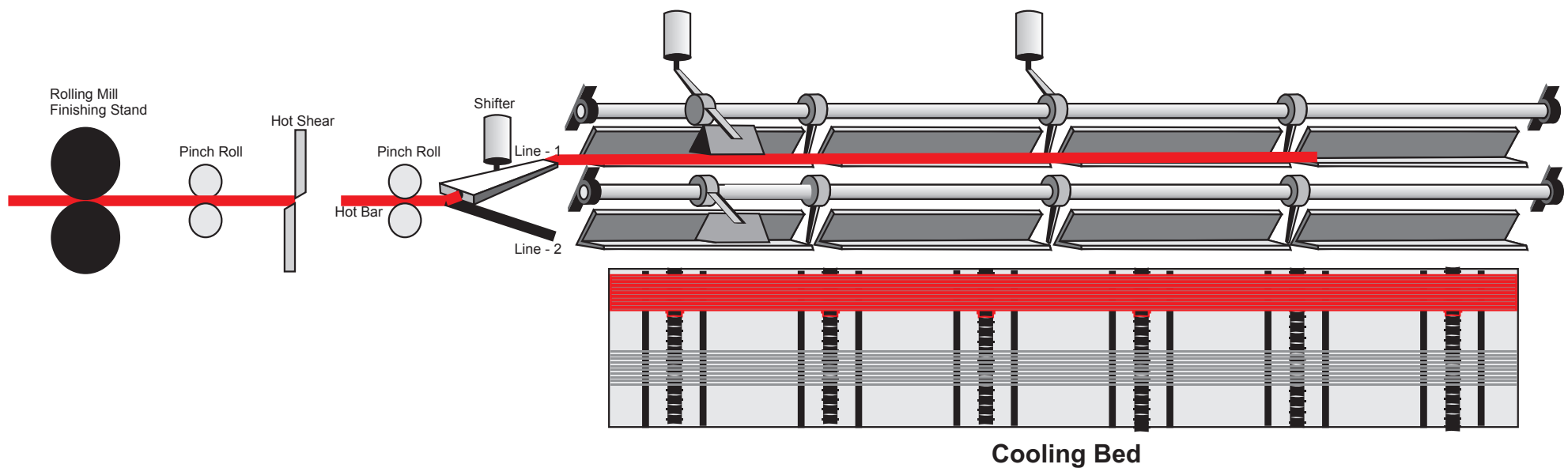


# AUTO TWIN ANGLE

PLC CONTROLLED TWIN BAR COLLECTOR WITH TAIL BREAKS





'Auto Twin Angle with Tail Breaker' features a bar handling mechanism used to collect TMT Bars and profiles like rounds / squares / hexagon upto 50 mm dia. It is a complete PLC controlled mechanism starting from shearing operation till the collection, breaking and dropping of the bars onto the cooling bed.

The mechanism ensures the use of flying / rotatory shear. It provides more flexibility in the process by controlling the speed of the bar in the cooling bed.

It is the only one which can handle the bars leaving the quenching boxes as well as hot bars without quenching, in two strands which are collected one by one alternatively in the angle and discharged to the cooling bed automatically. Unlike other systems ours being open type there is no chance of material blockage or entangling in the system. Inbuilt tail-breaker makes our system most suitable for high speed mill.

## AUTOMATIC PLC CONTROL PANEL

### SAILENT FEATURES

- Shaft encoder for linear speed
- Hot metal detector
- Mini PLC
- Size indicator
- Length indicator
- Pinch roll dia indicator
- RPM indicator
- Brake speed
- No. of pieces rolled

### BENEFITS

- Automatic sizing, shifting & breaking
- Suitable for high/low speed TMT re-rolling mills
- No cooling/ hydraulic/ jamming system
- Complete monitoring
- Better quality control
- Savings in manpower
- Better mill utilization





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