

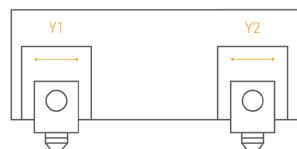
The compactly constructed machine offers besides the possibility of combined machining of laser drilling, turning, and cutting, an increase in output for the customer by parallel machining on two stations. All heat sources in the laser drilling machine, including the direct drives of all axis will be actively cooled with water. The machine concept of GL. smart is aimed at machining rotationally symmetrical components and also offers the option of 3+2 axis machining with the optional counter spindle.

The deep integration of our components into the control system enables online monitoring of production processes as well as efficient service and therefore fulfils all requirements of a production machine.

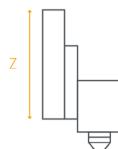
HIGHLIGHTS

- precision, flexibility and productivity combined in one machine
- combination machining: drilling, cutting and turning
- parallel processing on two stations
- double output
- direct drive in all axes
- water-cooled drives
- position-controlled rotary spindle with 3500 rpm
- working area variable depending on the equipment
- small installation area 2,3 sqm
- integrated automation
- optional six-axis robot for autonomous discharge function

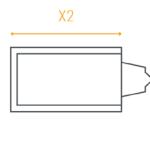
front view



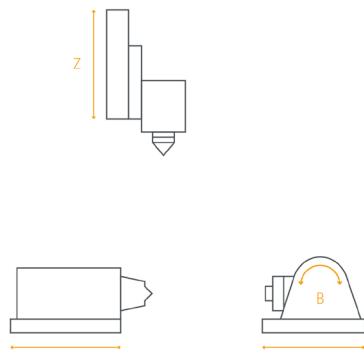
side view



top view



A1



The diagram shows a rectangular component with two circular features, C1 and C2, located in the center. A horizontal dimension line with arrows at both ends spans the width of the component, labeled X4. Feature C1 is positioned to the left of the center, and feature C2 is positioned to the right of the center.

TECNICAL DATA