/ PRESS RELEASE // DECEMBER 2021

Scottish saw centre counts on Swabian sharpening expertise

Biberach an der Riss, 8th December 2021 – "The Saw Centre" trade shop and distribution centre is based in the Scottish city of Glasgow. While its roots go back to 1889, the company has now grown to 30 employees. "The Saw Centre" has been using Swabian sharpening technology made by VOLLMER for 20 years. In April 2021, the company put its new VOLLMER CHD 270 sharpening machine with an ND 250 loading system into operation. This enables operators to machine carbide-tipped circular saw blades with complex tooth geometries in a single set-up and run it around the clock without manual intervention.

(You can also find the press release with relevant pictures at: https://www.vollmer-group.com/en/company/press/press-releases)

The name says it all when it comes to "The Saw Centre" in Glasgow. The site has a total area of 20,000 square metres and the business primarily resharpens circular and band saw blades. Furthermore, the company makes solid carbide tools and distributes machinery for the wood processing and metalworking industries. "The Saw Centre" is family-owned now the third generation and is jointly managed by David Stevenson and Tony Galbraith.

Sharpening complex tooth geometries in a single set-up

"The evolution of saw blades for our primary industries of wood, metal cutting, construction and UPVC has moved on quite drastically in the last 20 years," says Tony Galbraith. "To service the needs of our customers and streamline our productivity, we needed to upgrade our machinery. This upgrade was the VOLLMER CHD 270 with an ND 250 loading system that arrived in April 2021."

Thanks to its patented dual grinding wheel concept, the CHD 270 machine made by Biberach-based sharpening specialist VOLLMER is able to fully machine carbide-tipped circular saw blades in a single set-up – without having to change the grinding wheel. This enables "The Saw Centre" to machine circular saws with a straight tooth geometry and side chamfers in a single work operation – previously, three work processes were required. In addition, the CHD 270 can also be used to sharpen saw blades with alternating flat and angled teeth in a single set-up. Manufacturers

produce these types of circular saw blades with more complex tooth geometries in order to improve the performance and durability of saw blades. Such circular saws are used above all by companies that process aluminium and PVC plastics. Moreover, there is also an increasing demand for hollow ground saw blades with concave tooth geometries.

VOLLMER's technology achieves significant time savings

By using the new CHD 270 sharpening machine, "The Saw Centre" has halved the duration of the sharpening process for carbide-tipped circular saw blades from 40 to 20 minutes. The decisive factor for these time savings is the fact that it is no longer necessary to manually switch between two machines. "Additionally, with the variety of plunge saws on the market, we now can use the ND 250 loading system to stack blades that are under 180 millimetres," says Scott McQuillan, Factory Manager at "The Saw Centre". "We spent two to three hours of each day manually loading the portable saw blades and now with the facility of stacking up to 70 at a time, we are gaining more time each day. The processing time has gone from nine minutes to six minutes."

The combination of the CHD 270 and the ND 250 not only allows operators to sharpen carbide-tipped circular saw blades without manual intervention, but also to machine in an automated system that runs around the clock and at weekends. "The Saw Centre" also benefits from the CHD 270's advanced software, kinematics and power. In addition, the robust machine has an automatic testing and measuring system that minimises process errors. Moreover, VOLLMER has replaced the previous hydraulic oil system with a pneumatic system, which makes using the machine cleaner and safer.

"Our Scottish customer 'The Saw Centre' demonstrates not only how our machinery can optimise the machining of carbide-tipped circular saws, but also that Great Britain remains an important market for VOLLMER after Brexit," says Jürgen Hauger, CEO of the VOLLMER Group. "We founded VOLLMER UK over 40 years ago and now have over ten employees at our branch in Nottingham."

(approx. 4400 characters)

Press images

Caption: Scottish company "The Saw Centre" has been using Swabian sharpening technology from VOLLMER for 20 years.

Caption: With the new VOLLMER CHD 270 machine, "The Saw Centre" has been able to reduce the duration of the sharpening process for circular saw blades from 40 to 20 minutes. This is because it is no longer necessary to manually switch between two machines.

Caption: Since April 2021, "The Saw Centre" has been using the new VOLLMER CHD 270 sharpening machine with an ND 250 robot system to machine carbide-tipped circular saws without manual intervention and around the clock.

About the VOLLMER Group
With its comprehensive range of machinery, the VOLLMER Group – which has sites in Germany, Austria, Great Britain, France, Italy, Poland, Spain, Sweden, the USA, Brazil, Japan, China, South Korea, India and Russia – enjoys global success as a tool machining specialist in terms of both production and service. The technological leader's range of products includes the most advanced grinding, eroding, laser and machining tools for rotary tools and circular saws in the woodworking and metalworking industries, as well as for metal-cutting band saws. In offering this, VOLLMER draws heavily on the company's long-standing expertise and its strengths: Local contacts, quick decisions and rapid action by a family-run company. The VOLLMER Group currently employs approximately 800 workers worldwide, with around 580 of these at the main headquarters in Biberach alone, including more than 75 trainees. The company invests around eight to ten per cent of its turnover in the research and development of new technologies and products. As a provider of technology and services, the VOLLMER Group is a reliable partner to its customers.

Further information and relevant images are available at:
https://www.vollmer-group.com/en/company/press/press-releases)

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www.linkedin.com/company/vollmer-werke
www.facebook.com/vollmergroup

Contacts for journalists
VOLLMER WERKE Maschinenfabrik GmbH
Ingo Wolf
Head of Marketing Services
Tel.: +49 (0) 7351 571 277
E-mail: i.wolf@vollmer-group.com

Carmen Fink
Marketing Services
Tel.: +49 (0) 7351 571 754
E-mail: c.fink@vollmer-group.com