### LET'S START!

phone

e-mail

fax

Our team is looking forward to your nonbinding request



# WALO - TL GMBH



MECHATRONICS // **OPTICAL FIBER TECHNOLOGY** 

Your Partner in Machine and Equipment Engineering

# LIGHTING TECHNOLOGY //





## MECHANICS // MECHATRONICS // **OPTOELECTRONICS**

Individual Solutions for your Mechatronics Project

We develop individualized mechatronics solutions for mechanical, electromechanical and optoelectronic parts, products and equipment according to the requirements of our customers. We cover the entire range of the value-added chain, from development, production, assembly, quality management, logistics as well as after-sales services.

#### MECHATRONICS SOLUTIONS FROM A SINGLE SOURCE

- Development: R&D project management / product design / product development
- Design of products
- Production from prototype to the series
- Optimization of product and sourcing costs
- Quality inspection
- Assembly, electronics assembly, wiring, functional checks
- Logistics / delivery, service and repair
- Technical documentation

For details, see walo-tl.de/en/mechatronics





### FOR REALIZING MECHATRONICS PRODUCTS, WE USE THE FOLLOWING TECHNOLOGIES:

04

CHIPPING / MACHINING:	Milling Turning Drilling Sawing and pre-cut Shaping, flat shaping	Laser cutting of steel up to 20 mm Plasma cutting of steel up to 40 mm Gas cutting / flame cutting of steel up to 150 mm	Flat grin Circular
MOLDING TECHNOLOGY:	For aluminum / steel	Sand casting	Injection
SHEET METAL FORMING:	Punching Circular form bending Flattening and rolling	Bending, up to 8000mm with forces between 50 and 800 t Pressure forming Pleats Extrusion	Deep-dra Corner sl thicknes
ASSEMBLING:	Spot welding	Welding	Soldering
SURFACE ENGINEERING:	Varnishing Electroplating	Polishing Brushing Matting Anodization	Sandblas Glass bea
MODIFICATION OF MATERIALS CHARACTERISTICS:	Hardening	Tempering	Thermal- temperir
ELECTRONICS:	Soldering	Assembly of modules	Assembly Wiring
OPTICS:	Optical assembly		
QUALITY CONTROL:	2D measuring microscope	Mechanical quality control	Electroni and qual

And Inc. of Concession, Name

rinding ar grinding

Wire eroding Die sinking

on molding (plastics) Mold construction

drawing r shaping (material Jess: 3 to 5 mm) Forging

ring and brazing

Mechanical assembly

lasting bead blasting Powder coating Plastic coating

nal-stress-relief ering

nbly of cables 9

onic functional uality testing In Cooperation with



## OLED LIGHTS // LED LIGHTS // LIGHTING TECHNOLOGY

**OLED and LED applications** 

We design and develop OLED and LED applications for use in lighting technology. Our production ranges from prototypes to mass production. Examples are the OLED pendant lamp IRIS, the OLED lamps WALOSPRING and WALOSUMMER with curved, flexible and exchangeable OLED panels and the LED surfacemounted lamp MOVING LIGHT.

#### **EXEMPLARY REQUIREMENTS WERE**

- Development of a complete mechatronics concept
- "Hiding" the technical insides of a lamp in a small body
- Elegant ceiling suspension brackets, also for heavy lamps
- Handling of all logistics, especially development of suitable transport devices for fragile products

#### VISIT OUR OLED EXPERIENCE ROOM

Discover the future of OLED lamps! Undreamt-of possibilities open up thanks to OLED technology. Immerse yourself in the world of OLED lamps with panels by OLEDWorks. We are looking forward to your visit in Kaufering not far away from Munich.

**For details, see** walo-tl.de/en/lighting-technology







Member of





### **OPTICAL FIBER TECHNOLOGY FOR THE TELECOMMUNICATIONS INDUSTRY**

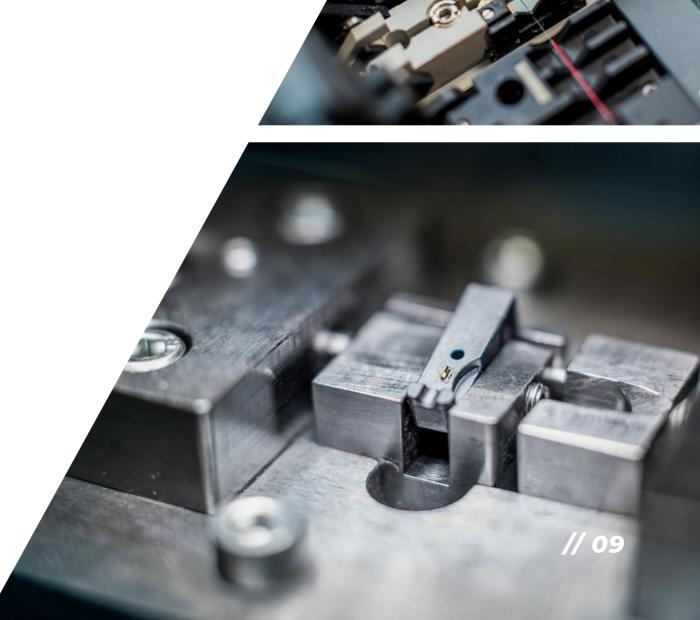
#### Service, Calibration and Replacement Parts

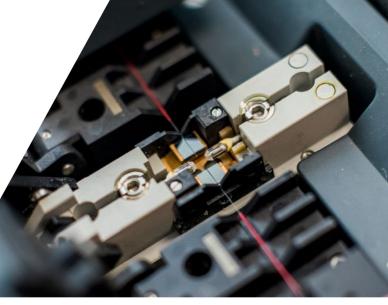
We are your capable partner for optical-fiber products, accessories, replacement parts and services. We offer routine maintenance, calibration and repair of cleavers and splicers. As an OEM partner for Corning Cable Systems, we manufacture and sell the original Corning Cleavers FBC-005, amongst others for PK-Clip applications, FBC-006 and FBC-012 as well as spare parts for Corning splice and cleaver equipment. Furthermore, we manufacture modified cleavers tailored to specific customers' needs.



CORNING

**For details, see** walo-tl.de/en/optical-fiber-technology







## OUR STRENGTH: SINGLE SOURCE SOLUTIONS FOR YOUR PRODUCT-LIFE-CYCLE

Development, Manufacturing, Assembly, Logistics, Quality Management and Service

Are you looking for an experienced supplier and partner who is able to convert your product ideas in the machine and equipment engineering fields into readily marketable products? We support you with product development, manufacturing, assembly, logistics and after-sales services.

#### **QUALITY AND CERTIFICATION**

We certainly have the DIN EN ISO 9001:2015 certificate. We impress with our commitment to quality, to delivery reliability and to cost optimization. Whether you are an established enterprise, an engineering office, a start-up or a project office, we will be there by your side as a well-established manufacturing partner.

**For details, see** walo-tl.de/en/about

