

# DYNA Engineering

**Manufacturers & Suppliers of  
Conveyor Equipment & Services**

## **Steel Cord Conveyor Belts**



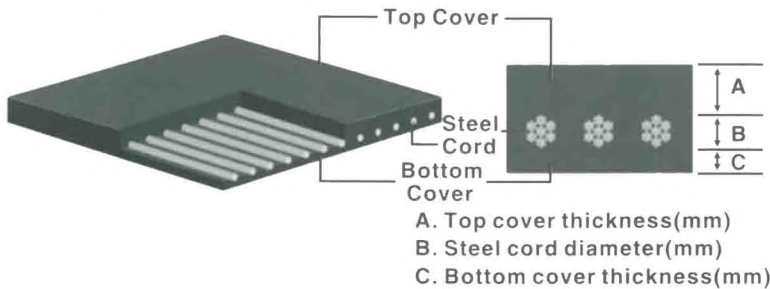
11 Rio St Bayswater WA 6053  
PO Box 84 Bayswater WA 6933

Telephone 08 9473 4300 Fax 08 9473 4399 Freecall 1800 801 558

# STEEL CORD CONVEYOR BELTS

Dyna Engineering supplies high quality, steel cord Conveyor Belting suitable for long distance and heavy duty applications. Belts can be manufactured up to 2500mm wide and supplied in rolls up to 600m long.

Steel Cord Conveyor Belts can also be manufactured to incorporate Textile Fabric resulting in belts with more resistance to longitudinal slitting.



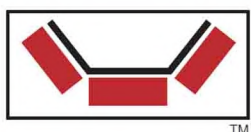
## Conveyor Belt Product Range

|        | Rated Break Strength (N/mm) | Cord Diameter (mm) | Cord Pitch (mm) | Splice Length (mm) | No. of Steps | Min. Diam. of Drive Pulley | Min. Cover Guage (mm) |
|--------|-----------------------------|--------------------|-----------------|--------------------|--------------|----------------------------|-----------------------|
| ST500  | 500                         | 2.6                | 13.8            | 500                | 1            | 400                        | 3                     |
| ST630  | 630                         | 3                  | 13.8            | 550                | 1            | 450                        | 3                     |
| ST800  | 800                         | 3.2                | 13.8            | 600                | 1            | 500                        | 3                     |
| ST1000 | 1000                        | 3.8                | 15.3            | 600                | 1            | 630                        | 3                     |
| ST1120 | 1120                        | 4.1                | 15.3            | 650                | 1            | 630                        | 3                     |
| ST1250 | 1250                        | 4.3                | 15.3            | 650                | 1            | 710                        | 3                     |
| ST1400 | 1400                        | 4.6                | 15.3            | 1000               | 2            | 710                        | 3                     |
| ST1600 | 1600                        | 5.3                | 17.3            | 750                | 2            | 800                        | 4                     |
| ST1800 | 1800                        | 5.6                | 17.3            | 1150               | 2            | 900                        | 4                     |
| ST2000 | 2000                        | 6.1                | 17.3            | 1150               | 2            | 1000                       | 4                     |
| ST2240 | 2240                        | 6.4                | 17.3            | 1150               | 2            | 1000                       | 4                     |
| ST2500 | 2500                        | 7.3                | 19.4            | 1350               | 2            | 1120                       | 5                     |
| ST2800 | 2800                        | 7.8                | 19.4            | 1450               | 2            | 1250                       | 5                     |
| ST3150 | 3150                        | 8.3                | 19.4            | 1650               | 2            | 1250                       | 6                     |
| ST3500 | 3550                        | 8.8                | 19.4            | 2350               | 3            | 1400                       | 6                     |
| ST4000 | 4000                        | 9.4                | 19.4            | 2650               | 3            | 1400                       | 7                     |
| ST4500 | 4500                        | 10.1               | 19.4            | 2800               | 3            | 1600                       | 7                     |
| ST5000 | 5000                        | 10.7               | 19.4            | 4050               | 4            | 1600                       | 8                     |
| ST5600 | 5600                        | 11.3               | 19.4            | 4450               | 4            | 1800                       | 8                     |
| ST6300 | 6300                        | 12.3               | 20              | —                  | —            | 2000                       | 9                     |

Note: Minimum pulley diameters are for a >60% Type A pulley. For other types and tensions refer to the Dyna Pulley Sizes Spec Sheet

## Conveyor Belt Cover Range

| AS 1333 | Characterization                                 | Tensile in Mpa | Elongation in % | Abrasion in mm <sup>3</sup> | Hardness in SHA |
|---------|--|----------------|-----------------|-----------------------------|-----------------|
| A       | Abrasion Resistant                               | ≥17            | ≥400            | ≤70                         | 65±5            |
| E       | Static Electricity Conducting                    | ≥14            | ≥300            | —                           | 65±5            |
| F       | Fire Resistant                                   | ≥14            | ≥300            | —                           | 65±5            |
| M       | General Purpose                                  | ≥24            | ≥450            | ≤125                        | 65±5            |
| N       | General Purpose                                  | ≥17            | ≥400            | ≤200                        | 65±5            |
| S       | Static Electricity Conducting and Fire Resistant | ≥14            | ≥300            | ≤250                        | 65±5            |



**DYNA**  
Engineering

11 Rio St  
Bayswater WA 6053  
Phone 08 9473 4300  
Fax 08 9473 4399

PO Box 84  
Bayswater WA 6933  
Freecall 1800 801 558  
www.dynaeng.com.au  
Email dyna@dynaeng.com.au