

**GIFAS**  
E L E C T R I C

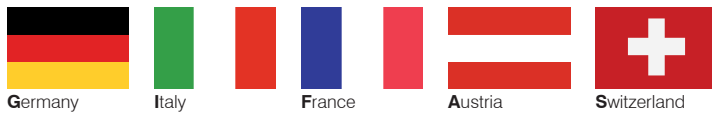
**MOBILITY**





GIFAS was founded in 1957 in Germany by Werner J. Gröninger.

The name GIFAS originated from his vision of the markets to reach:



In the course of economic success, legally independent - but networked with each other, companies were established in the core markets.

This created our international knowledge sharing expertise, where the whole GIFAS company and especially you, our customers, benefit.

### Division Mobility

International movement - the logical progression.

Even after more than 50 years of moving and shaking, standstill is not an option. The since 2016 intensively active **Mobility Division** is composed of dynamic professionals of all GIFAS offices which literally moved the whole world. Core competence as the name implies: mobility - on roads, railways, in the air and on water. So that traffic is realized mobility for our customers.

Progress and dynamism also applies for the products and system solutions, which have been precisely developed and perfected for the needs of this market segment.

Experience, energy and dynamism - Mobility Division for road, rail, shipping and aviation, simply wherever there is movement.



Germany



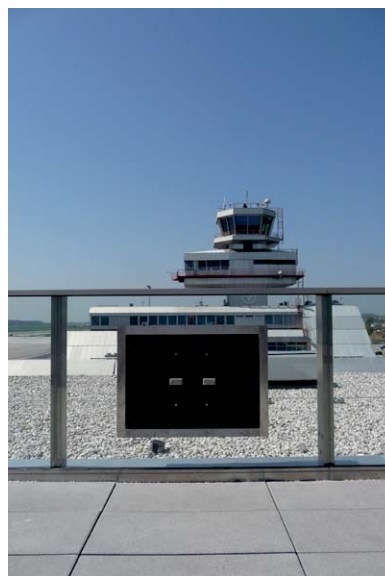
Italy



Austria



Switzerland





### Harald Werner Petschacher - Head of Division Mobility

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As a division manager within the GIFAS group I see it as a great commitment, to bring in our long experience in editing and unwinding customer projects (railway-, highway-, airport-areas), as well as focus on highest precision. The very high internal quality, delivery reliability and the partnership idea is further supported thereby. The mixture of technically-competent teams and high product quality distinguishes the flexible team of GIFAS Mobility. We place the highest demand on ourselves, to the full satisfaction of our customers.



### Ing. Herwig Jäger-Timischl - Sales Engineer Service

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Mobility shapes life. Each of us is involved in mobility. We are daily traveling. The better the system is adapted to the needs of the user, the higher the safety of this system. This is particularly true in the area of mobility. GIFAS Mobility provides human-centered solutions, designed from the needs of our customers, to meet the respective requirements.



### Christian Glanzer - Head of Technical Department

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The combination of electrical engineering, electronics, mechanics and light is one of the strengths of GIFAS ELECTRIC and it is always a new challenge in the design and planning of customized products. The collaboration with the customer and the department of Technology, produces highly innovative and practical solutions. Who wants to keep up with time, should always be one step ahead.



### Günther Wihsböck - Central Purchasing ÖBB

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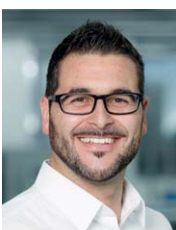
The cooperation with GIFAS in Austria has more than proven the last 25 years. This cooperation can work only if quality, delivery and pricing policies are consistent. The reliability of the company and the products can be confirmed. Joint product developments as been bearingfruit for 25 years.



### Thomas Schmitter - Head of Project and Product Management

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As Head of Project and Product Management I work in the company for 26 years at GIFAS Switzerland. The increasing internationalization and the closer cooperation of many public authorities in Europe requires a rethinking. Based on years of activities in project management, you get the full support for large projects regarding rail and road tunnel projects throughout Europe! This started from the personal contact and servicing of customers and planners, to the formulation of complex deals and their realization. Flexibility in the execution of the design, coupled with proven quality products, will give you the necessary security. GIFAS Mobility - your contact for all matters!



### Sandro Fernández - Head of Sales Export GIFAS Switzerland

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In 10 years at GIFAS ELECTRIC GmbH I gained very important know-how and product experience about the products and problems of our customers. As Export Sales Manager, I use my versatility and knowledge of foreign languages, to find perfect solutions, in cooperation with customers and partners. This ability to find market-driven and innovative solutions, draws the GIFAS ELECTRIC GmbH for years. With GIFAS Mobility, we have set the course for expanding this capability internationally into the mobility sector.

# Product Overview MOBILITY



## Solid rubber boxes

Solid rubber housing for resilient power distribution! High mechanical strength: shatter-proof, impact-resistant, dimensionally stable and resistant to aging. Protective insulation by interior wall mounting - separated from the wiring compartment.

(Catalog chapter M01)



## Solid rubber junction boxes

Clean and simple solutions for industry and trade at municipal and public areas. Our junction boxes (made of vulcanized butyl rubber) are in-house products and are made upon customer's needs and requests.

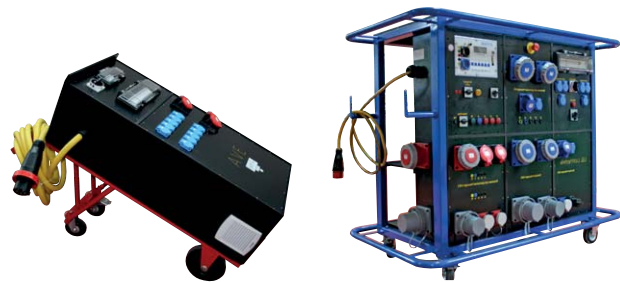
(Catalog chapter M02)



## Boxes with safety switches

Resistant to mechanical loads, vibrations and environmental influences, moisture and condensation, aggressive gases and vapors, acids and alkalis, dust and sparks.

(Catalog chapter M03)



## Safety transformers

Safety in the workplace comes first! We are the specialists for transformers in enclosures, protection class II from 100VA to 100kVA. From low voltage transformers 12V up to mobile distribution trolleys with 100kVA isolating transformers, we produce and deliver any desired quantity.

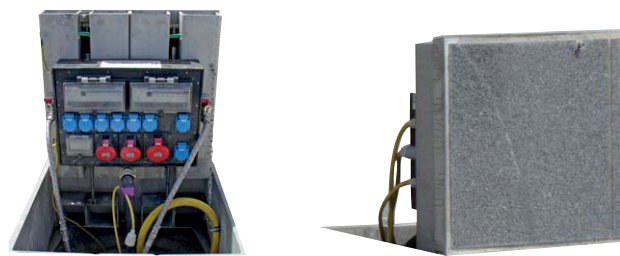
(Catalog chapter M04)



## Plug-in connectors

In addition to the Schuko CEE and standard connectors made of solid rubber (resistant to oils, alkalis, acids and salt), we also carry special connectors in our range. Nothing stays unconnected.

(Catalog chapter M09)



## Underground distributors

Energy from the ground - space-saving, retractable and - most importantly - lockable during operation. Secure application for motorways, railway areas etc.

(Catalog chapter. M10)

# Product Overview MOBILITY



## Handlamps

No matter where and no matter what you are working on, without proper lighting, it may even be dangerous and quickly become confusing. We therefore offer at GIFAS different workshop and hand lamps, with cable or battery always of the highest quality LED, which are robust and appealing in design.

(Catalog chapter M06)



## Lighting

GIFAS offers different models such as battery lights, flashlights, head lights, protective tube lights, workplace lights or the latest and greatest LED spotlights. We meet your individual needs: spotlights, lighting for tunnels, underpasses, machines, etc.

(Catalog chapter M06)



## Large surface lighting system

The GIFAS large-area luminaires in a powerful double pack. ApolloLED and the slightly smaller and lighter ApolloLED ECO. Both are unbeatable when illuminating large areas with minimal temperature development.

(Catalog chapter M6)



## Lighting System

This new GIFAS product is based on our 20 years of know-how with LED guidance systems for road tunnels as well as our guidance systems GFK and INOX for railway tunnels.

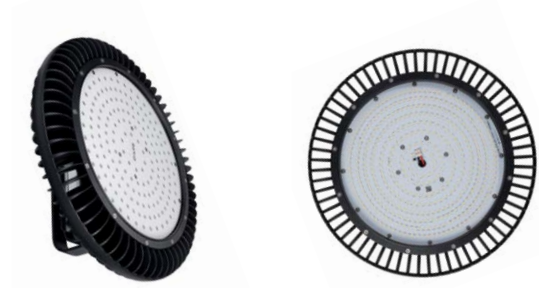
(Catalog chapter M06a + Railway)



## Construction site lighting

The foundation for this development is based on the need to produce a surface emitter. With the AlphaLUXX it has succeeded in developing a competitive GIFAS LED area light, that meets the highest demands and is also applicable in demanding situations (eg. motorway, parking lot, building, railway, signs etc).

(Catalog chapter M06e)



## Intelligent hall lighting

Durable, robust and with low energy consumption: this is what distinguishes modern hall lighting; this is exactly where GIFAS comes in with its lighting range. Special environmental conditions such as temperature, dirt and dust often demand a lot. We are prepared for this and our hall spotlights are designed and engineered for it.

(Catalog chapter. M06f)



# Distribution, Energy Bollard, Handrail Solution, ...



## Solid rubber-/Butyl rubber distributor

Track switch heating distributor, rail side housing and signal distributor - durable and reliable electricity and energy supply is guaranteed, with the solid rubber distributors from GIFAS. Whether robust track switch heating pots or different types of signal distribution terminals - all of them are successfully in use for years. Of course, given the bright yellow covers.

(Catalog chapter Railway)



## Energy supply

Weatherproof, impact-resistant and corrosion-proof functionality and appealing design. The high resistance to all external influences, the low weight and the high flexibility of use are other advantages.

(Catalog chapter Railway)



## HandRailSystem

Various accident events and fires in railway tunnels have shown, that it is necessary to improve the self-rescue operations for passengers and staff.

(Catalog chapter Railway)

## AmbitLED - system lights

This LED lighting system is a compact, shock and vibration-resistant LED light strip which is also used for machine lighting.

(Catalog chapter M06)



## Work lights

GIFAS offers different models such as battery lights, flashlights, head lights, protective tube lights, workplace lights or the latest and greatest LED spotlights. We meet your individual needs: spotlights, lighting for tunnels, underpasses, machines, etc.

(Catalog chapter M06)



## Protection tube lights

The powerful and energy-efficient LED tubes in modern design are particularly well suited for working channels. They are impact resistant and feature protection class II.

(Catalog chapter M06)





# Guiding System, StreetLED, Energy Column, ...



## Guiding system

Unexpected occurrences in tunnels, such as accidents and/or fire, can have catastrophic consequences. This applies particularly to the people involved (self-rescue), to the support of rescue efforts, as well as to precautionary and preventive measures aimed at avoiding such incidents.

(Catalog chapter Highway)



## Video- and emergency boxes

Whether Camera Junction boxes for tunnels or acute housing. The rubber housings in proven GIFAS quality are individually place- and attachable. Especially in sensitive tunnel areas is the need of reliable material to ensure general safety.

(Catalog chapter Highway)



## Energy columns

The energy columns are available in various materials, weatherproof, impact-resistant and corrosion-proof. High resistance to external influences, light weight and individually equipped, make the shapely columns the ideal energy supplier.

(Catalog chapter M10a)



## Retractable bollard

The automatically retractable stainless steel bollard, reliably protects against unauthorized driving or parking e.g. parking lots, pedestrian areas, private land, operating entrances and the like. The built-in anti-collision protection, for the short and long range, eliminates surprises.

(Catalog chapter Highway)



## Floor outlets

These smart allrounders are used in congress halls and event spaces, hotel and gastronomy, company buildings, industrial areas, outdoor facilities etc. - basically anywhere there are high levels of demand for functionality and safety.

(Catalog chapter M10b)



## High Bay LED Street

In addition to ease of maintenance, high energy efficiency and high reliability, the HBL Street is characterized by its simple design. The availability of different services and different optics, the LED lights meets all requirements for road area.

(Catalog chapter M06)



Handrail Lighting System - LaneLED GFK



Power supply - Underground distributor



Power supply - Energy supply

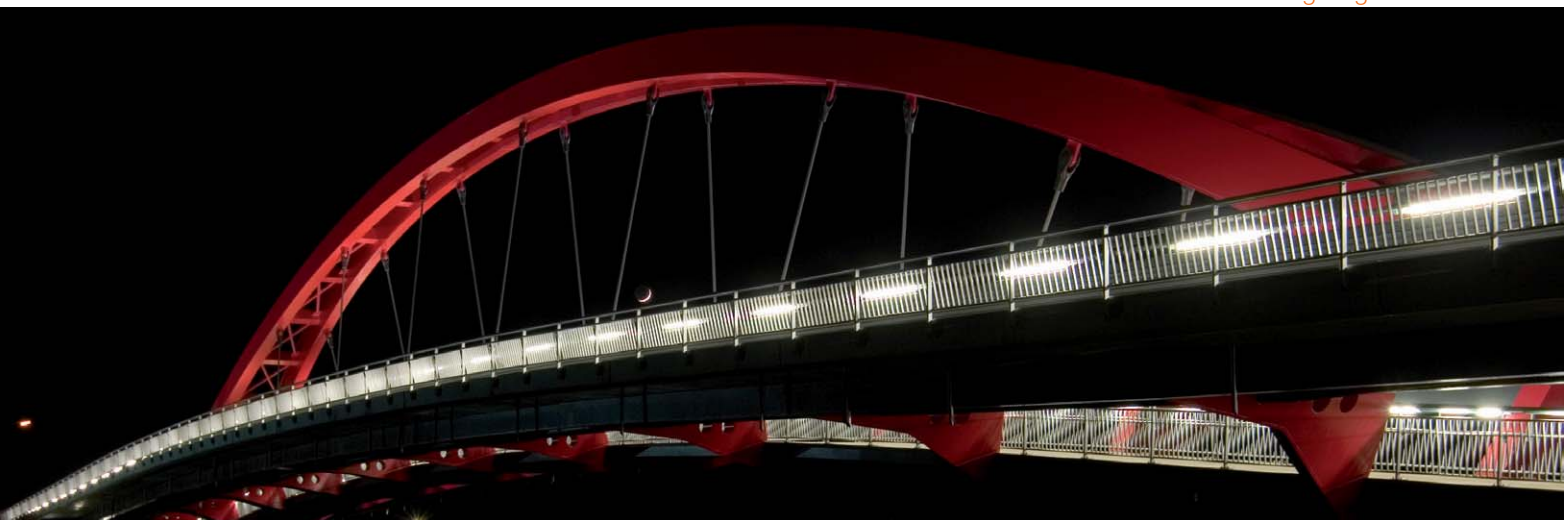


Railway LED - Light signal



Trackside housing

Construction site lighting - StreamLIGHT 70





Guiding System - MarkLED



Lighting System LaneLEDWALL



Lighting System LaneLEDWALL



Machine Lighting - AmbitLED



Video junction boxes

Guiding System - CircLED





# GIFAS

E L E C T R I C

GIFAS ELECTRIC GmbH  
Pebering Straß 2  
5301 Eugendorf  
AUSTRIA

🌐 [www.gifas.at](http://www.gifas.at)  
✉ [office@gifas.at](mailto:office@gifas.at)  
☎ +43 6225 / 7191 - 0  
📠 +43 6225 / 7191 - 561