



**MITSUBOSHI**®

# HEAVY INDUSTRY

## **POWER TRANSMISSION BELTS**

Conventional V-belts  
Multi MAXSTAR WEDGE SUPREME  
SUPER WEDGE II  
Giga Torque GX





## INDUSTRIES

Road Construction  
Mining & Aggregate  
Forestry  
Steelmaking  
Machine Tool Building  
Energy Manufacturing  
Lumber & Paper Mills  
Oil and Gas  
Chemical Production  
Aerospace  
Cement  
Shipbuilding

**HIGH PERFORMANCE**  
**HIGH PRECISION**  
**HIGH QUALITY**

# HIGH POWER

**FOR HIGH WORKING LOADS & HIGH SHOCK LOADS**

Mitsuboshi Belting Ltd. offers a wide range of power transmission belts to meet the demanding needs of heavy-duty industrial equipment. From oil fields to crushing units to applications in cement mills – Mitsuboshi products are internationally reputed for their excellent quality and long lifetime.

This industry sector requires reliable power transmission belts subject to heavy shock and pulsating loads that ensure efficient performance and superior dependability. Mitsuboshi belts are designed to prevent belt stretch, reduce tension deterioration, and resist heat and oil from harsh field conditions.

## APPLICATIONS

Pavers	Mixers	Dust Collectors	Crushers
Excavators	Bandsaws	Sifters	Loaders
Chippers	Pump Jacks	Debarkers	Mud Pumps
Screeners	Shale Shakers	Hammermills	and many more...

## Giga Torque GX

- High modulus (low-stretch) but highly flexible carbon cord, this belt shows high tensile strength and high tractability
- Expect this belt to minimize space, weight and noise of machinery and equipment because of the narrower belt width compared to a regular timing belt
- This belt is suitable for chain drive systems
- GigaTorque GX Power Rating is 10% higher than the competitor's polyurethane carbon cord belt
- Tension decay is 20% less than competitor's leading belt

Tooth Fabric	Cord	Rubber
Special Nylon	Carbon Fiber	High Hardness Compound Rubber (HNBR)



**Type:** Rubber Timing Belt

**Profiles:** G8M, G14M

**Temperature Range:** -4 – 248°F

**Maximum Belt Speed:** 30 m/s

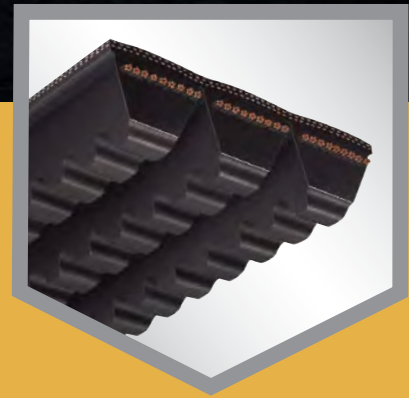
**Anti-static:** No



## Multi MAXSTAR WEDGE SUPREME

- Designed for tough applications where multiple drive belts are subject to heavy shock and pulsating loads
- Banding prevents belt whip, belt turnover, vibration and jumping off that may occur with single belts in multiple drive applications
- Lateral rigidity keeps the belt running in a straight line as it enters the pulley grooves during strong pulsating or shock loads for reduced wear
- Frictional and wedging principles of the V-belt drive apply and prevent slip at low tension and low bearing loads

Cover	Cord	Compression Rubber
Cotton/Polyester	Polyester	Chloroprene

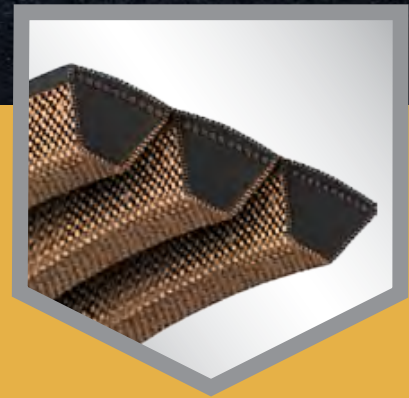


**Type:** Raw Edge Cogged  
**Profiles:** 3VX, 5VX  
**Temperature Range:** -22 – 194°F  
**Maximum Belt Speed:** 40 m/s  
**Anti-static:** ARPM IP-3-3

## SUPER WEDGE II

- Aramid cords reduce excessive belt stretch under heavy loads and torque
- Proprietary high density, flexible, compression rubber layer below cord line, designed to increase durability
- Clutching fabric allows the belt to absorb heavy shock loads
- Superior belt length stability, eliminating the need for constant tension adjustments
- Less tension decay over time than competitors
- Approximately 5% less slip than leading competitors

Cover	Cord	Compression Rubber
Cotton/Polyester	Aramid	Chloroprene

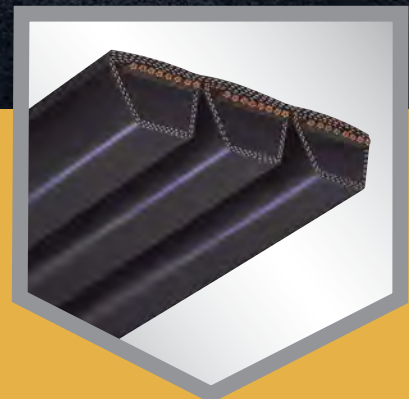


**Type:** Wrapped (Bareback)  
**Profiles:** 5VK, 8VK  
**Temperature Range:** -22 – 194°F  
**Maximum Belt Speed:** 40 m/s  
**Anti-static:** ARPM IP-3-3

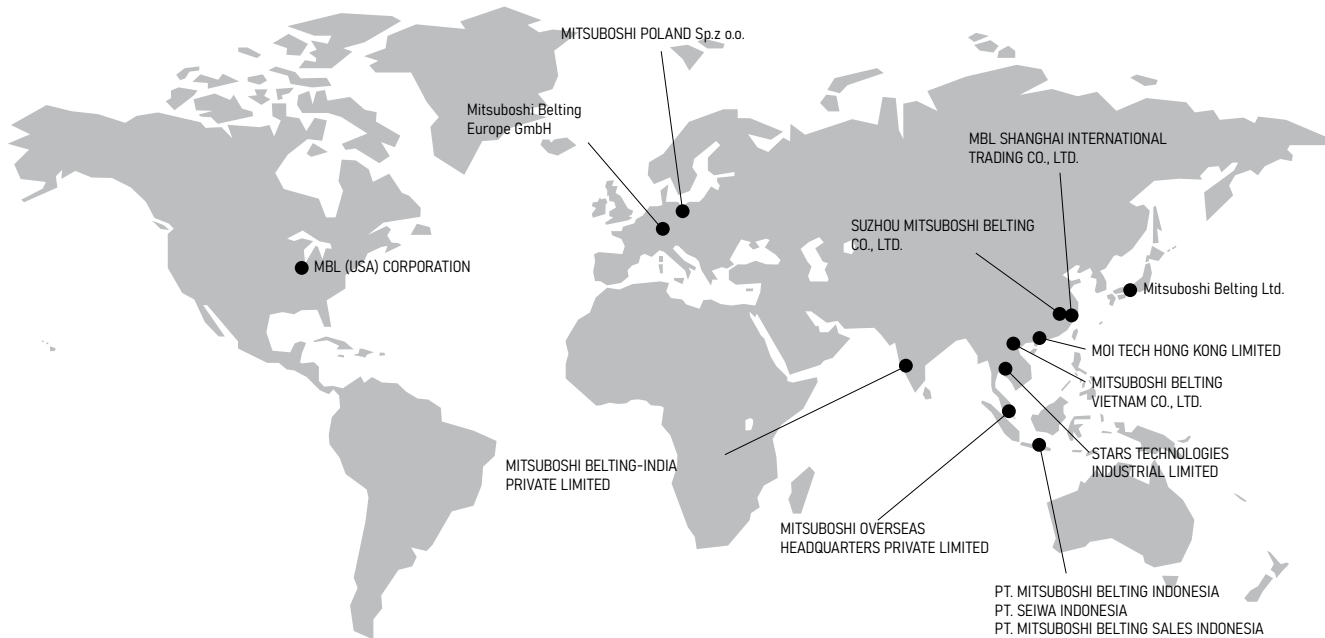
## Multi Conventional V-Belt

- ARPM heavy-duty power transmission belt with proven reliability for all general drives, also available banded (shown)
- Prestretched polyester cord reduces belt stretch and insures a strong bond with compression rubber
- Double layer outer fabric for additional protection and longer life
- Heat and oil resistant with high antistatic properties
- Belt life lasts approximately 30% longer than other leading belt manufacturers (size A-39 tested)

Cover	Cord	Compression Rubber
Cotton/Polyester	Polyester	NR/SBR



**Type:** Wrapped  
**Profiles:** B, C, D  
**Temperature Range:** -40 – 158°F  
**Maximum Belt Speed:** 30 m/s  
**Anti-static:** ARPM IP-3-3



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