



ALLHAND

The ALLHAND gives you the opportunity to step into the future according to your application requests. It can be used as an ergonomic Stand-Alone laser work station as well as an integrated solution in system series.

Flexible processing with different materials

Whether metal, glass, wood, leather, textiles CFRP or GFRP – various materials can be precisely processed on the laser workstation. The whole range of CO₂ laser sources offered by FEHA LaserTec can be combined with this system – including the new CO₂ short pulse laser MICROSTORM™ with its extraordinary characteristics (see MICROSTORM™ brochure).

Pushing the limits of processing

The basic design of the ALLHAND includes a laser Scanhead from a leading supplier of this technology.

Even by this the user has access to a wide range of process parameters for his process optimization. To push the opportunities the ALLHAND can be extended or switched by additional hardware (additional axis, cutting heads, lifting table etc.).

The simple design and handling as well as its low space requirements (3 m²) and its universal use makes the ALLHAND an ideal system for process development and short run jobs.

Highlights

- Laser work station for texturing, cutting, drilling, welding, hardening and heating
- flexible processing of a wide range of materials
- different processing heads possible
- ergonomic seated work place or for integration in complex production lines
- ideal system for a start up into laser processing

Tailored for application



Can you imagine the possibilities?

System Characteristics

- compact work station – all necessary components are included
- flexible and easy use – Scanhead as basic processing tool
- optional solutions to extend the process opportunities
- Class 1 laser machine
- Large inspection windows – easy process monitoring

Technical Data:	
Dimension	ca. 3000 mm x 800 mm x 1700 mm
Weight	ca: 600 kg incl. Laser
Scanner	Scanlab, RAYLASE or customer request
Processing Range	600 mm x 600 mm (depends on scanning device)
Laser safety	Class 1
Laser source	HYPERICO ₂ beam power up to 1650 Watt MICROSTORM™ – CO ₂ short puls laser – see data sheet
Options	Motoric lifting table, rotary axis and others on request

Application samples

- welding and marking of stainless steel
- cutting of leather
- devanishing of substrates like metals or ceramics
- engraving of fused silica

FEHA LaserTec GmbH

FEHA is a worldwide niche supplier in CO₂ laser and optics within high volume markets and high-tech solutions. FEHA offers the HYPERICO₂ high power CO₂ laser series and the MICROSTORM™ Q-switched high power CO₂ laser series.

