

# RDP1 Diagonal Plow

## A “Belt Cleaner” for the Tail Pulley

The Diagonal Plow cleans the belt in front of the tail pulley. It keeps lumps, rocks and other fugitive materials out of the tail pulley where they could cause damage to the belt, the mechanical splice, the lagging or the pulley. This is the versatile, economical solution for protecting the tail pulley, drive pulley, or gravity take-up pulleys from carryback materials.



### Features and Benefits

- **Reduces belt mistracking.** Material build-up on a pulley causes belt mistracking problems which can lead to other problems on the conveyor. The RDP1 Diagonal Plow removes those materials before they get into the pulley and begin building up.
- **Discharges to either side of the belt.** The plow can be angled to discharge materials to either side of the belt, making it as convenient as possible for cleanup.
- **Can be used anywhere on the beltline.** The RDP1 Diagonal Plow can be installed on the side of the return belt anywhere there is a problem with materials falling onto the belt. Many times it is installed just behind the head pulley to dump carryback before it travels down the beltline.
- **Economical.** Durability and budget-conscious pricing make the Diagonal Plow very versatile. Replacement blades are also low cost.

# RDP1

## Diagonal Plow

### Specifications and Guidelines

- **Maximum Belt Speed**  
700 FPM (3.5 M/sec)
- **Temperature Rating**  
-40°F to 160°F (-40° C to 71° C)
- **Cleaner Material**  
UHMWDE 67-D durometer
- **Belt Direction**  
One Way
- **Available for Belt Widths**  
18" to 84" (450 to 2100mm)
- **Grease and Chemical Resistance**  
Excellent
- **Sticky Material Performance**  
Excellent

### Ordering Information

Diagonal Plows				
Size	Belt Width		Ordering Number	Item Code
	in.	mm		
Small	18-30	450-750	RDP1-S	74692
Medium	36-42	900-1050	RDP1-M	74693
Large	48-60	1200-1500	RDP1-L	74694
Extra Large	72-84	1800-2100	RDP1-XL	74695

Replacement Blade Kits				
Size	Belt Width		Ordering Number	Item Code
	in.	mm		
Small	18-30	450-750	RDPBK-S	74699
Medium	36-42	900-1050	RDPBK-M	74700
Large	48-60	1200-1500	RDPBK-L	74701
Extra Large	72-84	1800-2100	RDPBK-XL	74702

### Additional Information

Use in combination with a precleaner and secondary cleaner for the most effective cleaning solution.



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