ESCAD
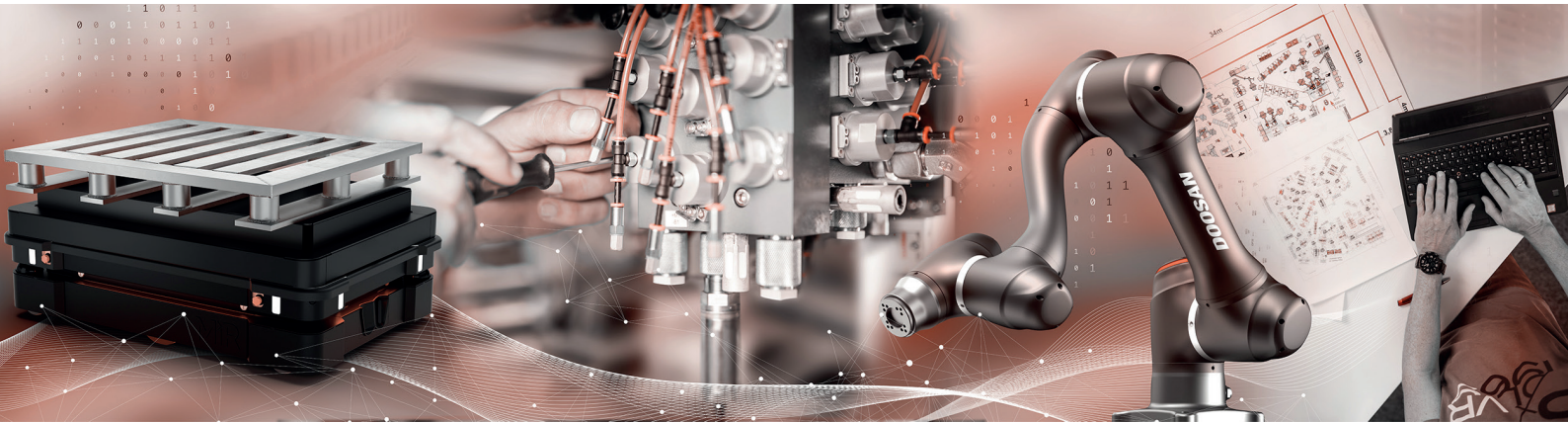### IHR AUTOMATISIERUNGS- & ROBOTIKSPEZIALIST

SPECIALIST FOR AUTOMATION, ROBOTIC AND INTRALOGISTICS

As part of ROBUR, ESCAD is today one of the 100 most innovative companies with around 200 employees at five locations in Germany and Austria. Our innovative minds and technical professionals have made us a comprehensive project partner from the initial concept to product development for more than 25 years now. We are a reliable holistic system partner for renowned customers in a wide range of industries covering automation, collaborative lightweight robotics, intralogistics, system integration and plant engineering.

Engineering
- Requirements and functional specifications development
- Planning and concept development
- Commissioning/service
- Product and production equipment development
- Mechanical design
- FEM calculation
- Electrical design
- SPS and robot programming
- Process control engineering
- LMS systems
- Process visualization
- High-level language programming
- Testing software development
- Trainings/seminars

Retrofit
- Industry 4.0 readiness of existing machines and systems
- Plant modernisation and retrofitting

CE/technical documentation
- Consulting/safety of machinery and systems
- Safety concept/layout
- Risk analysis/CE conformity

Industrial electronics
- Replacement parts trade (incl. online shop)
- Repair and maintenance service (incl. hotline 24/7)
- System analysis and seminars

Robotics & intralogistics
- Lightweight robots/collaborative robots
- Driverless transport systems for intralogistics
- Product consulting / System integration
- Standardised/customized solutions
- Commissioning/training
- After-sales support and service

Manufacturing and assembly
- Control cabinet construction (EN ISO, UL508A)
- Mechanical and electrical assembly of components
- Partial and complete systems

Digitalization industry
- customer specific SW development
- Product development (e.g. E.RAMP - own ESCAD product)
- Embedded Systems (incl. HW development, e.g. industrial radar technology)
- Design / build / operate cloud environments (Google Cloud, Azure)
- Automation of data processes (bulk data processing)
- Processing and analysis of industrial data
- SaaS (Software as a Service) & IaaS (Infrastructure as a Service)

As part of ROBUR, ESCAD offers even more: almost 3,000 employees globally work in the wind, water, energy, industrial and process industries. As expert partners for our customers we create holistic solutions from planning and implementation, to maintenance and operation, to the relocation and decommissioning driving the challenges of digital transformation and ecological change.