

Press Release

New Record Mark for sealed-off CO₂ -Lasers

STARNBERG – The new ROFIN StarShape 600 C CO₂ laser is the only 600 W laser with the maintenance-friendly sealed-off concept. It needs no external gas supply and by that minimizes operating and service costs.

Equipped with a powerful CO₂ laser and up to two scanner heads, the new StarShape 600 C can attain cutting speeds of up to 20 m/s. Non-metal materials like polymers, wood, glass, paper or paper board with material thicknesses of up to 1 - 3 mm can be processed rapidly and without any problems. Whether cutting, degating, structuring or drilling - high laser power, excellent beam quality and fast scanner heads lay the foundations for unrivalled processing speeds.

No external gas supply, a small footprint and ease of handling are further advantages of this sealed-off technology: the StarShape 600 C is the only sealed-off CO₂ laser on the market with 600 W laser power.

The galvanometer deflection system can be equipped with lenses with focal lengths of 100 to 300 mm with processing fields of max. 210 mm x 210 mm. Programming is done by the user-friendly graphic interface of the high-performance LaserCAD software. Contours and beam parameters can be defined easily and even most complex on-the-fly applications can be realized in short processing times with excellent quality (optional software upgrade).

The StarShape 600 C can be customized to fit your individual needs: as a standard module for machine integration, optimized for specific requirements or as stand-alone work station.



Fig. 1:

The new StarShape 600 C sealed-off Laser

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