

# RETROFLEX

Standardized Equipment



REVERSE ANGLE  
DOCTOR BLADE SYSTEMS

Welcome to the **RETROFLEX** series of Reverse Angle Doctor Blade Systems.



**Retroflex** has upgraded thousands of existing fountain rolls and chambered blades to the **Retroflex RADBS**. Water based, solvent or UV curable inks and coatings have all been applied with the **Retroflex RADBS**. Cavity designs are available to address existing ghosting, streaking and cell starvation issues.

The **Retroflex** series of **Reverse Angle Doctor Blade Systems (RADBS)** are available for widths from 1" to over 200" at speeds exceeding 3500 FPM. Designed to apply nearly any fluid that can be pumped, a **Retroflex RADBS** is unsurpassed in its simplicity and ease of operation. A **Retroflex RADBS** can reduce fluid usage, lower VOC emissions, allow for faster clean-up, greater repeatability, more accurate fluid application, sharper printed images and a greater return on your investment.



**Standard Features (most models):**

Aluminum Cavity (coated for 5-9 pH range)  
Tool-less End Seal Mounting  
Quick Release Cavity Design  
All Required Mounting Hardware  
Stainless Steel Catch Pan  
Positive Stops for Repeatability  
Optimum Distance Between Blades  
Totally Enclosed Recirculation Capabilities  
Simple Lift Lever Positioning  
Blades & Seals For 3 Changes  
Hose Kit  
Installation Drawings with Detailed Manual  
Unparalleled Customer Support  
Low cost

**Optional Features available (most models):**

Stainless Steel Cavity  
Composite Cavity  
Carbon Fiber Cavity  
Positive Linear Adjustment (manually set)  
Pneumatic Linear Adjustment  
Air/Hydraulic Linear Adjustment  
Motorized Linear Adjustment  
Gearbox Assist For Positioning  
Tool-less Blade Clamps  
Sunday Drive Conversions  
Various Pumping Systems  
Manual Wash Up System  
Automated Wash Up System  
Temperature Controlled Cavities

**Retroflex** has a **RADBS** to fit your needs whether you are printing or coating using the flexographic process, offset process or direct or offset gravure coating. **Retroflex** has retrofit to nearly every brand of existing printer or coater and we are featured on several new machines direct from the O.E.M. Standard or custom designs, our highly experienced staff can satisfy your demanding application requirements.

Call Retroflex for solutions that work!

**RETROFLEX, INC**

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