

Lasermarking for the viticulture

Marking of wooden barrels

Case Studies



■ Pauscha GmbH

The Austrian cooperage Pauscha GmbH has been active in the production of wooden casks for the viticulture for more than hundred years.

The company is a partner to the wine-growers and supports them with unique developments in the area of barrique barrels, tuns and fermentation stands.

Pauscha GmbH offers optimal solutions for the harmonic combination of wood and wine.

Pauscha delivers customers in Austria, Italy, Germany, South Africa and France as well as overseas markets.

■ The application

Company Pauscha marks all wooden barrels with the corporate logo. Furthermore, Pauscha offers the service to engrave the ordered casks with the customers' logo and individual motives. These design requests vary with each customer. Originally, Pauscha applied the motives by branding iron. This method, however, is not only extremely time intensive, but also rather expensive, as each stamp has to be created individually. Therefore, Pauscha decided to invest into a new marking technology—a laser marking system.



■ The challenge

The process of marking the casks must be fast and easy to handle and must not disturb the production flow. A large working area of the laser is required in order to be able to apply motives of differing sizes on the wooden barrels. As the application is rather dust intensive, it is important that delicate parts of the laser are perfectly protected, so that the reliability of the laser system is guaranteed.



■ The Trotec solution

Pauscha elected the Trotec laser system **SpeedMarker CL** for several reasons. The galvo laser disposes of a working area of up to 700mm x 700mm. It realises high quality markings and works fast and very cost efficiently. Graphics of different formats can be easily imported and laser optimised. The **SpeedMarker CL** from Trotec is specified for IP54—it is perfectly protected against dust as well as water. By using the new laser system, the production of expensive tools (iron stamps) is not necessary any more. Thanks to laser technology by Trotec, Pauscha was able to considerably optimise their marking process. At Pauscha, the **SpeedMarker CL** from Trotec has paid for itself within the first two years.

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laser engraving technology

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