Genesis Ultra™ Oscillator

Shower Oscillation Systems

Applications
The low frequency (low speed), instantly reversing Genesis Ultra™ electro-mechanical oscillator is designed to provide optimum fluid distribution for cleaning and conditioning machine clothing.

Features
- Smart motor - no control panel required
- Intrinsically safe 48 volt power
- 2,000 lbs (900 Kg) thrust
- Universal spherical mounting system
- Adjustable speed and stroke length

Benefits
- Easy installation and alignment
- Speed sync with machine
- Better moisture profile management
- Enhanced product finish
- Improved cleaning and conditioning

Universal spherical connector
316 stainless steel shaft cover
Ball screw assembly
Repairs barrel assembly
Quad-plex seal arrangement
316 stainless steel barrel assembly
Universal spherical mounting assembly
Integral cooling fan
Unique interface board
Smart motor

Improved cleaning and conditioning for better moisture profile management and enhanced product finish

Crank-arm Oscillation Pattern
Hydraulic Oscillation Pattern
Genesis Ultra Oscillation Pattern
Genesis Oscillator Interface

- Windows XP® operating system
- Software and serial communications driver included
- Interface cable available from Kadant
- Built in calculator for determining oscillator speed
- Distance traveled since the last service with manual reset
- Adjustable load limiter
- Metric or English units
- Analog speed input or fixed speed
- Set the stroke length
- Multi-language capabilities

Genesis Oscillator Interface Board

- Set speed and stroke
- Set maximum speed for 4 – 20 mA analog sync speed
- Indicator lights (running – stalled – analog sync signal)
- Manual override included

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