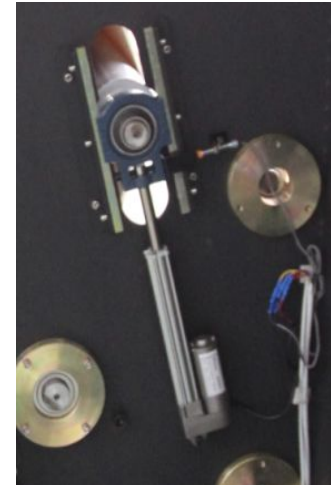




## TECH BRIEF:

# New “High End” or H version Rotary Heat Press Comparisons

# Blanket Alignment

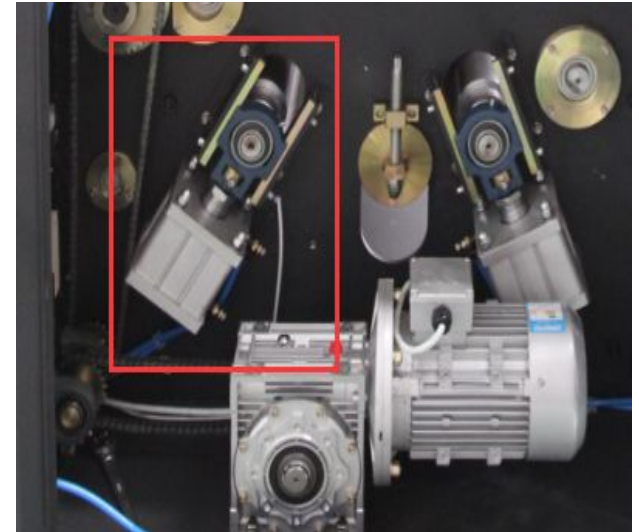
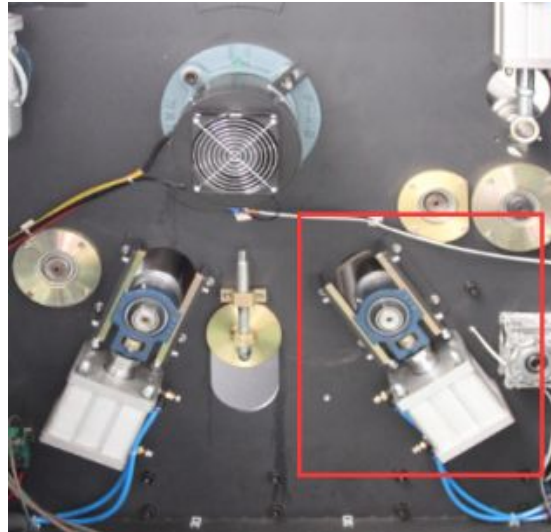


Old	New
Manual Crank	Auto Alignment Controlled by Piston

Advantage:  
Aligning Blanket Automatically to the Center

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# Blanket Tension



Old

Controlled by Hand Crank

New

Controlled by Piston

Advantage:  
Controlling Tension of Blanket Accurately to Give Consistent Transfer Result

# Detection of Temperature

On Oil Drum

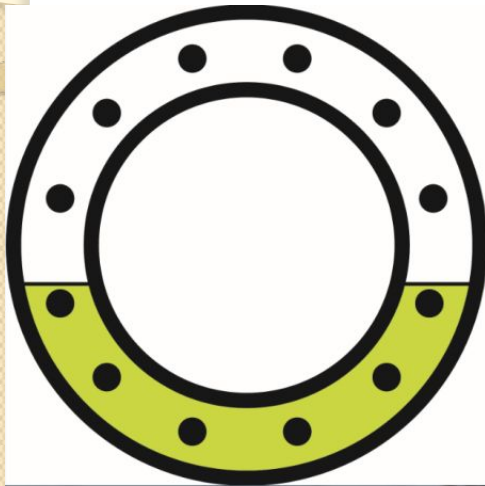


Old	New
Detecting Temperature Inside Oil Drum	Detecting Temperature on the Surface of Oil Drum

Advantage: Detecting Actual Oil Drum Surface Temperature

NOTE: Be sure to use temp strips and heat gun to cross check!

# Oil Level



Auto Fill  
H System

Old	New
Almost 50% Full Oil Drum	100% Full Oil Drum

Advantage:  
Filling Oil Drum to 100% Full to Save 30% Energy

# Power Control Timer



Old

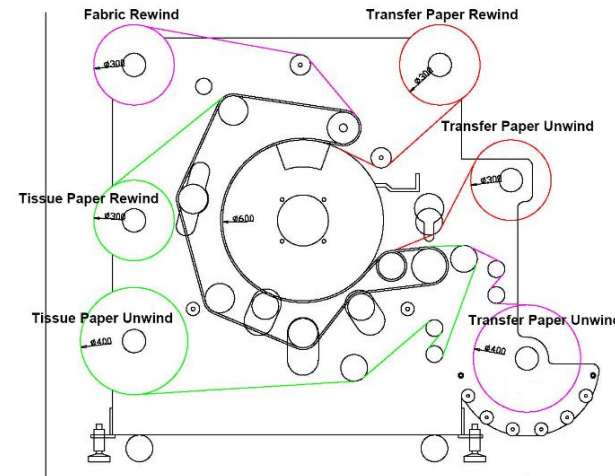
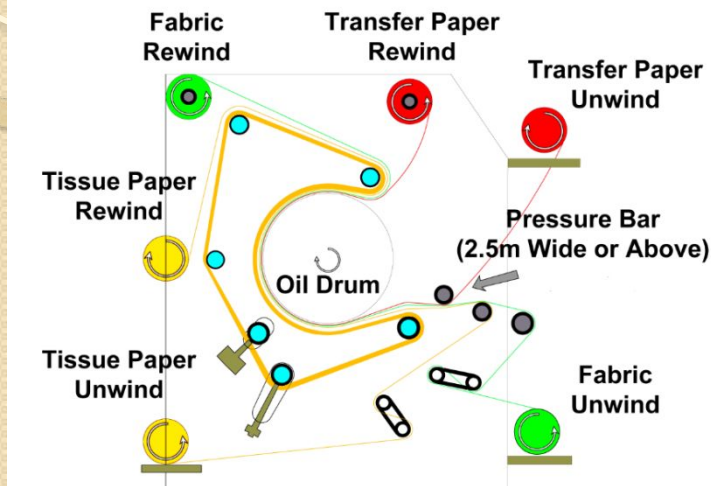
Press "POWER" to Shut Off 2 Hours Later Automatically

New

Daily Auto Power On/Off Solid-State

Advantages: Works Immediately when Operator Arrives to Factory  
Machine Cools itself when Operator Goes Home

# Blanket Coverage



Old

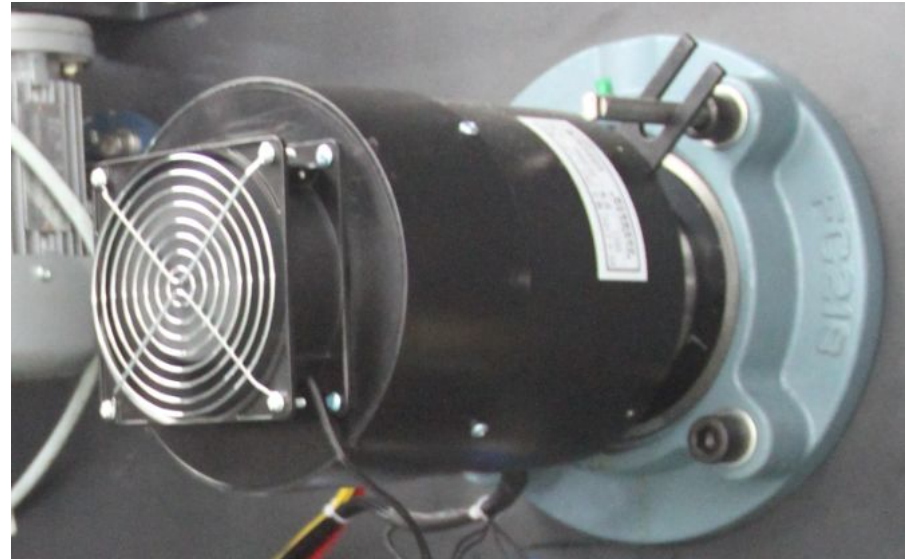
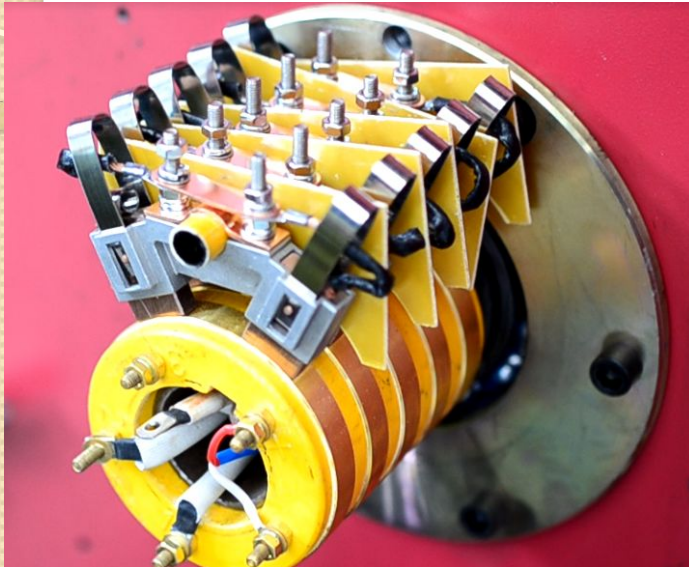
Around 55%

New

At Least 70%

Advantages: Increasing Transfer Speed  
Reducing Heat Loss

# Transmission of Power



Old

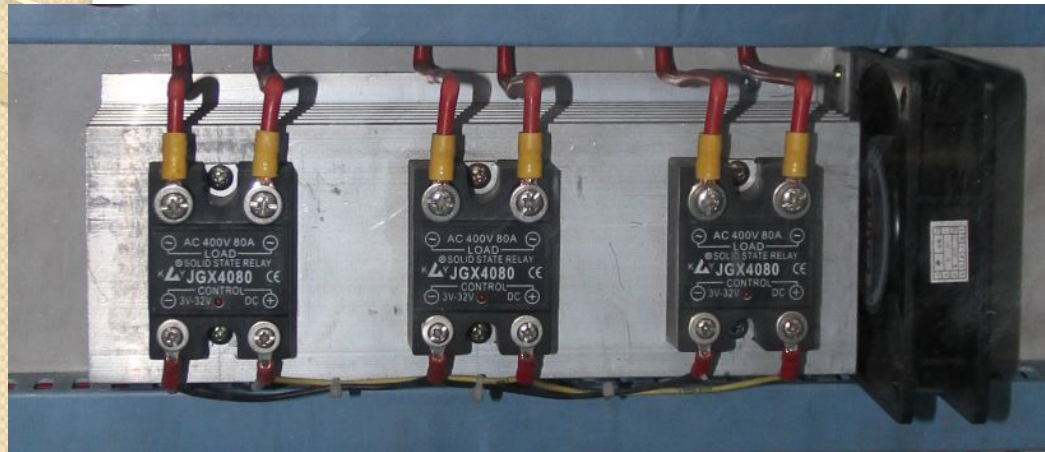
Carbon Brush

New

Slip Ring

Advantage:  
Minimizing Maintenance Effort

# Temperature Control



Old

Solid State Relay

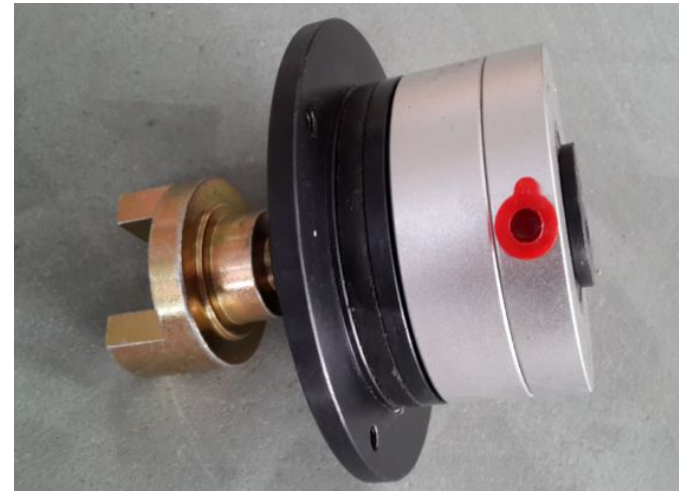
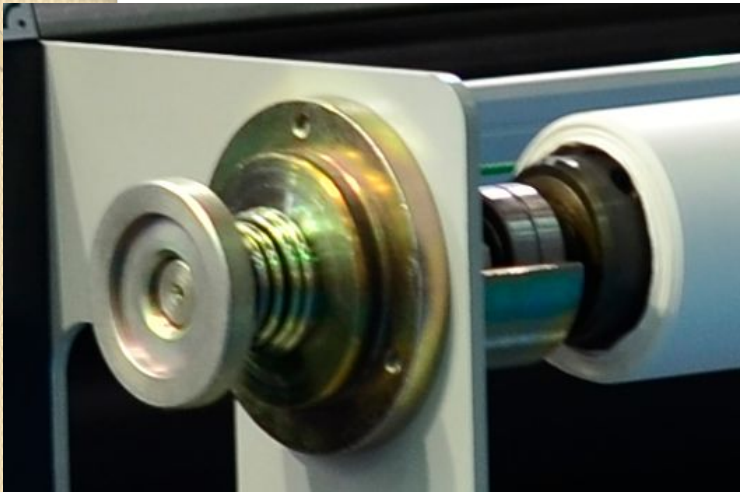
New

Controllable Silicon Relay

Advantage:

Controlling Oil Drum Temperature which Tolerance is less than 1 Degree Celsius

# Rewinding and Unwinding Shaft



Old	New
Tension Generated by Washer	Tension Controlled by Compressed Air

Advantage:  
Preventing Transfer Paper, Fabric and Tissue Paper from  
Tracking

**Eastsign**