

TyrFil Belt Drive

Faster Pump Speeds · Minimum Clean-up Time · Enhanced Screen Display

The TyrFil Belt Drive can mix virgin oil-based or water-based tire fill with Engineered Rubber Crumb. The TyrFil Recycling Technology's computer systems are field-proven for more than a decade to meter and mix controlled amounts of virgin liquid tire fill and Engineered Rubber Crumb to a homogenous TyrFil mixture that fills the tire exactly the same as virgin liquid tire fill. The TyrFil Belt Drive strengthens Carlisle's commitment to superior flatproofing performance, sustainability, and materials handling best practices.



Specifications:

- Pumping speed up to 40 to 50 lbs./minute.
- Crumb/liquid ratio of 40/60 (MEWP) or 35/65 (Telehandler).
- Remote access via VNC app (phone, tablet, etc.) or web address (laptop or desktop PC). Private (blind to operator) password protected web page with accumulated weights for ISO, Catalyst, crumb, tire count, tire weight, and remote notification (text and email) of diagnostics. Additional data can be added as required.
- HMI touch screen.
- Tire size selected by desired recipe.
- Machine can be set to stop when a desired percentage of the tire weight has been filled.
- Machine can prompt operator to drill weep hole.
- When hitting cycle complete, PLC data logs recipe number, both ISO and Catalyst liquid weights, crumb weight, total tire weight, date, time, operator, and other data upon request. Data can then be uploaded from SD card via Ethernet or M2M cellular modem.
- Monitor virgin and engineered rubber crumb ratio and self-adjusts if the range becomes +/- 3%.
- *Electrical requirements:
 - 480 Volt, 3 Phase 60 Hertz, 50 Amp
 - 380 Volt, 3 Phase 50 Hertz, 50 Amp



Carlisle TyrFil recommends mixing TyrFil with our Engineered Rubber Crumb at a set percentage for best performance:

- High and consistent quality
- Competitive price
- Simple logistics
- Readily available globally

Engineered Rubber Crumb offers significant cost savings compared to only processing virgin TyrFil.

We keep the world rolling.
No flats, smoother ride, more protection.

Carlisle TyrFil

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