

CAMBRIDGE

ENGINEERED SOLUTIONS

CAM-GRID® XTRA

Tougher, stronger and faster than traditional Cam-Grid belts.

Cam-Grid® Xtra

- Light weight alternative to flammable plastic belting
- Carries heavier loads for increased throughput without adding extra belt weight
- Made with large .225" high tensile rods that are 35% more deflection-resistant than competitors mesh overlay belts
- Can be flipped – even at 1.6:1 turn radius – for even wear and maximum belt life
- Large super heavy duty links can handle more tension and require fewer repairs than competitors belts
- Field results at poultry plants have shown up to 10 years belt life without failure



CAM-GRID XTRA SPECIFICATIONS

Specifications for Cam-Grid xtra belts are the same as Cam-Grid Standard belts, except as noted below:

BELT PITCH	1.5" (38.1 mm)
LINKS	Super Heavy Duty: .625" x .125" (15.9 mm x 3.2 mm)
RODS	4 gauge - 0.225" (5.7 mm) diameter – high tensile rods with upset button head welds
MESH OVERLAY	16 or 17 gauge spring temper wire
BELT TURNING RADIUS	Standard Radius: 2.0 – 2.4 : 1 Reduced Radius: 1.6 – 2.0 : 1 Note: Cam-Grid Extra can be flipped – even at 1.6:1 turn radius
BELT WIDTH RANGE	Standard Duty: 18" – 42" (457 mm – 1,067 mm) Heavy Duty: 18" – 54" (457 mm – 1,372 mm)
EFFECTIVE BELT CARRYING SURFACE	3.3" (83.8 mm) less than the overall belt width
WELDING	Standard Duty: plasma arc Heavy Duty: double compression
STRENGTH RATINGS	Standard Duty: 200 lbs. in turn (91 kg); 400 lbs. straight (181 kg) Heavy Duty: 300 lbs. in turn (136 kg); 600 lbs. straight (272 kg)
TENSION LIMITS	Super Heavy Duty Link 600 lbs. (272 kg) straight run 300 lbs. (136 kg) turn or spiral

CAM-GRID XTRA SPROCKETS

NO. OF TEETH/ DESIGNATION	PITCH DIAMETER		HUB DIA. (BOTTOM DIA.)		BORE SIZE		SPROCKET THICKNESS		APPROX. WEIGHT	
	IN	MM	IN	MM	IN	MM	IN	MM	LBS	KG
13T	6.443	163.7	5.521	140.2	1 to 4	25.4 to 101.6	2.0	50.8	1.6	0.73
18T	8.880	225.6	8.130	206.5	1 to 4	25.4 to 101.6	2.0	50.8	2.9	1.32

Materials: Stainless Steel, Steel, UHMW