



CLEATRAC[®]

BELT & SPROCKET SYSTEM

WORKING TOGETHER TO DELIVER THE INDUSTRY'S TIGHTEST TRANSFER

YOUR TRUSTED PARTNER FOR SUCCESS

Companies around the world depend on Ashworth's quality products, reliable customer service, and innovative solutions to resolve problems and increase productivity. Ashworth Factory Service offers a full range of engineering services, including system refurbishment, troubleshooting, and belt installation.

To learn how Ashworth can help you keep your business moving forward, visit our website www.ashworth.com, or call us today at 800-682-4594.

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EFFICIENT COST-EFFECTIVE CLEATRAC BELT & SPROCKET SYSTEMS



Ashworth's Cleatrac® belt and sprocket system is the perfect food processing solution to accurately transfer even small products, minimize product damage, and keep your manufacturing process up and running. As the industry's only supplier of customized conical-toothed sprockets that are perfectly matched with Cleatrac belt, Cleatrac belt and sprocket systems have a proven track record in delivering the perfect pairing.

An efficient, cost-effective solution, Cleatrac Belt & Sprockets Systems are guaranteed by Ashworth to deliver positive sprocket engagement to ensure precise product conveyance throughout the processing cycle. Cleatrac belts and sprockets are also compatible with the smallest nose bar diameters in the industry, all the way down to one-fifth of an inch (5.1 millimeters).



CLEATRAC® BELT & SPROCKET SYSTEM AT A GLANCE

Minimize Product Damage:

- Guaranteed positive sprocket engagement ensures precise product conveyance
- The tightest product transfer solution in the industry
- Compatible with the industry's smallest nose bar diameters
- Sprockets designed with conical shaped teeth have no sharp points that can damage spiral wires
- Available in various mesh configurations for precise product support and airflow for a wide range of applications

Reduce Operating Costs:

- Less expensive than chain-edge construction systems
- Engineered to deliver longer belt life than pin roll drives
- More durable and less prone to fatigue than single-plane wire designs
- Constructed with an easy-to-clean open balanced weave design

On Demand Availability

- Standard widths are in stock and available for delivery within 24 hours
- Available complete with sprockets, support bearings, and filler rolls

THE SPROCKET IS EQUALLY AS IMPORTANT AS THE BELT!

Manufactured in either UHMW polyethylene or T303 stainless steel, Cleatrac uses the perfect sprockets to positively drive mesh belting. Sprockets are available in a variety of sizes but special size sprockets may be manufactured to meet a customer's needs.

Positive drive provides true belt travel and minimum terminal diameters allow close transfer of product onto and off belt. Sprockets are bored oversize to allow lateral movement on the shaft compensating for changes in belt width due to temperature.



Technical Specifications	Units of Measurement	
Available Materials – Mesh and Connector Rods		Stainless Steel, Carbon and Galvanized Steels, High Temperature Alloys
Available Widths		1.50 – 168.00 (38.1 – 4267.2)
Lateral Pitch–Mesh Dependent	in (mm)	0.20 – 0.67 (5.1 – 17.0)
Thickness–Mesh Dependent		0.16 – 0.35 (4.1 – 8.9)
Weight–Mesh Dependent	lbs/ft ² (kgs/m ²)	0.67 – 1.58 (3.3 – 7.7)
Working Strength per Unit of Width	lbs/ft (kg/m)	100 – 1100
Open Area–Mesh Dependent	%	34 – 74
Maximum Temperature	°F (°C)	500 (260)
Minimum Temperature		-40 (-40)
Conveying Surface		Full belt width
Turn Capability		Straight run only
Method of Drive		Positively Driven by a Matching Minimum Diameter Drive System consisting of Sprockets, Filler Rolls, and Support Bearings

Technical specifications are dependent upon individual applications and subject to engineering review.

Stock Belt Mesh*	Width	
	in	mm
CTB 18-16-14	36	914
CTB 18-16-16	24	610
	36	914
CTB 30-24-16	40	1016
CTB 30-24-17	34	864
	36	914
	40	1016
CTB 42-36-17	40	1016
CTB 42-36-18	24	610
	34	864
	36	914
	40	1016
CTB 60-48-18	24	610
	30	462
	34	864
	36	914

**Stock belt length varies from 10' to 25'*