

TyrFil AutoFil-GenII

Grinds both rubber crumb grind and PU grind!



Faster pump and
grind speeds



Minimum
clean-up time



Enhanced
screen display



The TyrFil patented AutoFil-GenII can mix virgin tire fill with rubber crumb grind, PU grind or both rubber crumb/PU grind. 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 granulated tire fill to a homogenous TyrFil mixture that fills the tire exactly the same as virgin liquid tire fill. The TyrFil AutoFil-GenII strengthens Carlisle's commitment to superior flatproofing performance, sustainability, and materials handling best practices.

Specifications:

- Pumping speed up to 40 Lbs./Min.
- Crumb/liquid ratio of 65/35.
- 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 bar code/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.
- Sensing of rubber crumb hopper level to automatically start/stop grind depending on crumb level.
- Monitor grinder motor amperage to reverse motor in case of grinder jams.
- Monitor all drives amperage and comparing to expected values for potential faults and diagnostics throughout the system.
- Monitor virgin and recycled material ratio and self-adjust if the range becomes +/- 3%.

* Electrical requirements: 480 volts, 75 amps, 3-phase

* Machine weight: 4,300 lbs

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

Carlisle TyrFil

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