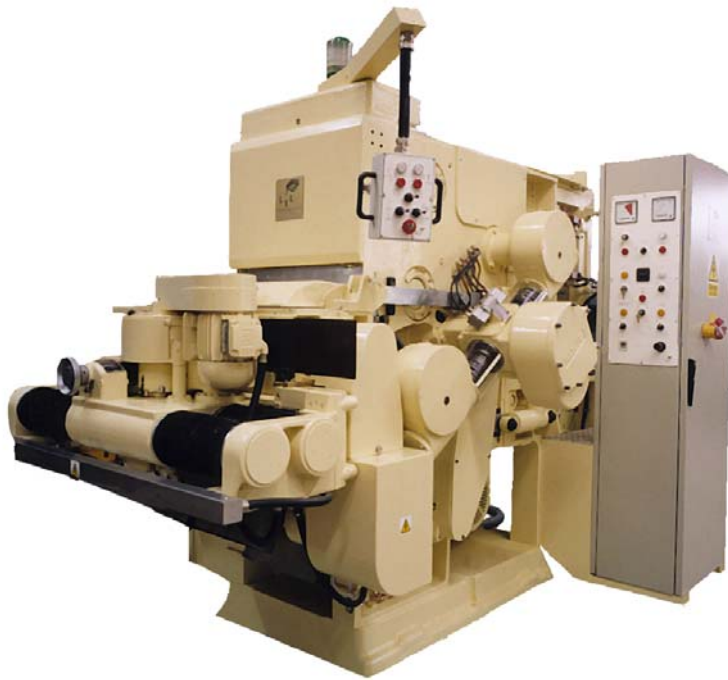




TOBACCO ENGINEERING

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## **BENEFITS**

- Industry leading pedigree (Legg)
- Rebuilt to As-New condition
- Incorporates latest controls, materials and manufacturing methodology
- On-board PLC control available as an option
- Comprehensive spare parts and after sales support service

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## **REBUILT CUTTING MACHINE**

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A Medium Duty Rotary Cutting Machine Providing Excellent Cut Tobacco Quality

The LTL Group are designers and manufacturers of bespoke process equipment for the world tobacco industries.

We also offer high quality rebuilt equipment and the LTL rebuilt Legg SS Cutting Machine is an excellent example of this cost effective service. We are able to rebuild customers existing machines or provide donor machines from our own stock. Both Stem and Lamina versions are available.

Our service offers only one level of rebuild which comprises of a complete disassembly of the machine to individual component level, cleaning / bead blasting to remove all corrosion, product residue and old paint, all components are then carefully inspected for wear and / or damage and replaced as necessary. All bearings, bushes, seals, drive belts, pneumatic and electrical equipment is replaced with new regardless of condition. The machines are then re-assembled by our full time specialist Cutter Technicians (many of whom are ex-Legg or Legg trained).

The completed machine is fully tested and despatched complete with a local dust collection unit to collect grinding grit, specialist tool kit and operator / spare parts catalogues. All LTL equipment carries a comprehensive twenty four month parts and labour warranty.

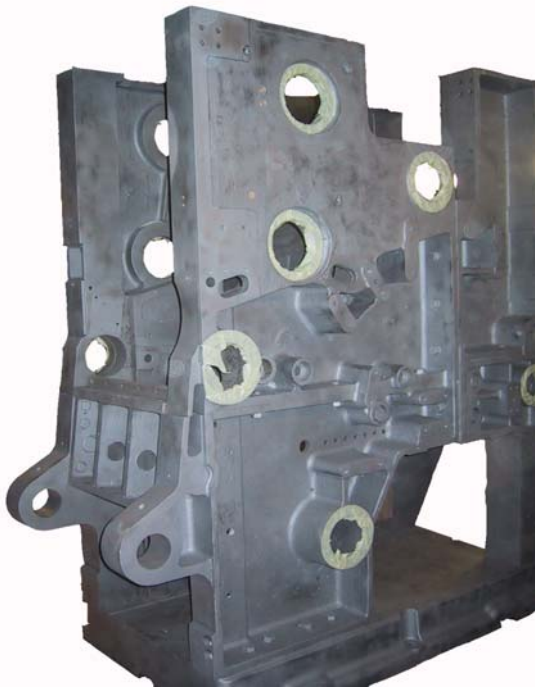
# REBUILT CUTTING MACHINE

## MAIN FEATURES

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### MECHANICAL FEATURES

The LTL rebuilt Legg SS Cutting Machine retains all of the critical features from the original Legg design such as mechanically linked cutting drum and feed band speeds, which guarantees width of cut accuracy, and the parallel link mechanism on the top band unit which maintains correct mouth clearances over a wide range of mouth openings, however, the rebuild procedure also incorporates enhanced features which take advantage of modern components, materials and manufacturing techniques to ensure that the rebuilt machine is comparable with current new Rotary Cutters. Features such as Ultra High Molecular Weight Polyethylene lining plates to replace the original brass units, proprietary pneumatic cylinders to replace the bespoke designs and modifications to allow use of modern metric bearings, seals and fixings where the original imperial items are no longer available.



The donor machines are fully stripped and all castings are bead blasted prior to inspection, re-finishing and assembly.

### ELECTRICAL FEATURES

The electrical system of the rebuilt cutting machine is entirely renewed and updated utilising modern components and designs to include improved operational and safety features.

The original DC variable speed or fixed speed drive units are replaced with the latest AC frequency inverter drives which provide enhanced performance and greater flexibility in programming options.

The standard rebuild incorporates traditional relay logic control and manual switches to operate the various functions of the machine, however we also offer a PLC version complete with a full colour touch sensitive screen for operator interface. The PLC version has an optional profi-bus connection for communication with other equipment and SCADA systems within the primary department.

Health and safety features include interlocked guarding, restricted cutting drum access and automatic feed band reverse on emergency stop which prevents the knives jamming into the uncut cheese of tobacco.

### PNEUMATIC COMPONENTS

All pneumatic components are renewed with modern micro valves and pressure switches which eliminate the need for a separate pneumatic cabinet. A dry, regulated air supply is required for the correct operation of the machine, an on-board fog lubricator provides oil to components where necessary.