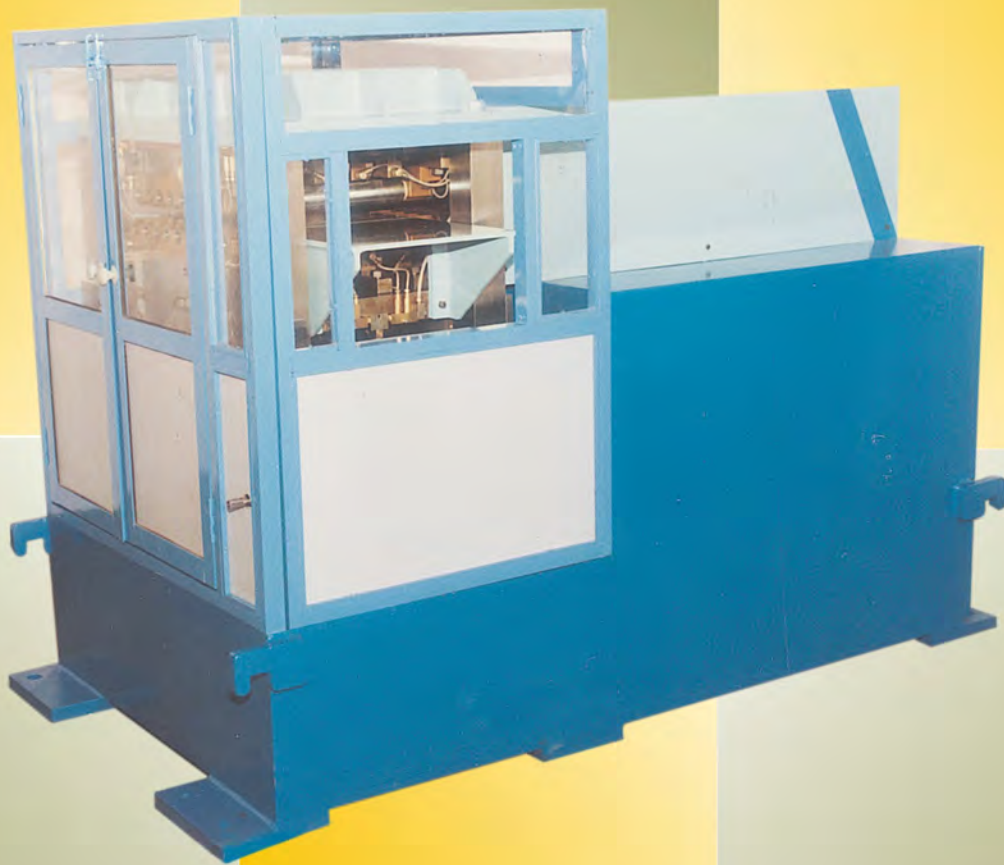


Component Leveller

For high degree precision

High Quality Product for
Precision Levelling of components



Reduces component rejection,
Increases customer satisfaction.

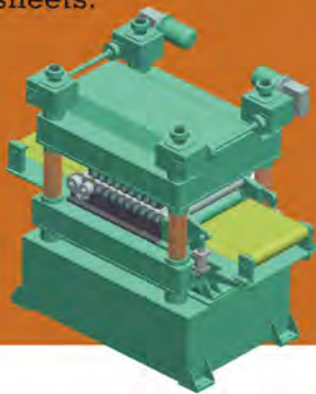


Why Press Room Levellers are your Profitable Decision...

- Field Experience of more than 15 years.
- Proper Engineering & Design
- Correct Manufacturing process
- Rigid frame work
- Proper material selection & machined to highest dimensional accuracy.
- Right rollers material & right process of manufacturing.
- Best machine rigidity requiring no special foundation.
- Easy access to parts for cleaning & maintenance.
- Proper operator training.
- Trained field technicians to support you for service & application.
- Ease of parts/spares availability.
- Single Person handling.
- Free test trials for your components at our test lab.

Introduction

In the range of sheet metal coil feeding automation, Press Room has been redefining the industry standards & have brought out precision levellers for straightening of coils, strips, components, sheets.

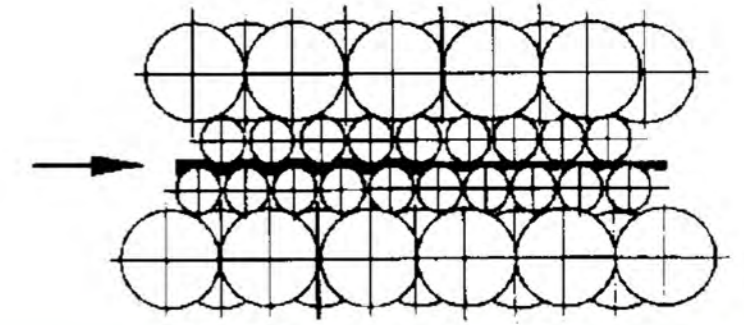
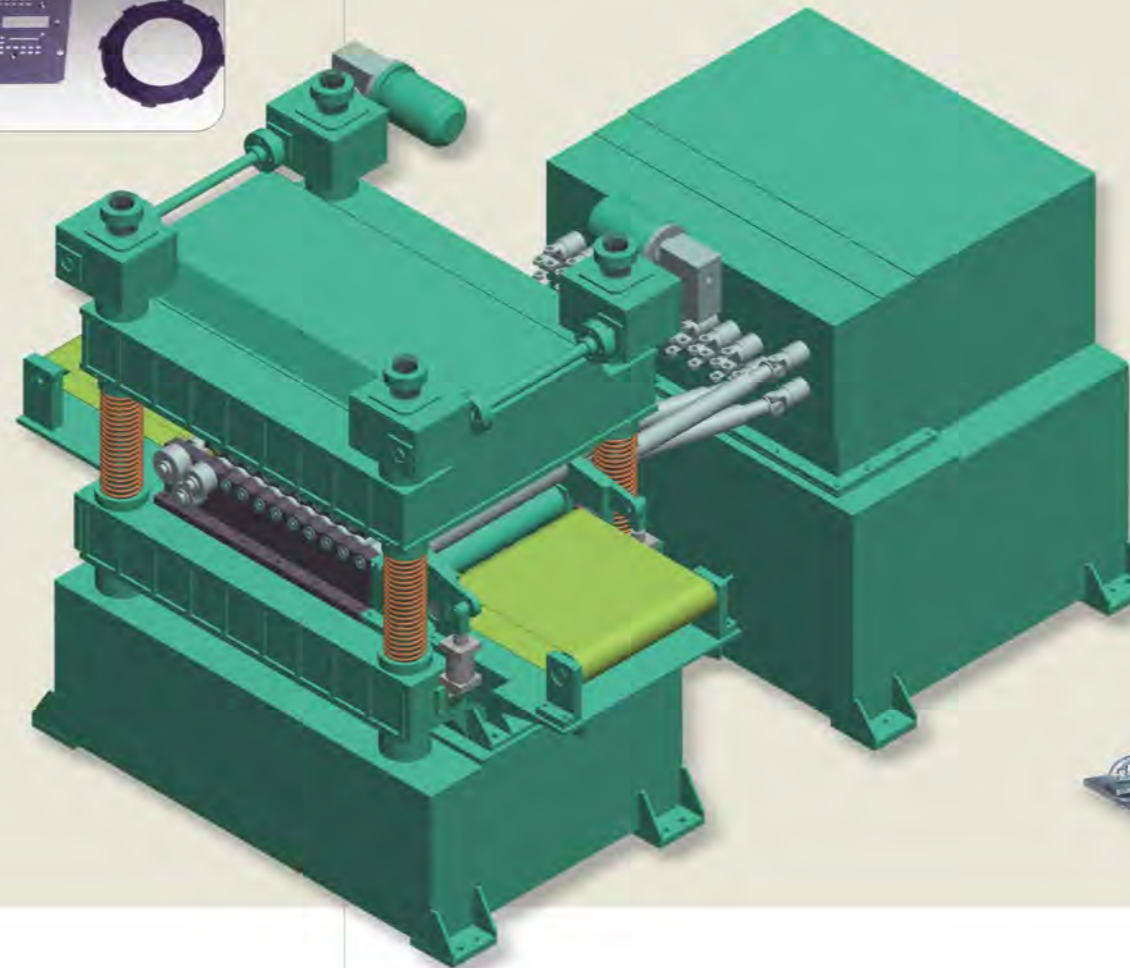


Application of parts Levelling

- Stampings
- Motor laminations
- Coil laminations
- Control panels
- Furniture panels
- Saw blade blanks
- Clutch plates
- Microfilm spools
- Brake plates
- Bi-metal Bearings
- Computer parts
- CNC Turret punch parts.

Standard Features

- Four-high design.
- Manually adjustable back-up rolls
- Small work rolls, hardened/ground/polished
- All Straightening rolls are Powerd.
- Integral universal geared drive.
- Dial guage roll position indicator.
- Oil bath gear case, sealed roll bearings, positive lubrication.
- Bolted rugged main frame in one torque resisting assembly.
- Main drive motor for 440V, 3ph, 50 cycle.
- "Run, Jog-Reverse, Stop" controls, Fusible disconnect..
- Automatic central lubrication of work roll bearings.
- Adjustable side guide.



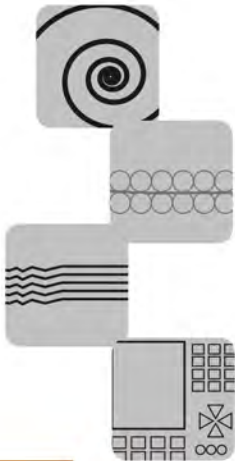
- Straightening accuracy +/- 0.01 to 0.05 is achieved depending on input component conditions, Raw material & hardness, roll setting, thicknes variation of components.
- 17/19/21 Straightening rolls.
- Straightening roll diameter from 8mm to 200 mm to cover a wide range of jobs.

Optional Features

- Five or six high configuration for one or two side special polished sheet stock, in place of four-high
- Chrome plated work rolls.
- Base for larger pass line
- Slant base for press coil feed operations.
- Variable speed drive and controls.
- Loop control system.
- Powered work roll positioning in place of manual.
- Remote work roll position indicators.
- Cascade rolls at entry or exit.
- Powered pinch rolls.
- Special features on request.
- Motorised adjustment of rolls with digital display.
- 25/31 Straightening rolls.
- CNC Controlled levellers offered.



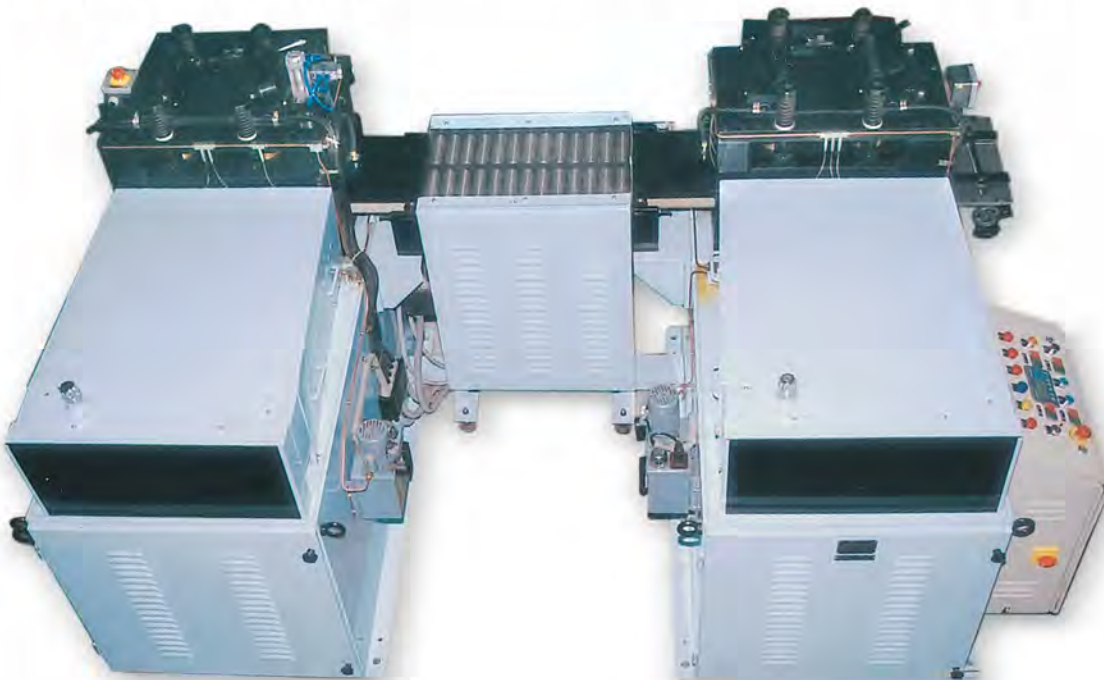
Automatic PLC Controlled Part Leveller



Twin Levelling

Round parts are always levelled in two directions. The most economical solution for series production such as clutch disks in a Twin Levelling machine. This double levelling line consists of 2 precision part levelling units connected by a turntable. Between the two levelling sequences the turntable turns the parts by 90°

1. Adjustment of Straightening Rolls via Servo / A. C. Motor & Drive.
2. 10-30 Parts Setting Parameters can be Stored for Quick Retrieval in Future.
3. Accuracy of Roll Positioning in Range of 50 Microns.
4. Entire Operation Setting by Unskilled Operator, Once pre-programmed.
5. Possibility of Two Three Programme for Same Part due to variation of the Input Parameters like Hardness etc.



Technical specifications are indicative and subject to change to suit end application.

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