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HIGH PRECISION LASER ENGRAVING MACHINE LGT-S LASER



PRECISION IS OUR WORLD ...





The LGT-S Laser is a special high-precision laser engraving machine for tire sidewall molds. All the know-how LANG has gained from the conventional production of tire sidewall molds and the experience with laser engraving technology in other industries is combined in the LGT-S Laser. A powerful laser beam replaces the usual high frequency spindle. The machine body is a heavy duty, torsions free, tubular steel construction filled with a vibration reducing compound to ensure an extremely high stability. The maintenance-free fiber laser guarantees a fast processing time and highest accuracy. Thus, high-resolution surfaces for an eye-catching design and safety features can be realized. Maintenance

costs and times are reduced by a self-cleaning exhaust system.

The compatibility with the LANG LGT-S machines and software ensures short training and set-up times. Workpieces can be easily changed between milling and laser machines without time-consuming measuring because of using the same software. As a result, the user can optimally exploit the high-speed of the milling machine and the high precision of the laser machine. A bundle with digitizing- and output software together with a high end control software specially designed for this specific production branch is included as standard..



Technical Data

Working area	
Working range X-axis	0 - 1530 mm
Working range Z-axis	0 - 400 mm
Working range C-axis	360°
Working range B-axis	+60°/-45°
Table dimensions	
Max table load	3000 kg
Table diameter	1200 mm
Standard Laserunit	
Lasertype	fiber laser
Leistung	100 W
Rapid feed	
X-axis	15 m/min
Z-axis	15 m/min
C-axis	15,7 m/min
B-axis	18,8 m/min

