

Trommel Success

Region: Australia

Technology Groups: Screening Media, Wear Liners

Companies: Multotec Australia, Multotec South Africa

- 5 000 tons per hour in a copper application
- Lump size 75 mm – BWI = 17
- 2 x 40 ft SAG Mills

Background:

A valued Multotec customer needed a better solution for his trommel screen media wear life. The current situation was that the supplied Polyurethane panels would only last 8 weeks maximum life.

Multotec's solution:

Multotec solved the short wear life with our abrasive and impact resistant rubber compound and extended the trommel panel life to 24 weeks.

The screen media also has an internal wear monitor system to allow the operators warning on the trommel panels wear status immediately. (At 24 weeks 3 of the 4 wear indicators are exposed, as the next shut is 12 weeks further, panels are replaced as a cautionary measure).

Our specialists also provided a modular system with Heavy-Duty Pins and Sleeves to facilitate the quick removal and installation of new screen media.

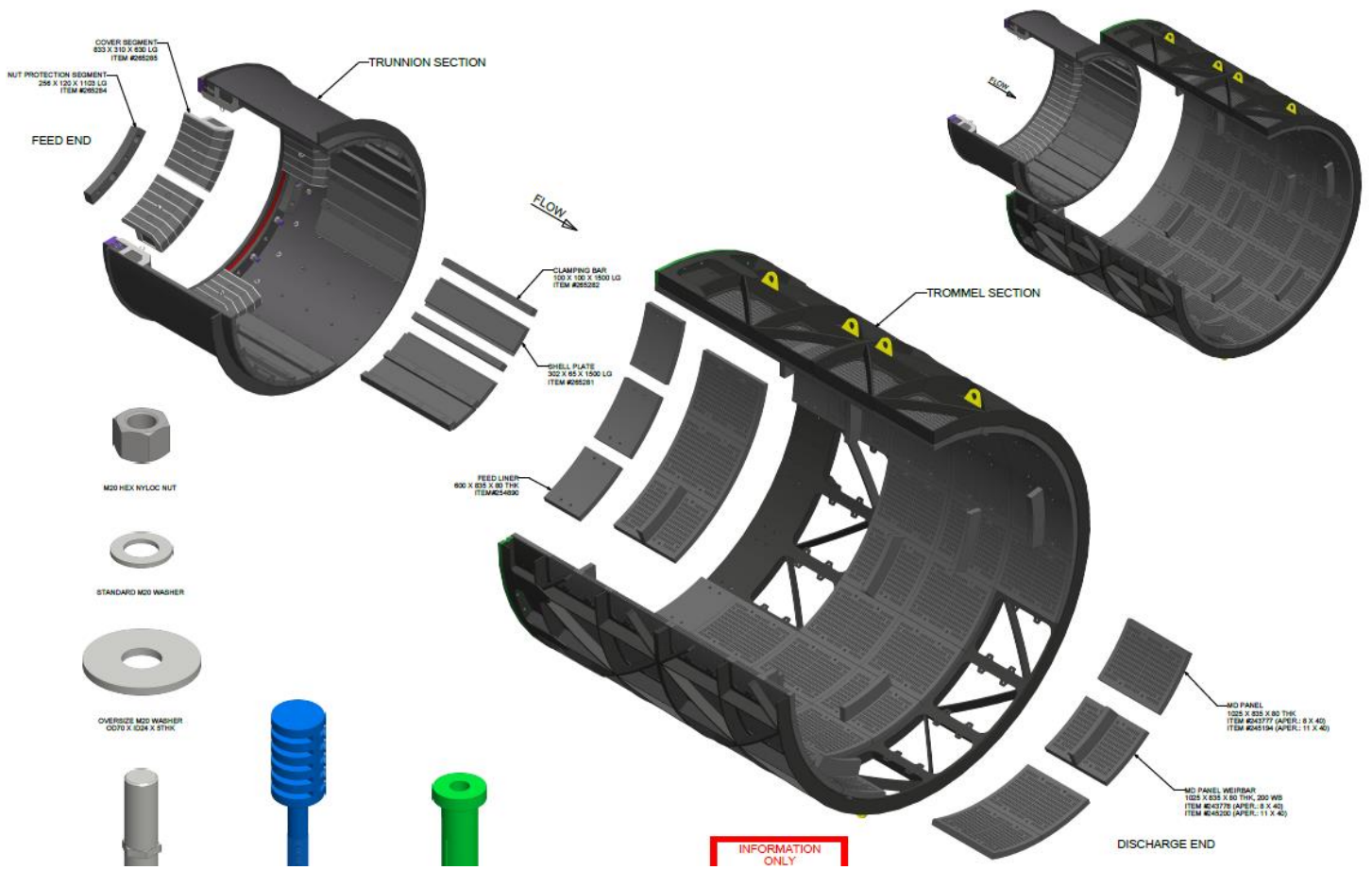
Important facts:

- Apt. size = 8 x 40 and 11 x 40
- Top size of material = 75 mm
- Panel dimensions = 842 mm x 1 025 mm x 60 mm thick
- Weight = 74 kg per panel
- Locking system = Pin and Sleeve
- Ancillary products now supplied: Mill Linings & Trunnion Liners
- Current wear life = 24 weeks (see below)

Key Project Outcomes

- ◆ Increased wear life
- ◆ Less maintenance-related downtime
- ◆ Increased plant availability
- ◆ Less \$\$\$ on consumables spending
- ◆ Innovative & cost-effective design





Screen Media, Fixing System and Trunnion Parts