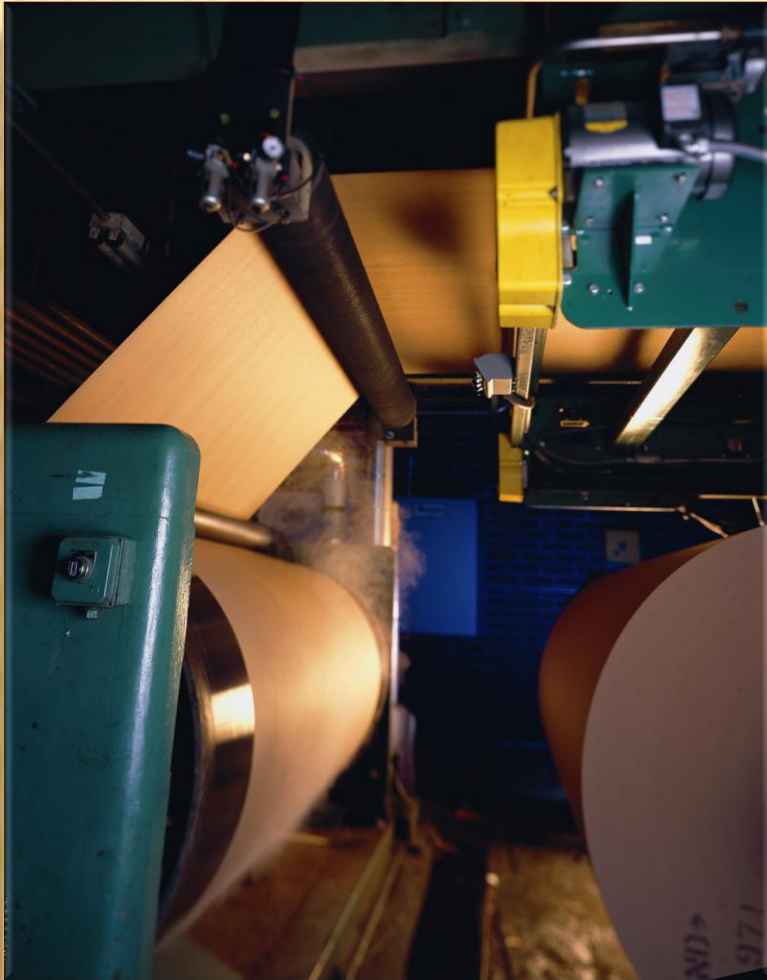
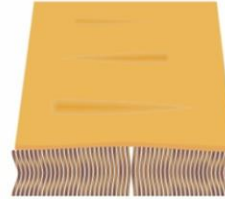


The CGS Tension Control Roll replaces the guide roll to equalize edge tension and eliminate center sag; a feature that solid rolls simply can't do. The principle is simple: the web is passed over the tension control roll --all loose areas across the web are eliminated.

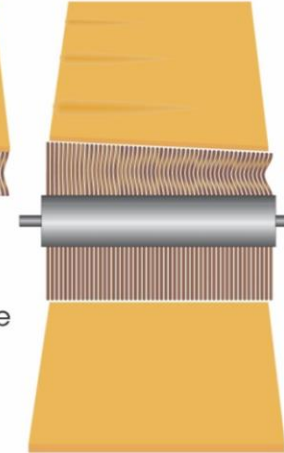


Loose Center



The roll actually conforms to the paper tension profile

Loose Edge



Perfect Tension

Tight Center



Each bristle is a separate spring applying more or less pressure where it is needed

NO MOVING PARTS ■ INSTALL IT AND FORGET IT

TENSION CONTROL ROLL

CGS Patented Web Tension System

 **Corrugated Gear**
AND SERVICES INC.

BENEFITS

- ✘ CGS's patented Tension Control Roll automatically maintains uniform cross-machine tension on running paper, film, foil and textile webs. It reduces, or completely eliminates web weave, stretching and web tear outs during machine speed changes.



- ✘ Printing, coating, laminating, adhesive, and heating applications are improved by removing the loose sides and center sag that flutters through the process.
- ✘ Splicer reliability is increased by 98% or better.
- ✘ Twist Warp is reduced (caused by uneven tension and heat transfer across the web).

SAVINGS

When compared to the Solid Roll web tension systems, the brush style Tension Control Roll by CGS shows immediate improvement of web tension and heat related plant waste by .2 % -- See Example Below

Numbers shown below (unless otherwise noted) are used for demonstration purposes only.

	TONNAGE	WITHOUT BRUSH ROLL	WITH BRUSH ROLL
INSERT YOUR TONS PER YEAR -->	TONS/YR 48000	(5.0%)*AVG WASTE TONS/YR 2400	(4.8%)*AVG WASTE TONS/YR 2304
		TONS SAVED/YR	96
	DOLLARS		
ENTER \$ COST PER TON →	\$500.00		
	COST/YR \$24,000,000.00	WITHOUT BRUSH ROLL AVG WASTE COST/YR \$1,200,000.00	WITH BRUSH ROLL AVG WASTE COST/YR \$1,152,000.00
		\$ SAVED/YR	\$48,000.00
	ASSUME WASTE IS SOLD FOR \$110/TON		
		WITHOUT BRUSH ROLL WASTE SOLD FOR \$264,000.00	WITH BRUSH ROLL WASTE SOLD FOR \$253,440.00
	WASTE SAVINGS,	96 TONS, WOULD BE SOLD FOR	\$10,560.00
		AFTER WASTE IS SOLD, YOU SAVE \$37,440.00 PER YEAR	

*Percentage of controllable waste taken from TAPPI/FBA 1999 Corrugated Productivity and Waste Survey. Top 15% averaged 5.04% with an overall average of 7.38%

CONTACT US



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FOR MORE INFORMATION:

www.corrugatedgear.com

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