

SIMASS SLIDE

AUTOMATED LASER WELDING SYSTEM FOR BIG WORKPIECES

The Simass Slide is designed to weld big workpieces, such as large pipes. With its six numeric axes the system ensures maximum production capacity. The Simass Slide is equipped with three slides which can be moved into the working area separately. Hence, big workpieces can be loaded and unloaded during the welding process.

This means that downtimes are reduced and productivity is maximised.



HORIZONTAL AND VERTICAL PROCESSING

The three slides of the Simass Slide are equipped with three motorised rotation axes. The workpiece is clamped into the chuck which has a diameter of 315 mm. Since the rotational axes can be pivoted both horizontal and vertical processing are possible. Parts of up to 500 mm diameter and 1500 mm length can be operated in the standard version.

For welding of materials as steel or aluminium a highly efficient fibre laser can be adapted in cw or pulse modus, depending on the application.

SIMASS SLIDE: TECHNICAL DATA

Traverse path (X, Y, Z)	X up to 1010 mm, Y up to 1110 mm, Z up to 510 mm
Workspace size	1000 × 1500 × 900 mm
W × l × h	1567 × 4289 × 2864 mm
Weight	1800 kg

