

MODEL RFA SPRING ARM BELT CLEANER

The **Model RFA Cleaner** is a sturdy coil spring-arm/blade cleaner that really gets down to work. Almost nothing gets by the individual heavy-duty blades to cause idler arm build-up and eventual belt misalignment or wear. For really tough jobs like wet, sticky wood chips or fine abrasive sinter, this is the cleaner to choose.

Model RFA permits independent adjustment of each blade arm to match the exact contour of the belt and apply just the right cleaning pressure to remove traces of carryover. The unit operates on all types of conveyor belts and will not damage mechanical splices, vulcanized splicing or metal fasteners.

Just like the **Model RLP**, it features the unique roll-on/roll-off servicing mechanism changing blades or fine tuning the arm adjustment is a snap, and requires just one person to accomplish the maintenance procedures. Also like the RLP, the entire roller mechanism is protected by a sturdy steel tube which prevents material build-up on the roller elements. This prevents jamming or sticking and eliminates the need for costly stainless steel construction.

ADJUSTMENT MECHANISM

Choose one of the following arrangements:

1. Pressure Handle Adjustment (Standard) - Single handle adjustment rotates the blades into contact with the belt. (See color diagram on page 2).
2. Ratchet Adjustment (Optional) - Provides a fast, positive ratchet assembly for easy up and down tensioning. Each side operates independently.

MOUNTING ARRANGEMENTS

Two mounting arrangements are available to fit most conveyor applications.

1. Range Mounting with Access Door (Standard) - for use on enclosed conveyors with a discharge chute.
2. Hanger Mount (Optional) - for use on open conveyor frames.

WIPER BLADE OPTIONS

The **Model RFA** Cleaner is available with a variety of wiper blades. Select the blade type that best meets your job/material requirements from the handy guide below or call our trained sales staff for assistance.

WIPER BLADE SELECTION GUIDE:

RFA-H Spring Steel Blades-good general use blade for most applications.

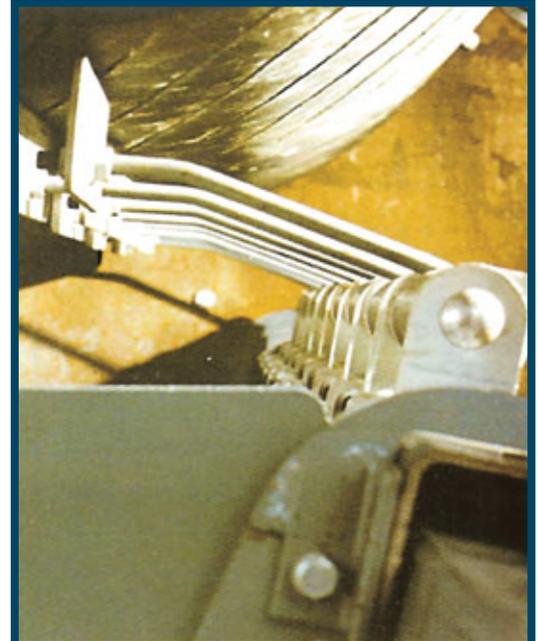
RFA-S Stainless Steel Blades-Generally used with corrosive materials.

RFA-N Nickel Coated Stainless Steel Blades-also for use with corrosives. Longer average work life than stainless.

RFA-U 90 Durometer Urethane Blades-also for use with wet materials. Longer average work life than rubber blades.

RFA-C Ceramic Blades-for use with abrasive materials. Offer extremely long cleaning life.

RFA-T Tungsten Carbide Blades-for really tough abrasives and sticky materials. The hardest blades available.



RFA Coil Spring-Arm/Blade Type
Cleaner shown in cleaning position



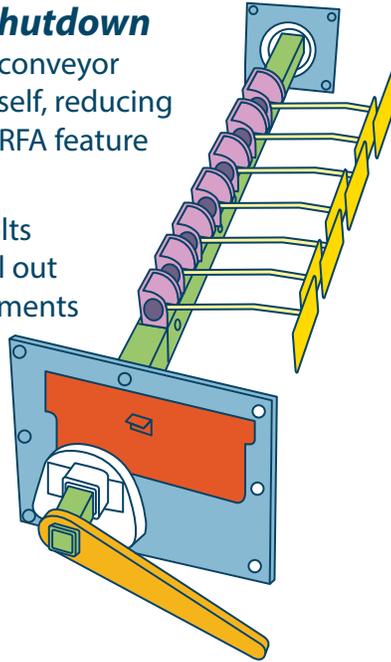
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Service Cleaner without a Shutdown

The roll-on/roll-off system allows a conveyor operator to service the cleaner himself, reducing overall labor costs. Both the Model RFA feature this timesaving system.

Servicing is easy. Loosening two bolts permits the cleaner assembly to roll out from under the conveyor for adjustments or changes. And, a protective steel tube protects the roller assembly from carryover build-up. Thus, jamming and sticking of the assembly are eliminated. Extensively tested in field applications, this feature wins high praise from maintenance supervisors everywhere!

NOTE: For safety purposes, it may not be advisable to service cleaners with the conveyor running.



Model RFA Conveyor Belt Cleaner with pressure handle adjustment and flange mounting plate.

-  Roll-On/Roll-Off Mechanism
-  Blade Support Assembly
-  Side Mounting Flanges
-  Access Doors
-  Wiper Blades
-  Pressure Handle
-  Strong Arms
-  Adjustable Spring Arm Bracket
-  Locking Nuts

NOTE: Colors are for parts identification only. Full dimensional details are available upon request.

ACCESS/INSPECTION DOORS

For RFA units mounted in hoods and chutes, an easy view access door allows the operator to instantly inspect the system for proper alignment and cleaner wear. The door also serves as the means for rolling out the cleaners for servicing.

INDIVIDUALLY ADJUSTABLE SPRING ARMS

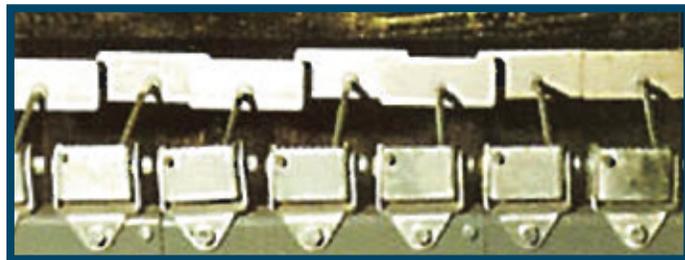
The Model RFA Cleaner incorporates special coil-type spring arms which individually adjust to the contour of the belt. This distributes cleaning pressure more evenly across the entire belt surface.

MOUNTING ADAPTABILITY

Model RFA Cleaners are simple to mount and service. Two mounting arrangements adapt these cleaners to most conveyor applications. The flange mounting is designed to use on enclosed conveyors while the hanger mount is particularly suited for open conveyor frames. For detailed mounting data and dimensional information, please contact our sales department.



Conveyor supervisor at Union Camp-Savannah, Georgia, adjusts RFA Cleaner blade pressure with rotary handle.



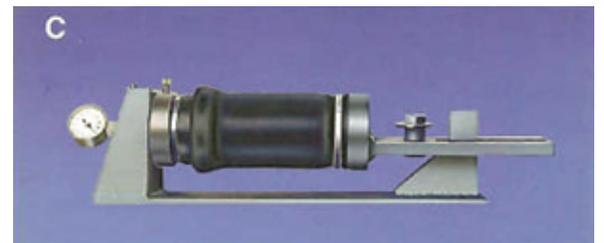
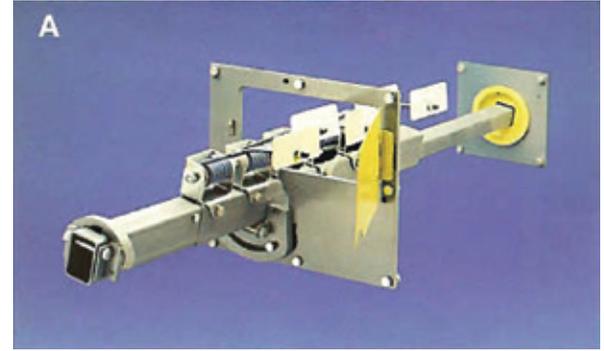
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BLADE SUPPORTS

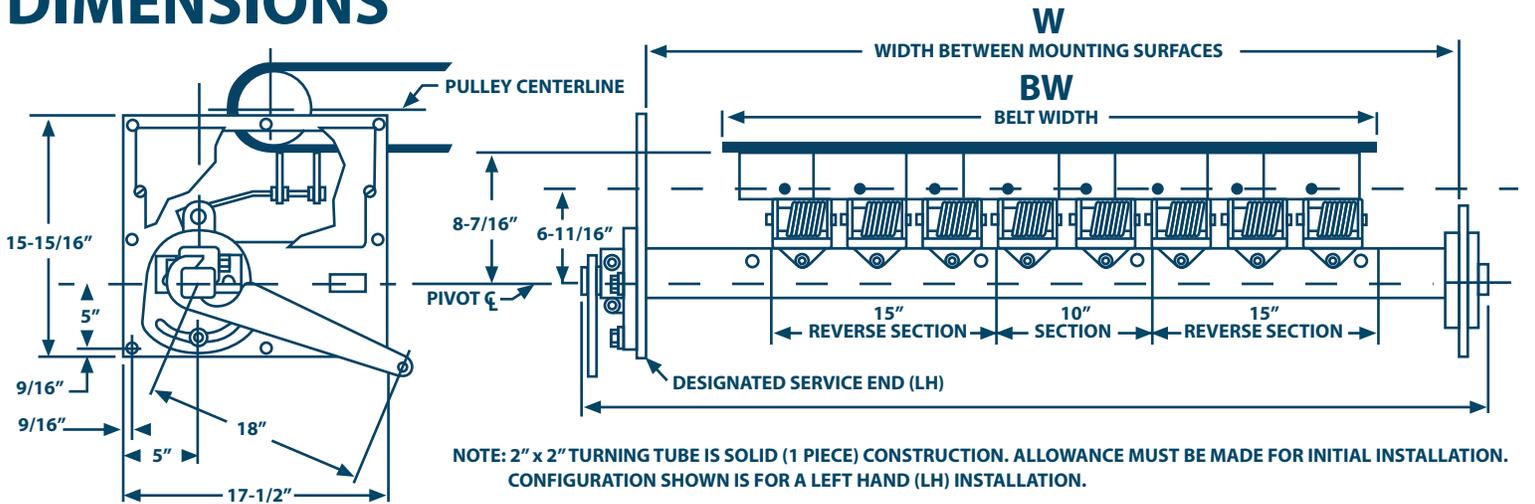
The Model RFA Cleaners are furnished with sectional blade support assemblies. For servicing, these sections are rolled from underneath the conveyor and unbolted one at a time. This permits service of the system in limited space (See photo A to the right).

OPTIONAL AIR TENSIONING UNIT

The Model RFA cleaners can be supplied with an air tensioning unit (see photo C to the right). This option ensures that the blades are in constant contact with the conveyor belt. Periodic visual inspection of the air pressure gauge assures that the cleaners are accurately tensioned.



DIMENSIONS



DIMENSION TABLE

"BW" BELT WIDTH	"W" WIDTH BETWEEN FLANGES		"A" MAX. UNIT WIDTH	"BW" BELT WIDTH	"W" WIDTH BETWEEN FLANGES		"A" MAX. UNIT WIDTH
	MAX	MIN			MAX	MIN	
12"	42"	15"	54"	54"	84"	57"	96"
18"	48"	21"	60"	60"	90"	63"	102"
24"	54"	27"	66"	66"	96"	69"	108"
30"	60"	33"	72"	72"	102"	75"	114"
36"	66"	39"	78"	78"	108"	81"	120"
42"	72"	45"	84"	84"	114"	87"	126"
48"	78"	51"	90"	96"	126"	99"	138"

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