



Australasia

# Pulleys

Delivering Aussie Excellence

## PULLEYS

ATG designs and manufactures conveyor pulleys tailored to your specific application and requirements. With many years of experience in design and production, we offer our clients in-depth expertise. Our team conducts a thorough analysis of your specifications to ensure you receive the most suitable and cost-effective conveyor pulley for any application.

- Available in light, medium, and heavy-duty options
- Engineered for durability and long-term reliability
- Compliant with global industry and welding standards
- Various lagging options available
- Multiple bearing brands available
- Ringfeder locking elements standard
- Detailed drawings provided for final approval
- Customised diameters and dimensions can be manufactured



### Drive Pulley

The drive pulley is the component responsible for transmitting power throughout the entire conveyor system.

### Tail/ Bend Pulley

It can change the running direction of the conveyor belt and increase the wrap angle between the belt and the pulley.



### Wing Pulley

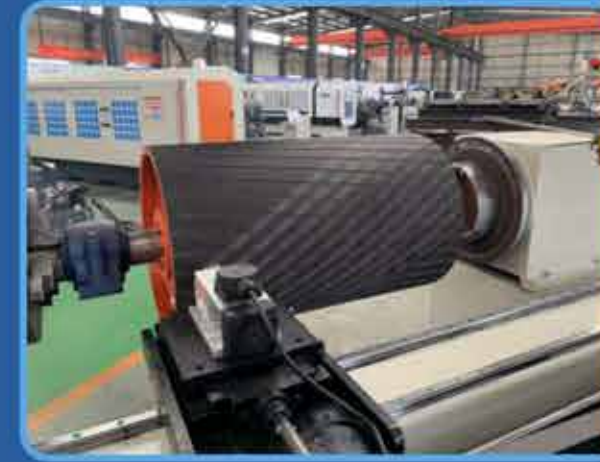
It effectively cleans the material adhering to the surface of the drum and the underside of the conveyor belt.

# PROCESS HIGHLIGHTS



## Nondestructive Testing

Equipped with non-destructive testing methods such as Ultrasonic Testing (UT), Magnetic Particle Testing (MP), and Penetrant Testing (PT), the system can inspect welds, the shaft, and the pulley shell to ensure all components meet process requirements and maintain reliable product quality.



## CNC Engraving

CNC engraving is used for rubber-lagged pulleys to eliminate the inconsistencies caused by manual engraving. This method is more efficient and produces a cleaner, more visually appealing finish.



## Dynamic Balance

Dynamic balance testing is performed on all pulleys to ensure their imbalance remains below the required standard, effectively maintaining optimal operating conditions for the bearings and extending their service life.



## Boring and Milling

The boring and milling process effectively ensures the coaxial alignment of the pulley shell ends, improves assembly accuracy, and helps maintain optimal operating conditions, thereby extending the pulley's service life.

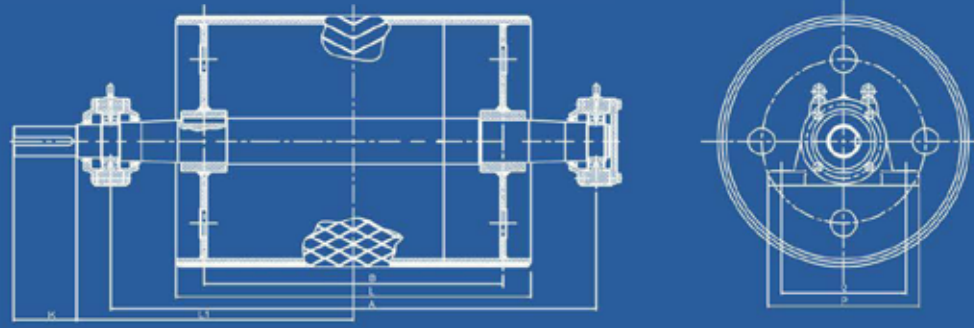
# MANUFACTURING EQUIPMENT



# PRODUCTS RANGE



# DRIVE PULLEY



Unit:mm

| B    | D    | DIMENSIONS |      |      |     |     |     |      |      | Bearing Type |
|------|------|------------|------|------|-----|-----|-----|------|------|--------------|
|      |      | A          | L    | L1   | K   | M   | N   | Q    | P    |              |
| 400  | 400  | 750        | 500  | 450  | 110 | 70  | —   | 280  | 340  | 22212        |
| 500  | 400  | 850        | 600  | 495  | 110 | 70  | —   | 280  | 340  | 22212        |
|      | 500  |            |      | 495  | 140 | 70  | —   | 350  | 410  | 22216        |
| 650  | 400  | 1000       | 750  | 570  | 110 | 70  | —   | 280  | 340  | 22212        |
|      | 500  |            |      | 590  | 170 | 80  | —   | 380  | 460  | 22220        |
|      | 630  |            |      | 590  | 170 | 80  | —   | 380  | 460  | 22220        |
| 800  | 400  | 1300       | 950  | 720  | 110 | 70  | —   | 280  | 340  | 22212        |
|      | 500  |            |      | 740  | 170 | 80  | —   | 380  | 460  | 22220        |
|      | 630  |            |      | 750  | 250 | 120 | —   | 480  | 570  | 22228        |
|      | 800  | 1400       |      | 800  | 250 | 200 | 105 | 520  | 640  | 22232        |
|      | 1000 | 1450       |      | 895  | 350 | 300 | 150 | 720  | 880  | 22244        |
|      | 1250 | 1450       |      | 925  | 410 | 320 | 170 | 840  | 1000 | 24156        |
| 1000 | 400  | 1500       | 1150 | 820  | 140 | 70  | —   | 350  | 410  | 22216        |
|      | 500  |            |      | 840  | 170 | 80  | —   | 380  | 460  | 22220        |
|      | 630  |            |      | 840  | 210 | 110 | —   | 440  | 530  | 22224        |
|      | 800  | 1600       |      | 995  | 350 | 255 | 140 | 640  | 780  | 23240        |
|      | 1000 | 1650       |      | 1000 | 350 | 270 | 140 | 720  | 880  | 23244        |
|      | 1250 | 1650       |      | 1025 | 410 | 320 | 170 | 720  | 1000 | 24156        |
|      | 1400 | 1650       |      | 1025 | 470 | 320 | 170 | 940  | 1150 | 23160        |
|      | 1600 | 1800       |      | 1175 | 470 | 470 | 260 | 1010 | 1200 | 23268        |
| 1200 | 500  | 1750       | 1400 | 965  | 170 | 80  | —   | 380  | 460  | 22220        |
|      | 630  |            |      | 975  | 250 | 120 | —   | 480  | 570  | 22228        |
|      | 800  |            |      | 1120 | 350 | 255 | 140 | 640  | 780  | 23240        |
|      | 1000 | 1900       |      | 1150 | 350 | 300 | 150 | 750  | 900  | 23248        |
|      | 1250 | 1900       |      | 1150 | 470 | 320 | 170 | 940  | 1150 | 23160        |
|      | 1400 | 2050       |      | 1300 | 470 | 470 | 260 | 1010 | 1200 | 23268        |
|      | 1600 | 2050       |      | 1300 | 470 | 470 | 260 | 1010 | 1200 | 23268        |

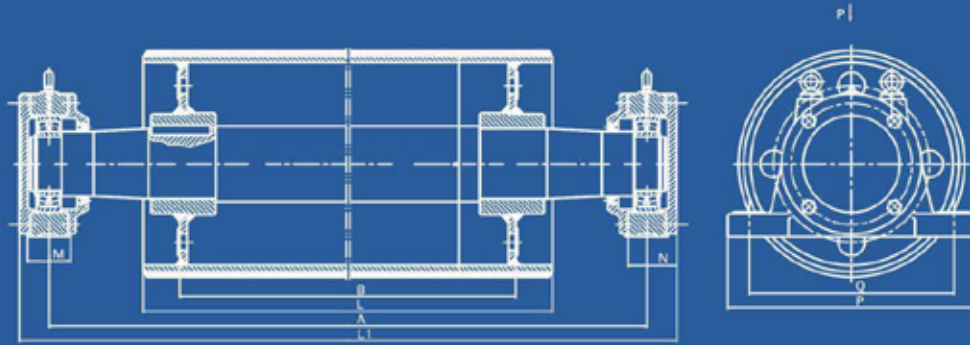
Unit:mm

| B    | D    | DIMENSIONS |      |      |     |     |     |      |      | Bearing Type |
|------|------|------------|------|------|-----|-----|-----|------|------|--------------|
|      |      | A          | L    | L1   | K   | M   | N   | Q    | P    |              |
| 1400 | 800  | 2100       | 1600 | 1220 | 350 | 270 | 140 | 720  | 880  | 23244        |
|      | 1000 | 2100       |      | 1250 | 350 | 300 | 150 | 750  | 900  | 23248        |
|      | 1250 | 2100       |      | 1260 | 470 | 320 | 170 | 940  | 1150 | 23160        |
|      | 1400 | 2250       |      | 1400 | 470 | 470 | 260 | 1010 | 1200 | 23268        |
|      | 1600 | 2250       |      | 1400 | 470 | 470 | 260 | 1010 | 1200 | 23268        |
| 1600 | 800  | 2350       | 1800 | 1375 | 350 | 300 | 150 | 750  | 900  | 23248        |
|      | 1000 | 2350       |      | 1385 | 410 | 320 | 170 | 840  | 1000 | 24156        |
|      | 1250 | 2350       |      | 1385 | 470 | 320 | 170 | 940  | 1150 | 23160        |
|      | 1400 | 2450       |      | 1500 | 470 | 470 | 260 | 1010 | 1200 | 23268        |
|      | 1600 | 2450       |      | 1500 | 470 | 470 | 260 | 1010 | 1200 | 23268        |
| 1800 | 800  | 2550       | 2000 | 1475 | 350 | 300 | 150 | 750  | 900  | 23248        |
|      | 1000 | 2550       |      | 1485 | 410 | 320 | 170 | 840  | 1000 | 24156        |
|      | 1250 | 2550       |      | 1485 | 470 | 320 | 170 | 940  | 1150 | 23160        |
|      | 1400 | 2650       |      | 1600 | 470 | 470 | 260 | 1010 | 1200 | 23268        |
|      | 1600 | 2650       |      | 1600 | 470 | 470 | 260 | 1010 | 1200 | 23268        |
| 2000 | 800  | 2750       | 2200 | 1575 | 350 | 300 | 150 | 750  | 900  | 23248        |
|      | 1000 | 2750       |      | 1585 | 410 | 320 | 170 | 840  | 1000 | 24156        |
|      | 1250 | 2750       |      | 1585 | 470 | 320 | 170 | 940  | 1150 | 23160        |
|      | 1400 | 2850       |      | 1700 | 470 | 470 | 260 | 1010 | 1200 | 23268        |
|      | 1600 | 2850       |      | 1700 | 470 | 470 | 260 | 1010 | 1200 | 23268        |
| 2200 | 800  | 3050       | 2500 | 1725 | 350 | 300 | 150 | 750  | 900  | 23248        |
|      | 1000 | 3050       |      | 1735 | 470 | 320 | 170 | 940  | 1150 | 23160        |
|      | 1250 | 3150       |      | 1850 | 470 | 470 | 260 | 1010 | 1200 | 23268        |
|      | 1400 | 3200       |      | 1885 | 470 | 485 | 260 | 1050 | 1240 | 23272        |
|      | 1600 | 3200       |      | 1885 | 470 | 485 | 260 | 1050 | 1240 | 23272        |
| 2400 | 800  | 3350       | 2800 | 1875 | 350 | 300 | 150 | 750  | 900  | 23248        |
|      | 1000 | 3350       |      | 1885 | 470 | 320 | 170 | 940  | 1150 | 23160        |
|      | 1250 | 3450       |      | 2000 | 470 | 470 | 260 | 1010 | 1200 | 23268        |
|      | 1400 | 3500       |      | 2035 | 470 | 485 | 260 | 1050 | 1240 | 23272        |
|      | 1600 | 3500       |      | 2035 | 470 | 485 | 260 | 1050 | 1240 | 23272        |
|      | 1800 | 3500       |      | 2035 | 470 | 485 | 260 | 1050 | 1240 | 23272        |

# TAIL/ BEND PULLEY



Unit:mm

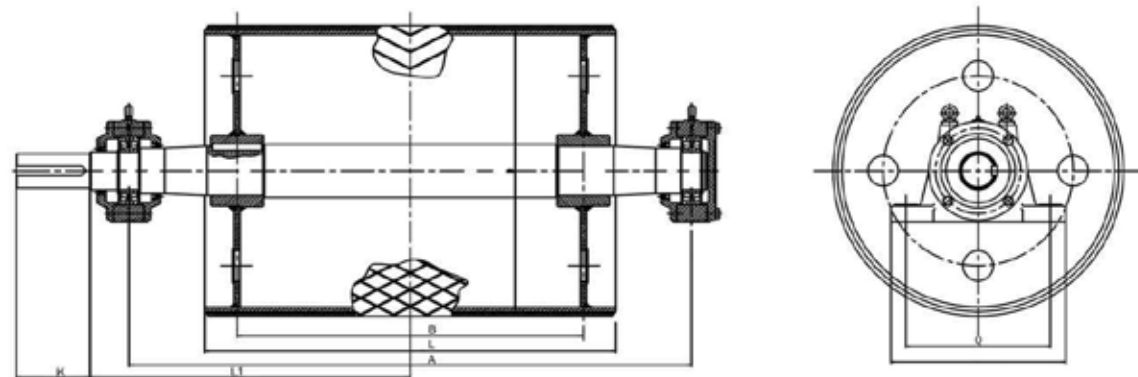


Unit:mm

| B    | D    | DIMENSIONS |      |      |      |      |     |     | Bearing Type |
|------|------|------------|------|------|------|------|-----|-----|--------------|
|      |      | A          | L    | L1   | Q    | P    | M   | N   |              |
| 400  | 400  | 750        | 500  | 860  | 280  | 340  | 70  | —   | 22212        |
| 500  | 400  | 850        | 600  | 960  | 280  | 340  | 70  | —   | 22212        |
|      | 500  |            |      | 965  | 350  | 410  | 70  | —   | 22216        |
| 650  | 400  | 1000       | 750  | 1139 | 380  | 460  | 80  | —   | 22220        |
|      | 500  |            |      | 1139 | 380  | 460  | 80  | —   | 22220        |
|      | 630  | 1050       |      | 1201 | 440  | 530  | 110 | —   | 22224        |
| 800  | 400  | 1300       | 950  | 1423 | 440  | 530  | 110 | —   | 22224        |
|      | 500  |            |      | 1433 | 480  | 570  | 120 | —   | 22228        |
|      | 630  | 1400       |      | 1550 | 520  | 640  | 200 | 105 | 22232        |
|      | 800  | 1400       |      | 1566 | 570  | 700  | 220 | 120 | 22236        |
|      | 1000 | 1400       |      | 1644 | 640  | 780  | 255 | 140 | 23240        |
| 1000 | 1250 | 1450       |      | 1740 | 750  | 900  | 320 | 170 | 24152        |
|      | 400  | 1500       | 1150 | 1623 | 440  | 530  | 110 | —   | 22224        |
|      | 500  |            |      | 1633 | 480  | 570  | 120 | —   | 22228        |
|      | 630  | 1600       |      | 1750 | 520  | 640  | 200 | 105 | 22232        |
|      | 800  | 1650       |      | 1894 | 640  | 780  | 255 | 140 | 23240        |
|      | 1000 | 1650       |      | 1894 | 720  | 880  | 270 | 140 | 23244        |
|      | 1250 | 1650       |      | 1940 | 750  | 900  | 320 | 170 | 24152        |
|      | 1400 | 1650       |      | 1940 | 840  | 1000 | 320 | 170 | 24156        |
|      | 1600 | 1650       |      | 1940 | 940  | 1150 | 320 | 170 | 23160        |
| 1200 | 400  | 1750       | 1400 | 1873 | 440  | 530  | 110 | —   | 22224        |
|      | 500  |            |      | 1883 | 480  | 570  | 120 | —   | 22228        |
|      | 630  | 1850       |      | 2000 | 520  | 640  | 200 | 105 | 22232        |
|      | 800  | 1900       |      | 2144 | 640  | 780  | 255 | 140 | 23240        |
|      | 1000 | 1900       |      | 2184 | 750  | 900  | 300 | 150 | 23248        |
|      | 1250 | 1900       |      | 2190 | 840  | 1000 | 320 | 170 | 24156        |
|      | 1400 | 2050       |      | 2500 | 1010 | 1200 | 470 | 260 | 23268        |
|      | 1600 | 2050       |      | 2500 | 1010 | 1200 | 470 | 260 | 23268        |

| B    | D    | DIMENSIONS |      |      |      |      |     |     | Bearing Type |
|------|------|------------|------|------|------|------|-----|-----|--------------|
|      |      | A          | L    | L1   | Q    | P    | M   | N   |              |
| 1400 | 400  | 1950       | 1600 | 2073 | 440  | 530  | 110 | —   | 22224        |
|      | 500  | 2050       |      | 2183 | 480  | 570  | 120 | —   | 22228        |
|      | 630  | 2050       |      | 2200 | 520  | 640  | 200 | 105 | 22232        |
|      | 800  | 2100       |      | 2344 | 720  | 880  | 270 | 140 | 23244        |
|      | 1000 | 2100       |      | 2390 | 750  | 900  | 320 | 170 | 24152        |
|      | 1250 | 2250       |      | 2700 | 1010 | 1200 | 470 | 260 | 23268        |
|      | 1400 | 2250       |      | 2700 | 1010 | 1200 | 470 | 260 | 23268        |
|      | 1600 | 2250       |      | 2726 | 1050 | 1240 | 485 | 260 | 23272        |
| 1600 | 400  | 2250       | 1800 | 2383 | 480  | 570  | 120 | —   | 22228        |
|      | 500  | 2250       |      | 2400 | 520  | 640  | 200 | 105 | 22232        |
|      | 630  | 2300       |      | 2466 | 570  | 700  | 220 | 120 | 22236        |
|      | 800  | 2350       |      | 2634 | 750  | 900  | 300 | 150 | 23248        |
|      | 1000 | 2350       |      | 2640 | 840  | 1000 | 320 | 170 | 24156        |
|      | 1250 | 2450       |      | 2900 | 1010 | 1200 | 470 | 260 | 23268        |
|      | 1400 | 2450       |      | 2900 | 1010 | 1200 | 470 | 260 | 23268        |
|      | 1600 | 2450       |      | 2926 | 1050 | 1240 | 485 | 260 | 23272        |
| 1800 | 400  | 2450       | 2000 | 2583 | 480  | 570  | 120 | —   | 22228        |
|      | 500  | 2450       |      | 2600 | 520  | 640  | 200 | 105 | 22232        |
|      | 630  | 2500       |      | 2744 | 640  | 780  | 255 | 140 | 23240        |
|      | 800  | 2550       |      | 2840 | 750  | 900  | 320 | 170 | 24152        |
|      | 1000 | 2550       |      | 2840 | 840  | 1000 | 320 | 170 | 23156        |
|      | 1250 | 2650       |      | 3100 | 1010 | 1200 | 470 | 260 | 23268        |
|      | 1400 | 2650       |      | 3126 | 1050 | 1240 | 485 | 260 | 23272        |
|      | 1600 | 2650       |      | 3126 | 1050 | 1240 | 485 | 260 | 23272        |
| 2000 | 400  | 2650       | 2200 | 2783 | 480  | 570  | 120 | —   | 22228        |
|      | 500  | 2650       |      | 2800 | 520  | 640  | 200 | 105 | 22232        |
|      | 630  | 2700       |      | 2944 | 640  | 780  | 255 | 140 | 23240        |
|      | 800  | 2750       |      | 3040 | 750  | 900  | 320 | 170 | 24152        |
|      | 1000 | 2750       |      | 3040 | 840  | 1000 | 320 | 170 | 23156        |
|      | 1250 | 2850       |      | 3300 | 1010 | 1200 | 470 | 260 | 23268        |
|      | 1400 | 2850       |      | 3326 | 1050 | 1240 | 485 | 260 | 23272        |
|      | 1600 | 2850       |      | 3334 | 1090 | 1280 | 500 | 280 | 23276        |
| 2200 | 500  | 2950       | 2500 | 3100 | 520  | 640  | 200 | 105 | 22232        |
|      | 630  | 3000       |      | 3244 | 640  | 780  | 255 | 140 | 23240        |
|      | 800  | 3050       |      | 3340 | 750  | 900  | 320 | 170 | 24152        |
|      | 1000 | 3150       |      | 3600 | 1010 | 1200 | 470 | 260 | 23268        |
|      | 1250 | 3150       |      | 3600 | 1050 | 1240 | 485 | 260 | 23272        |
|      | 1400 | 3150       |      | 3600 | 1090 | 1280 | 430 | 240 | 23276        |
|      | 1600 | 3150       |      | 3600 | 1090 | 1280 | 430 | 240 | 23276        |
|      | 500  | 3250       | 2800 | 3416 | 570  | 700  | 220 | 120 | 22236        |
| 2400 | 630  | 3300       |      | 3544 | 720  | 880  | 270 | 140 | 23244        |
|      | 800  | 3350       |      | 3640 | 750  | 900  | 320 | 170 | 24152        |
|      | 1000 | 3450       |      | 3900 | 1010 | 1200 | 470 | 260 | 23268        |
|      | 1250 | 3450       |      | 3926 | 1050 | 1240 | 485 | 260 | 23272        |
|      | 1400 | 3450       |      | 3934 | 1090 | 1280 | 430 | 240 | 23276        |
|      | 1600 | 3450       |      | 3934 | 1090 | 1280 | 430 | 240 | 23276        |
|      | 1800 | 3450       |      | 3934 | 1090 | 1280 | 430 | 240 | 23276        |

# PULLEYS ENQUIRY FORM

☐ Drive Pulley☐ No Drive Pulley

Email: \_\_\_\_\_ Tel: \_\_\_\_\_

Customer ID: \_\_\_\_\_

Add: \_\_\_\_\_

Delivery time: \_\_\_\_\_

Website: \_\_\_\_\_

Job number: \_\_\_\_\_

[illegible]

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