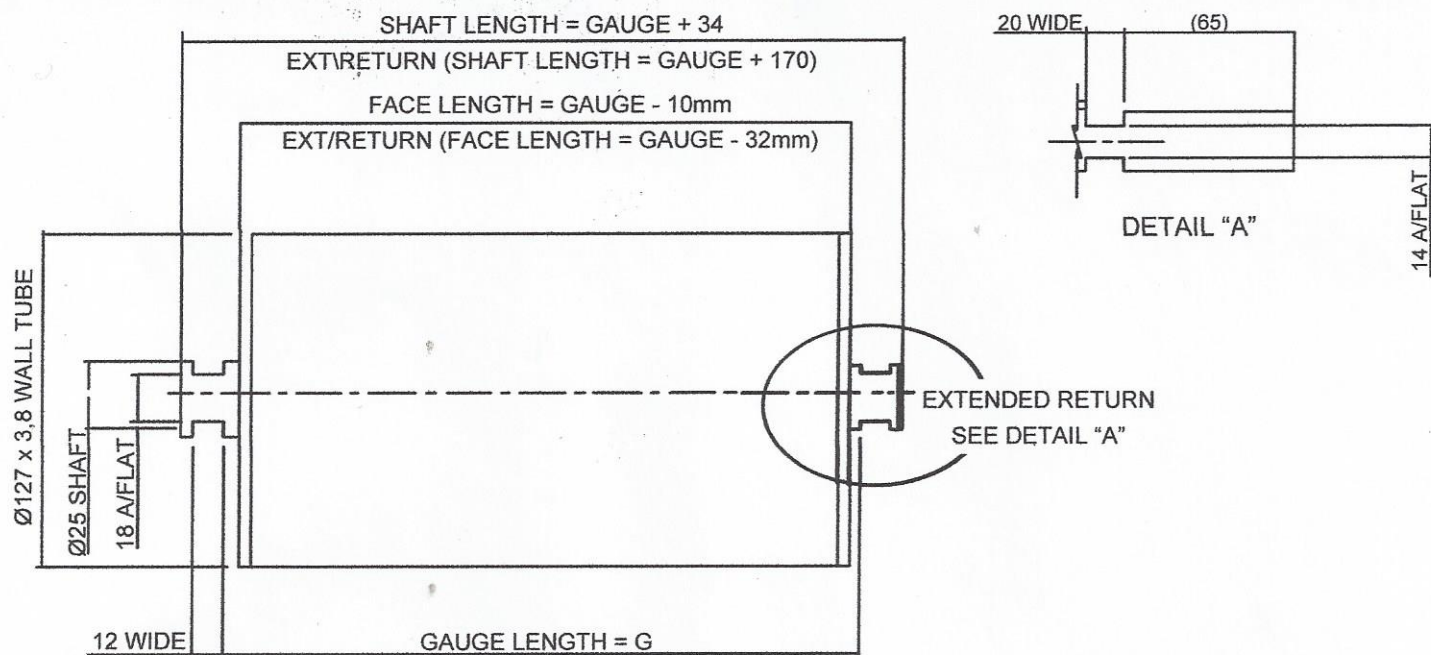


Dimensional Data

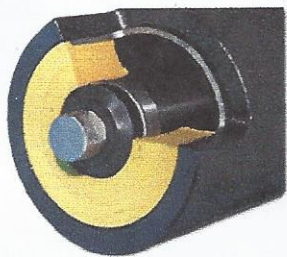


DELTA ROLLERS SERIES 25

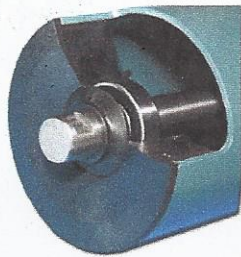
DIAMETER 127 X 3.8 WALL THICKNESS ROLLERS

| BELT SIZE mm/INCHES | 3-ROLL TROUGHING IDLER | | | 5-ROLL TROUGHING IDLER | | | RETURN ROLLER | | | V-RETURN ROLLER | | |
|------------------------|---------------------------|-------|------|---------------------------|-------|------|------------------|-------|------|--------------------|-------|------|
| | SHAFT | GAUGE | FACE | SHAFT | GAUGE | FACE | SHAFT | GAUGE | FACE | SHAFT | GAUGE | FACE |
| 400 (16") | 214 | 180 | 170 | - | - | - | 528 | 494 | 484 | - | - | - |
| 450 (18") | 234 | 200 | 190 | - | - | - | 580 | 546 | 536 | - | - | - |
| 500 (20") | 244 | 210 | 200 | - | - | - | 630 | 596 | 586 | - | - | - |
| 600 (24") | 284 | 250 | 240 | - | - | - | 732 | 698 | 688 | 344 | 310 | 300 |
| 750 (30") | 334 | 300 | 290 | - | - | - | 884 | 850 | 840 | 444 | 410 | 400 |
| 900 (36") | 384 | 350 | 340 | - | - | - | 1038 | 1004 | 994 | 519 | 485 | 475 |
| 1050 (42") | 434 | 400 | 390 | 284 | 250 | 240 | 1190 | 1156 | 1146 | 604 | 570 | 560 |
| 1200 (48") | 494 | 460 | 450 | 314 | 280 | 270 | 1342 | 1308 | 1298 | 679 | 645 | 635 |
| 1350 (54") | 544 | 510 | 500 | 344 | 310 | 300 | 1494 | 1460 | 1450 | 764 | 730 | 720 |
| 1500 (60") | 604 | 570 | 560 | 384 | 350 | 340 | 1646 | 1612 | 1602 | 844 | 810 | 800 |
| 1650 (65") | 654 | 620 | 610 | 414 | 380 | 370 | 1798 | 1764 | 1754 | 929 | 895 | 885 |
| 1800 (70") | 704 | 670 | 660 | 444 | 410 | 400 | 1952 | 1918 | 1908 | 1008 | 975 | 964 |

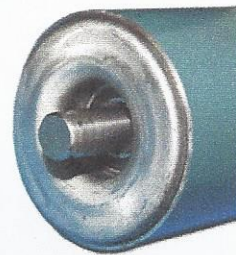
Delta Rollers and Idlers



Delta H.D.P.E Roll



Delta Steel Roll



**Delta Steel Roll
(pressed end cap)**

Designed for maximum durability and reliability:

Extremely high impact glass filled nylon bearing housing, totally enclosed with bearings and seals loaded from the inside.

Outside rubber flinger for further prevention of foreign matter entering between shaft and housing.

Single row deep grooved bearing pre-packed with lithium based grease or deep grooved sealed bearings.

Bright steel shafting drawn to bearing manufacturers recommended tolerances with shaft ends machined to closed or open end fitting.

The bearing housing is pressed into close tolerance conveyor tubing, resulting in perfectly paralleled bearings with minimum miss-alignment, peripheral run-out and vibration, which result in early bearing failure.

No welding which results in distortion and miss-alignment of bearings.

With the exception of the deep drawn steel bearing housing with high radius stresses and welding, all other types are fitted with glass filled nylon bearing housings as the pictures depict.

The **H.D.P.E** roll is machined resulting in zero peripheral run-out on the 127mm diameter with a wall thickness of 18mm.

The **Delta Roller** range is manufactured to fit all types of idler frames.

The **Delta Bracket** is manufactured from heavy duty angle iron and channel iron leg supports. The angle iron is bent to the required angle and fitted with 8mm inner brackets at gauge length spacing to support the rollers.



**Delta 2-roll
V-return**



**Delta 3-roll
Impact Idler**



**Delta 3-roll
Troughing Idler**



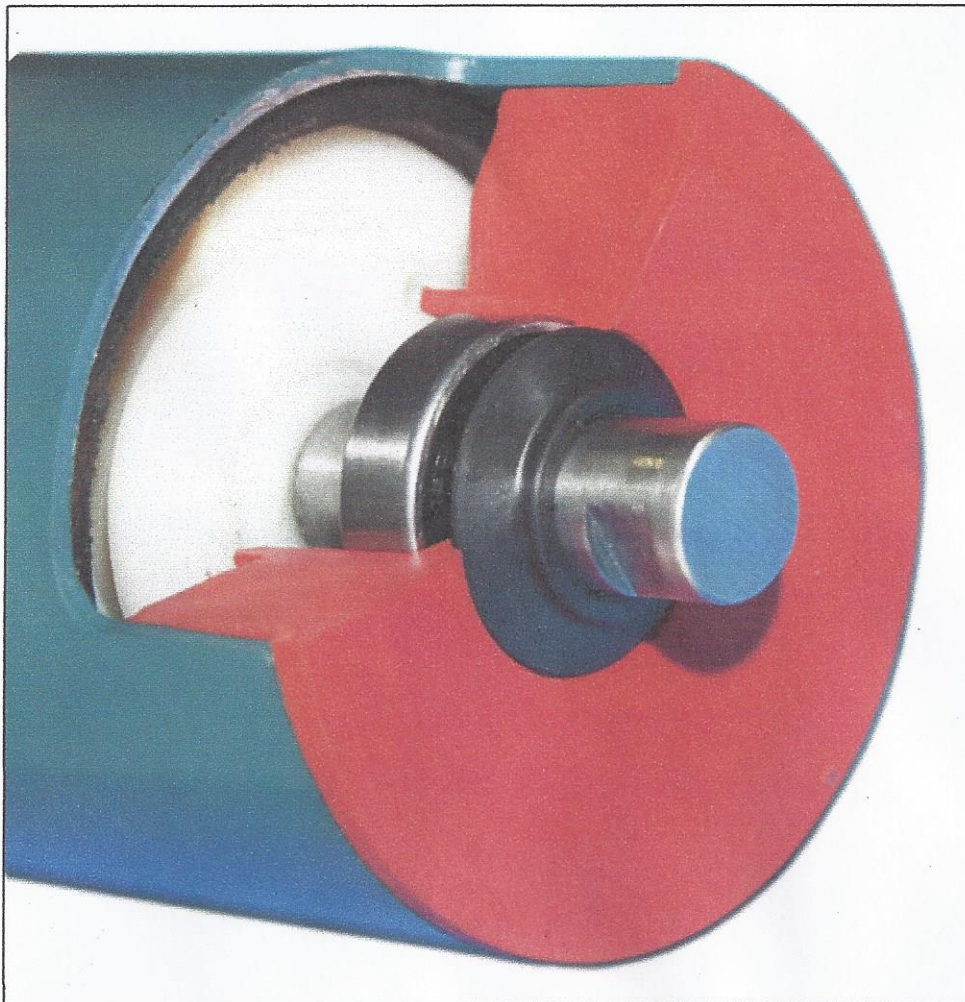
**Delta Troughing
Training Idler**

Anti-rollback (Brake Rollers)

The **Delta Anti-Rollback Roller** is a roller with a difference. Designed and patented to stop runaway conveyor belts thus eliminating the risk of:

- Damage to infrastructure
- Injury and possibly fatal accidents
- Lengthy and difficult clean-up operations
- Loss of production

The mechanism (stopper) is designed to fit a standard Delta Idler, which makes very little contact with the barrel whilst rotating in the forward direction. The mechanism remains stationary with no wear whilst the roller is in use and is only activated in the opposite direction. The mechanism is not part of the bearing, ensuring guaranteed life whilst the roller is rotating.



Delta Anti-Rollback Roller