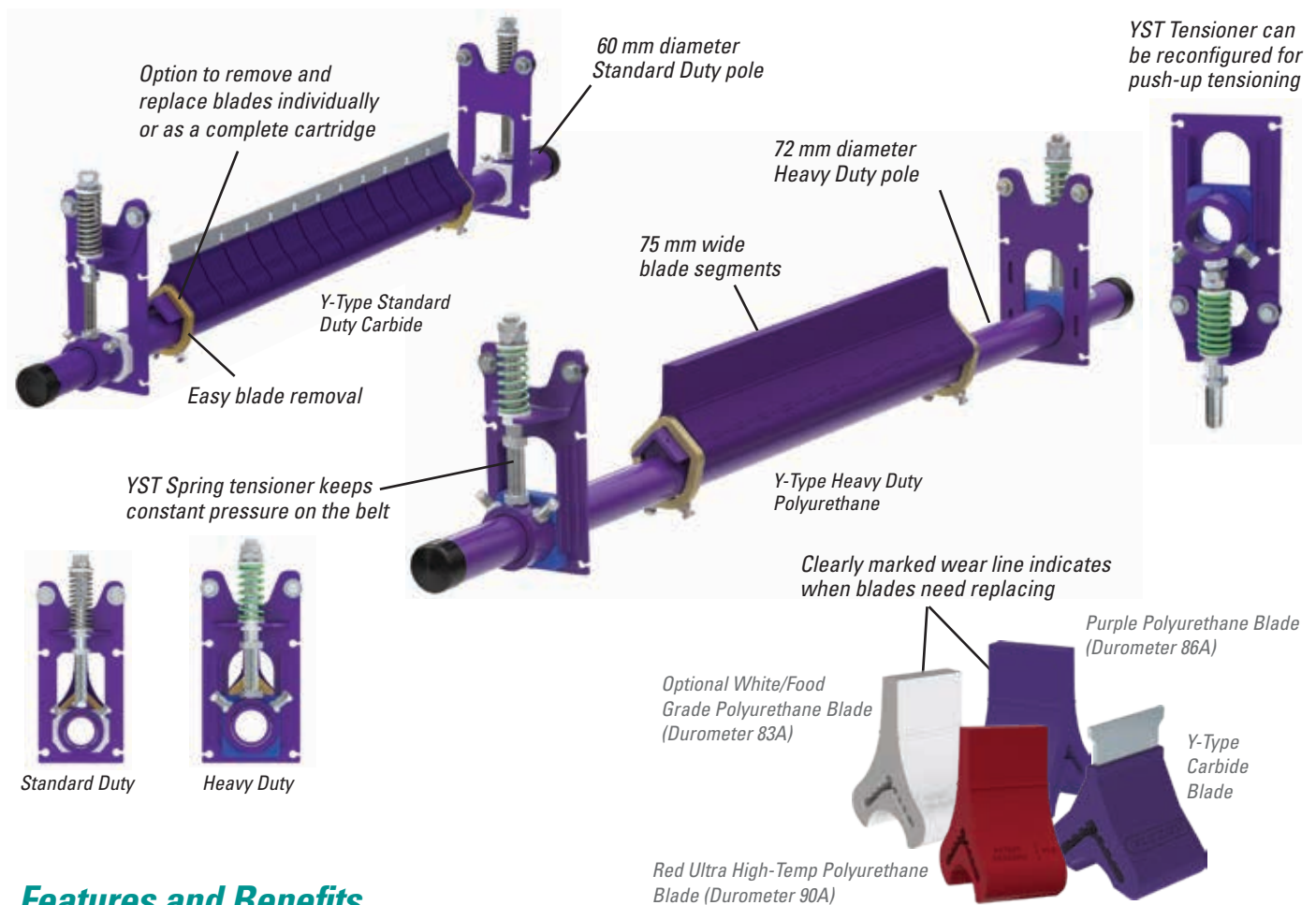# Y-Type™ Polyurethane and Carbide Secondary Cleaner

Simple, Effective Cleaning for Pulp and Paper Operations

The Y-Type™ Secondary Cleaner should be installed on flat belts throughout the raw materials area of the pulp and paper process, especially on belts after the bark grinder and on any chip or bark belts that are fully or partially indoors. With easy, do-it-yourself installation and simple, serviceable blades, all at an affordable price, it makes for the ideal solution to facilitate the capture of usable materials.

Option to remove and replace blades individually or as a complete cartridge

60 mm diameter Standard Duty pole

YST Tensioner can be reconfigured for push-up tensioning

72 mm diameter Heavy Duty pole

75 mm wide blade segments

Y-Type Standard Duty Carbide

Easy blade removal

YST Spring tensioner keeps constant pressure on the belt

Y-Type Heavy Duty Polyurethane

Standard Duty

Heavy Duty

Clearly marked wear line indicates when blades need replacing

Purple Polyurethane Blade (Durometer 86A)

Optional White/Food Grade Polyurethane Blade (Durometer 83A)

Y-Type Carbide Blade

Red Ultra High-Temp Polyurethane Blade (Durometer 90A)

Features and Benefits

- **Belt speeds up to 3M/s for standard duty, up to 3.8M/s for heavy duty.**
- **Works on reversing belts.**
- **Available in 450 - 1200 mm for standard duty belts, 900 - 1800 mm for heavy duty belts .**
- **75mm wide blade segments.** Conforms to worn or damaged belts.
- **Blades available in carbide and purple or white chemical resistant polyurethane.**
- **Easy maintenance.** Simple design makes changing the blades fast and easy. Blades can be removed and replaced individually, or all at once by replacing the cartridge.
- **Spring tensioner.** Utilizes the YST tensioner to maintain constant pressure on the belt. Standard duty YST for 60mm poles, heavy duty YST for 73 mm poles.

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Y-Type™
Polyurethane and Carbide Secondary Cleaner

Specifications and Guidelines

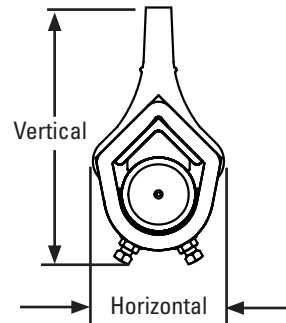|	Standard Duty	Heavy Duty
Maximum Belt Speed	3 m/s	3.8 m/s
Temperature Rating	Purple, White, Carbide: -35° C to 82° C Red UHT: up to 200° C with spikes to 232° C	
Usable Blade Wear Length	Polyurethane: 50 mm	Polyurethane: 75 mm
	Carbide: 6 mm	Carbide: 10 mm
Available for Belt Widths	450 to 1200 mm	900 to 1800 mm

Blade Material
Purple: Polyurethane (proprietary blend for abrasion resistance and long wear)
White: Polyurethane (chemical resistant/food grade)*
Red: Polyurethane (ultra high-temp)
Carbide: Impact resistant tungsten carbide

*All ingredients used in polyurethane formulation comply with the relevant requirements of 21 CFR (FDA Code of Federal Regulations) for use in repeated bulk dry food applications.

Horizontal Clearance Required
Standard Duty: 110 mm
Heavy Duty: 135 mm
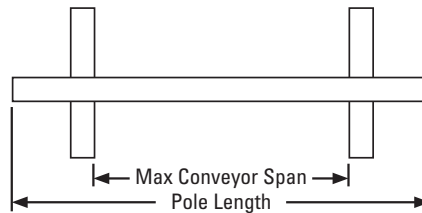
Vertical Clearance Required
Standard Duty:
Polyurethane: 210 mm
Carbide: 185mm
Heavy Duty:
Polyurethane: 240 mm
Carbide: 250 mm

Pole Length
SD Belt width + 762 mm
HD Belt width + 1372 mm

Maximum Conveyor Span
SD Belt width + 559 mm
HD Belt width + 1169 mm

Ordering Information

Y-Type Secondary Cleaners - Standard Duty

Belt Width	Carbide Blades		Purple Polyurethane Blades		White/Food Grade Polyurethane Blades		Red/Ultra High-Temp Polyurethane Blades	
mm	Ordering Number	Item Code	Ordering Number	Item Code	Ordering Number	Item Code	Ordering Number	Item Code
450	YT-TC-18S	79759	YT-18S	79765	YTW-18S	79771	YTR-18S	91798
600	YT-TC-24S	79760	YT-24S	79766	YTW-24S	79772	YTR-24S	91799
750	YT-TC-30S	79761	YT-30S	79767	YTW-30S	79773	YTR-30S	91800
900	YT-TC-36S	79762	YT-36S	79768	YTW-36S	79774	YTR-36S	91801
1050	YT-TC-42S	79763	YT-42S	79769	YTW-42S	79775	YTR-42S	91802
1200	YT-TC-48S	79764	YT-48S	79770	YTW-48S	79776	YTR-48S	91803

Lead time: 1 working day

Y-Type Secondary Cleaners - Heavy Duty

Belt Width	Carbide Blades		Purple Polyurethane Blades		White/Food Grade Polyurethane Blades		Red/Ultra High-Temp Polyurethane Blades	
mm	Ordering Number	Item Code	Ordering Number	Item Code	Ordering Number	Item Code	Ordering Number	Item Code
900	YTHD-TC-36S	79777	YTHD-36S	79783	YTHDW-36S	79789	YTHDR-36S	91816
1050	YTHD-TC-42S	79778	YTHD-42S	79784	YTHDW-42S	79790	YTHDR-42S	91817
1200	YTHD-TC-48S	79779	YTHD-48S	79785	YTHDW-48S	79791	YTHDR-48S	91818
1350	YTHD-TC-54S	79780	YTHD-54S	79786	YTHDW-54S	79792	YTHDR-54S	91819
1500	YTHD-TC-60S	79781	YTHD-60S	79787	YTHDW-60S	79793	YTHDR-60S	91820
1800	YTHD-TC-72S	79782	YTHD-72S	79788	YTHDW-72S	79794	YTHDR-72S	91821

Lead time: 1 working day

Blades Required per Cleaner Size - Standard

mm	450	600	750	900	1050	1200
Blades Required	6	8	10	12	14	16

Blades Required per Cleaner Size - HD

mm	900	1050	1200	1350	1500	1800
Blades Required	12	14	16	18	20	24

Authorized Distributor:

FLEXCO