

## DOCTORING ARRANGEMENT

Doctors are designed to keep Roll surfaces clean and smooth avoiding scoring, pitting and other damage, so they can perform their necessary function in the manufacturing and finishing of paper.

A doctor is a carefully engineered product consisting of several parts - blade, blade holder, support or back, bearings, brackets and for many application-oscillating arrangements with Electro Mechanical/Pnumetic Oscillator & loading/ lifting mechanism.

The operation of Oscillating Doctor imparts a shearing action between the Doctor Blade and the Roll-surface thus tending to remove any foreign matter from the surface more readily.



### Doctors Type :

- ❖ Oscillating Doctor
- ❖ Stationary Doctor

### Salient Features:

- Protect wires and forming fabrics from damage by removing contamination from the breast roll, inside wire rolls and stock from the wash roll.
- Protect Dryer Roll and Calendar Roll from wraps that could damage equipment.
- Protect Press Rolls and felts by removing wet broke and crumbs that adhere to the press roll and could otherwise enter on ingoing nip. Felts are kept cleaner by doctoring suspended fillers from felt carrying rolls.
- Protect Mill Personnel by facilitating sheet threading thus keeping hands away from dangerous nips.
- Easy to install.

### Advantages:

- Optimal cleaning of roll surface - higher paper quality, decreased roll maintenance.
- Uniform blade loading leading to reduced blade wear and decreased operational costs.
- Produce higher tonnage between wire, forming fabric and felt.
- Increased production and finishing of the paper.

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