

Air Actuated Oscillator

Applications

The Varimatic in-line doctor oscillator is constructed of stainless steel for use in both the wet and dry end of the machine. The two different models apply to light duty (1700 pounds of thrust) or heavy duty (3400 pounds of thrust).

Features

- ▶ Smooth, continuous, virtually maintenance free operation
- ▶ All models equipped with PTFE/Viton seals
- ▶ Speed, stroke, and centering the doctor can be done easily by removing the protective cover

Benefits

- ▶ Minimize doctor chatter and dwell
- ▶ Easy install with mounting flanges and journal couplings
- ▶ Needs just one compressed air connection



Top: Varimatic 3400, Bottom: Varimatic 1700

Compact and reliable

An absence of oscillation on your roll cleaning and sheet shedding doctors can have serious effects on maintenance costs and cleaning efficiency. Particles embedding themselves into the tip of a doctor blade during operation and can result in scoring the roll cover. Without oscillation, the blade can also wear unevenly, causing gaps where the roll is not being cleaned properly, or wrapping around the roll where sheet shedding is poor.

The Varimatic In-line doctor oscillator minimizes these issues through a sophisticated air actuated mechanism that reverses the direction of the oscillator almost instantaneously. Air bag and electromechanical oscillation, unlike the Varimatic doctor oscillator, each have a significant amount of dwell time in between strokes. It is during this dwell time that particles become lodged in the blade tip and score the roll cover.

For more information on the full line of Varimatic Doctor Oscillators visit:

www.kadant.com/varimatic



Control valve block with protective cover removed