

Press release:

24 October 2018

'Finish' first: Timesavers' new deburring and grinding equipment on show at Euroblech 2018

Euroblech is arguably the world's ultimate trade exhibition for all those involved in steel processing. This year, leading abrasive finishing solutions provider Timesavers is showcasing a number of new machines at Euroblech, including the popular 42 RB Series. This year, the utility of this machine has been greatly enhanced with an add-on machine. In addition, the company will be displaying its 42 Series HWRB machine, now equipped with the newly developed Hammer Head tool for heavy slag removal. Finally, Timesavers' new additions are rounded off with a new-look 12 Series machine.

In South Africa, Timesavers is represented by the Johannesburg-based company First Cut which are the country's leading distributors of steel cutting and processing capital equipment and consumables.

The technologically-advanced 42 Series Rotary Brush machine adds even more value to steel processing businesses, with the all-new 'add-on' underside finishing machine.

This 'add-on' machine is placed in front of the machine, and serves to remove burrs from the underside of workpieces before they enter the main deburring process. The advantage of this is that deburring can be done with one single pass - in half the time it previously took.

In the world of fabrication today, there is overwhelming demand for increased speed of production, while still meeting quality requirements. The 42 series meets these requirements in full. With modern fibre laser technology, in some clients' fabrication centres, the output of newly cut components has reached unprecedented rates. With the add-on machine, Timesavers has therefore ensured that the process of deburring and edge-rounding effectively eliminates any production bottlenecks, and increases productivity and profitability accordingly.

In addition, the add-on machine allows the 42 Series to be more easily integrated into fully automated processing lines.

Not only does the 42 series offer improved deburring, rounding and finishing in one processing step, is also able to process a large variety of sheet thicknesses and metal types. This machine is also very versatile, as it can deburr and grind small parts from 30mm to

large parts up to 1600mm. It can also process a large variety of materials including stainless steel, aluminium, zincor, zinc and laser film products.

The machine features a centrally installed and user-friendly control panel, and an automatic table opening of 0 – 100 mm. To ensure a perfect finish, the machine has a carousel rotating brush head; which is equipped with eight brushes – four rotating to the left and four to the right. The frequency-controlled conveyor belt feeds at speeds ranging from 0.2 to 8 m/min. Window panels and a well-lit interior make it easy to keep a visual check on processing.

The brushes have an extremely long service life of approximately 3,000 hours. However, when brushes or belts need to be replaced, there is a quick replacement system for virtually uninterrupted production. To monitor feed status, the machine is equipped with LED beams on the infeed and outfeed; and the vacuum table has an automatic cleaning cycle.

While the most common finish achieved by the Timesavers wide belt machine is the straight line or 'grain' finish for decorative or aesthetic purposes, some customers may require a random, circular or orbital scratch pattern. Timesavers offer machines for each of these requirements; and will run samples to demonstrate the required finish results accordingly.

Alternatively, the component can be given a finish with the surfaces prepared for painting or for receiving a specific micro-finish. If any customer has a specific deburring challenge, the First Cut and Timesavers teams are always ready and willing to consult, in order to find an optimal deburring or grinding solution.

Many Timesavers customers have found that switching from time-consuming manual deburring to an automated Timesavers machine has not only saved them a substantial amount of operational time - but substantial costs as well.

Ultimately, for unmatched high-end finishes, the 42 Series is the ideal solution for the fabricator or manufacturer dedicated to supplying their customers with premium standard, quality-cut and finished components.

Ends

(666 words)

Note to Editors

About First Cut

Celebrating 62 years of industry experience in 2016, First Cut is a leading South African distributor of a range of cutting consumables and capital equipment. In its consumables division, First Cut is able to meet the needs of a vast range of industries through the supply of band saw blades, circular saw blades, hacksaw blades, and other cutting consumables.

Since its acquisition in 2003 of Band Sawing Services, First Cut has expanded its services into capital equipment and this division has grown exponentially, thanks to its partnerships with some of the best-known brands globally.

The company's capital equipment division specializes in metal cutting, sheet metal processing, structural (such as CNC bending), and tube and pipe processing. First Cut has also invested substantially in its service programme enabling the company to provide repairs and maintenance services for a wide range of machines, from entry level band saws to state-of-the-art CNC controlled drilling and cutting lines.

Employing 240 people, First Cut is based in Benrose, Gauteng but has a national footprint and distribution facilities across South Africa.

Quality is at the top of the agenda at First Cut and the company has achieved the ISO 9001:2008 certification and adheres to strict quality and safety regulations.

Editorial Contact

Kendal Hunt

Managing Director

Kendal Hunt Communications PR and Media Liaison Agency

+27 - 11 462 6188

+27 - 82 823 6533

kendal@kendalhunt.co.za