

AL-IN

Equally suitable for price-conscious experts and beginners



Detailed technical data in the data sheet



Nd:YAG-LASER POWER (WATT)

120 150 200 300



The system meets the high safety requirements of performance level d.

FIBER LASER POWER (WATT)

300 450 600 900 1200



LASER (technical values see p. 58/59)

Display and operation Removable touch screen (for laser- and movement system)

OBSERVATION OPTIC

Leica microscope attachment with eyepieces for glasses wearers, 10 x, optional 16 x

EXTERNAL CONNECTIONS

Electrical connection Nd:YAG 3 x 400 V / 50 - 60 Hz / 3 x 16 A
AL-IN 120: 200 - 240 V / 50 - 60 Hz / 16 A

External cooling and sealing air fiber lasers: **AL-IN 300 F, 450 F:** Optional
AL-IN 600 F - 1200 F: Optical water-cooling and sealing air integrated

OPTIONS

Turn-tilt-objective // multifunctional footswitch // rotating axis with chuck // camera system // ergo-wedge // AL-DV programmable laser wire feeder // AL-DRIVE // AL-Hub work bench

MOVEMENT SYSTEM FOR AL-IN

EXTERNAL DIMENSIONS

W x D x H 950 x 1250 x 850 mm
Weight 230 kg

WORK AREA

Machines axes X, Y, Z, rotary axis optional
Movement speed (X, Y, Z) Max. 25 mm/s
Movement range (X, Y, Z) 400 x 210 x 300 mm
Operation Joystick

OPTIONS

Table top with inclined stand // separate, vertically adjustable table // rotary axis with chuck, tilt joint

We recommend the **AL-IN** for everyone who wants a lot of freedom when placing the workpiece. The components can be positioned freely under or next to the laser system, because a wide variety of worktables can be placed in front of the lifting column or you can work directly on the pallet. A fixed tabletop is optionally available. The resonator of the laser can be pivoted 360° and fixed in any

pivoting position. The resonator, which sits in a sliding rail, can also be placed far forward or moved up or down using a tilting joint.