



PressurBuilder Tyre Retreading Machine

Buff, Build and Mould: Truck Tyre Repair System



...a lifetime of reliability and support



Tyre Retreading Machine

The Barwell PressurBuilder is a fully automated and environmentally-friendly tyre retreading system featuring an integral in-line screw extruder. It is designed specifically to provide a high quality and cost-effective method of recycling truck and lorry tyres with a unique direct to casing process.

- A cost-effective all-in-one direct to casing process
- Suitable for any profile and tread depth
- Highly accurate heat and pressure building provides exceptional bond producing 'good as new' reshaped tyres
- No need for cushion gum or adhesive
- Produces a perfect tread application every time regardless of buffed profile

- Damage such as skives and buzz-outs are fully repaired
- Environmentally-friendly system of recycling used tyres



FEATURES

- Up to 20 tyres an hour of any profile and tread depth
- Builds in one revolution
- Full Cap or Top Cap capability
- Cold strip rubber feed to cold feed screw extruder
- 90mm cold feed screw extruder
- Heating and cooling control
- Self-diagnostic tools for monitoring of extruder drive
- Complete automatic processing
- Precise profile and gauge control
- Easy to operate control station

OPTIONS

- Metal detector unit
- Optional Pin system for cold feed screw extruder

barwell PRESSURBUILDER
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HOW DOES THE PRESSURBUILDER WORK?

The hot rubber is extruded, under pressure, in one accurate profile directly onto the buffed casing as the casing rotates through one complete revolution to provide accurate and long-lasting tread applications.

The method brings the buffed casing directly into the head of the extruder and forms on half of the die profile. The PressurBuilder provides automatic splicing at end of tyre build rotation.

The end result is a safe tyre with an excellent bond between the new rubber and casing with all buzz-outs automatically filled up to 9mm depth. The highly accurate system means that under or over building is reduced to a minimum which reduces rejects.

The easy-to-operate control station allows precise profile and gauge control.



APPLICATIONS

- Truck and lorry tyres
- Tyre sizes from 750" x 16" to 1200" x 22.5"
- Radial and Bias-ply tyres



ENHANCED SAFETY

Health and safety is a primary concern for those responsible for machine maintenance and operator safety.

Barwell machines are manufactured to comply with international safety standards and are supplied with a number of features to ensure safe operation.



SUPPORT

Barwell has always taken the approach that a customer needs to be supported for the lifetime of the machine.

- Commissioning and servicing packages available
- Technical support
- Spare parts
- Technical advice

barwell Support 
Advice | Spares | Service

barwell **PRESSURBUILDER**

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