

PRESS RELEASE

A NEW ERA OF SANDING

TYROLIT POWER revolutionises the sanding process in many industries – saving time and resources.

Schwaz (Tyrol/Austria) November 2020:

TYROLIT POWER is an innovative sanding system that revolutionises current sanding techniques. It uses state-of-the-art diamond coated abrasives strips stabilised by natural brushes to prepare different surfaces for further treatment such as coating or bonding. Particularly for industries in which large surfaces have to be processed, examples include the wind industry, the aerospace industry or the nautical industry, the TYROLIT POWER system is a major benefit.

In most industries, orbital sanders are used to prepare large surfaces. This is not only very inefficient, but also brings with it some serious health risks like, excessive vibrations or high dust formation. Another problem, mainly in the nautical industry, is that the treatment of complex shapes (concave, convex or round) is often hardly possible and has to be done by hand.

With TYROLIT POWER, these problems are a thing of the past. Due to its innovative design, vibrations are reduced to a minimum. The combination of natural fibre brushes, which keep static electricity to a minimum, and the integrated dust extraction system also means that there is practically no dust accumulation. Due to the flexible design of the strips, the preparation of different shapes is no problem and can be done without the risk of "sanding through". Surfaces can be activated without stock removal and without changing the geometry of the workpiece. This reduces the need for reworks drastically and therefore also saves a lot of time and money in the production process.

Last year the TYROLIT POWER assortment was further extended with the D105 REMOVAL strips. The D105 REMOVAL strips consist of electroplated diamonds on a polyethylene backing stabilised by natural brushes. With these new rougher strips it is possible to remove more material faster and still follow the surface.

TYROLIT POWER in the nautical industry

In the nautical industry the preparation of very hard surfaces, mainly composites like GFRP, CFRP and gelcoat, is a major issue for boat builders. Using the TYROLIT POWER system delivers great advantages for manufacturers. TYROLIT POWER is, used to prepare the inner and outer shells, the

PRESS RELEASE

decks as well as the masts and to make them ready for coating or bonding. Usually a dual action sander or a hand sander is used for these steps, which is very time consuming as it does not allow much room for error. With TYROLIT POWER, the sanding of various boat parts cannot only be done up to five times faster, but also without the risk of “sanding through” which is a huge problem in the sanding process of boats.

Application example:

For a twelve metre long boat mast, one of our customers needed two persons sanding for eight hours to get the required surface finish. With the TYROLIT POWER system, only one person accomplished the same in just four hours, achieving the required surface finish with no rework necessary.

To get more information on how your business can benefit from TYROLIT POWER contact us at tyrolit.power@tyrolit.com or visit <https://www.tyrolit.at/en/divisions/industrial-trade/products/tyrolit-power.html>.

The TYROLIT Group

TYROLIT is one of the world's leading manufacturers of grinding and dressing tools as well as a system provider for the construction industry. Headquartered in Schwaz (Austria), the family-owned business combines the strengths of being a part of the dynamic Swarovski Group with over a century's worth of individual corporate and technological experience.

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Contact

TYROLIT Group

Christoph Waltl, Head of Corporate Communication

Christoph.Waltl@Tyrolit.com

+43 5242 606 2303