

About this organisation

Machine translation

This organisation has been machine-translated based on data provided in German.

The DEPRAG Group is a leading manufacturer of screwdriving technology, assembly systems, air motors and pneumatic tools.

ADAPTIVE DFS - Adaptive fastening technology in car body construction The material mix in lightweight automotive construction is leading to the development of new joining techniques, such as flow moulding. The ADAPTIVE DFS adaptive assembly unit is equipped with a controlled electric drive for both the feed and the screwdriving process. The control system of the "ADAPTIVE DFS DEPRAG Fastening System" continuously determines the relevant actual values and adjusts the process variables of pressure force and screw speed to the specified target values. Errors that lead to costly repairs are avoided. The screw and component are subjected to the lowest possible loads, regardless of the material and material pairing. The controlled feed movement means that precise feed sequences and changeover points can be defined for future materials. materials can be defined. Comprehensive integrated diagnostic functions form the basis for preventive maintenance and maximum system availability.

Carl-Schulz-Platz 1
92224 Amberg
Bavaria
Germany
www.deprag.com



DEPRAG

Organisation type

Small or medium-sized enterprise

Sector



Employees

250 up to 499

Turnover

n/a

Funding

n/a

DEPRAG SCHULZ GMBH u. CO.

The company

About this organisation

Main areas covered	Adaptive joining technology/screwing technology
Infrastructure	Body assembly
Certifications	ISO 9001, 17025 Accreditation
Keywords	Automotive industry, Adaptive joining technology, Screwdriving technology, ADAPTIVE DEPRAG FASTENING SYSTEM, Flow moulding screw connection
Memberships	

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Machines and plants			✓
Services & consulting Testing and trials, Others (Process validation)			✓
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
Plant construction & automation Plant construction, Automation technology			✓
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing			
Coating (surface engineering)			
Fibre composite technology			
Forming			
Joining Screwing, Others (ADAPTIVE joining technology)			✓
Material property alteration			
Primary forming			
Processing and separating			
Textile technology			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
<i>Fibres</i>			
<i>Functional materials</i>			
<i>Metals</i>			
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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