

Active 4 Design.

Development & Konstruktion

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Active4Design Fahrzeugentwicklung GmbH



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1. WELCOME

Active4Design Fahrzeugentwicklung GmbH



We, the founders of **Active4Design Fahrzeugentwicklung GmbH** are 4 Swedish engineers with one common target: Combine quality together with „Swedish Mentality“. Together we are offering you more than 70 years of automotive experience.

Quality and trust are our highest priority.

„Swedish Mentality“ is for us to exceed our clients expectations together with teamwork, trust and goal oriented work combined with excellent end results.



Göran Brkic



Johan Gustavsson



Tony Pettersson



Joel Hedlund

2. COMPANY

Active4Design Fahrzeugentwicklung GmbH



| | |
|---------------------|--|
| Address | Lohstrasse 26, 85445, Oberding-Schwaig, Germany |
| Website | www.active4design.com |
| Company | Services within the Automotive industry |
| Founded in | 2016 |
| Main work | Seating & Interior |
| Number of employees | 14 |
| Special services | Designing and developing parts for prototyping |
| Company description | Your reliable partner for engineering and developing with decades of experience within the automotive industry. Together with long-lasting solutions and high focus on your specific demands we will guaranteed find the perfect solution for you. It will be our pleasure to support your company with our know-how and a well selected team, offering you swift competence and advice at all time. |

3. PHILOSOPHY

Active4Design Fahrzeugentwicklung GmbH



Highest quality | Through decades of experience and competence



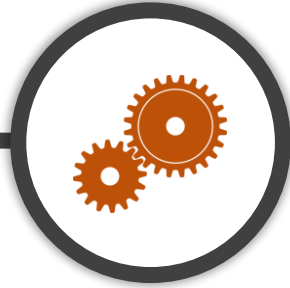
Client satisfaction | Through quality, flexibility and custom made solutions



Long lasting relations | Through honest and straight forward communication / mutual trust

4. SPECTRUM

Active4Design Fahrzeugentwicklung GmbH



- Project management
- Product management
- Product development
- Concept development
- Serial development
- Testing- and inspection equipment
- Production JIG
- Assembly- and integration solutions
- Fulfillment and checking of legal requirements
- Complex kinematic solutions
- DMU studies
- Expertise in steel and deep drawn construction
- Expertise in plastic and synthetic materials
- Expertise in tool development
- Expertise in foam development
- Prototyping and prototyping coordination
- Labor leasing (ANÜ)

CAD Programs

- Catia V5 (Dassault Systemes)
- Unigraphics NX (Siemens)

4.1 EXTERIOR

Active4Design Fahrzeugentwicklung GmbH



Gathered information throughout the last 20 years

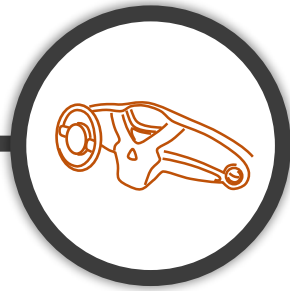
- Under body paneling
- Heat protection plates
- Sunroof
- Sound insulation
- Spoiler (Porsche / Jaguar)
- BIW
- Wheel housing liner (BMW / RR)
- Roof construction (Porsche)
- Wheel rims (Volvo)

2D Drawings

- Single and assembly drawings according to customer standard
- Explosion-Drawings
- Customer-Drawings
- Drawings for type-checking
- DMU-studies

4.2 INTERIOR

Active4Design Fahrzeugentwicklung GmbH



Gathered information throughout the last 20 years

- Armrest, Man./power
- Door trim
- Sound insulation
- Floor insulation
- Airbag, Head
- Airbag, Roof
- Central console
- I-Panel carrier
- Cockpit load bearing structure (Modular system)

Kinematics

- Definition of complex kinematics procedures
- Complex seat interior studies
- Complex seat exterior studies

2D Drawings

- Single and assembly drawings according to customer standard
- Explosion-Drawings
- Customer-Drawings
- Drawings for type-checking
- DMU-studies

4.3 COMPLETE SEAT (FRONT SEAT)

Active4Design Fahrzeugentwicklung GmbH



We have over 15 years experience In developing complete-seat for front-seat within the automotive industry

FOAM

- Concept development
- Knowledge in upholstery
- Integration of Massage-Systems
- Integration of Klima-Systems
- Integration of Airbag
- Serial development with drawings for BMW and Audi
- Fixation/Inlays for wires
- 3D Fleece

SCOPE

- Backrest cover, front and rear seat
- Side/Tunnel lining
- Release mechanism, grip/lever
- Storage tray
- Slide cover, tracks
- Fulfillment/Investigation of law requirements.

Development Seat structure

- Concept/Serial development
- 2-way / 4-way / 6-way / 8-Way
- Manual and Electric
- Integration of Airbag
- Integration of lumbar support
- Integration of Fire extinguisher
- Fixation belt
- Isofix
- Arm support
- Table fold (Fold-flat)
- Picnic table
- Requirements for Whiplash
- Driver and passenger seat
- Serial development with drawings for PSA u. Opel
- Anti-Submarining

Kinematics

- Definition of complex kinematics procedures
- Complex seat interior studies
- Complex seat exterior studies

2D Drawings

- Single and assembly drawings according to costumer standard
- Explosion-Drawings
- Customer-Drawings
- Drawings for type-checking
- DMU-studies

4.4 COMPLETE SEAT (REAR SEAT)

Active4Design Fahrzeugentwicklung GmbH



We have over 15 years experience In developing complete-seat for rear-seat within the automotive industry

FOAM

- Concept development
- Knowledge in upholstery
- Integration of Massage-Systems
- Integration of Klima-Systems
- Integration of Airbag
- Serial development with drawings for BMW and Audi
- Fixation/Inlays for wires
- 3D Fleece
- Development of side padding
- Development of middle armrest

SCOPE

- Seat structure, High - and Low lock
- Fixed back-frame
- Development and integration of wireframe in back-frame and seat.
- Complex and adjustable back-frame with covers.
- Fulfillment/Investigation of law requirements.

Development Seat structure

- Back-frame, High - and Low lock
- Fixed back-frame
- Wireframe
- Back-frame, 40/20/40 – 60/40 – 100%
- 3rd row, with and without fold flat
- Multifunction back-frame, Man./el.
- Center bearing, (3- and 4 bearing Principe)
- Cargo striker/Comfort adjuster, man./el.
- Modular system, (PL7, FBK)
- Integration Latches
- Integration safety net
- Integration Trunk release (LFE, with and without dampening)
- Integration CALF-REST
- Integration **MALIK**
- Fixation belt
- Isofix
- Serial development with drawings for BMW
- Concept development back-frame, lightweight Magnesium
- Evaluation of FEA-Data and implementation of necessary CAD-changes to achieve a green (OK) FEA-result

Kinematics

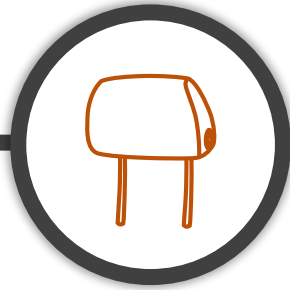
- Definition of complex kinematics procedures
- Complex seat interior studies
- Complex seat exterior studies

2D Drawings

- Single and assembly drawings according to costumer standard
- Explosion-Drawings
- Customer-Drawings
- Drawings for type-checking
- DMU-studies

4.5 HEADREST

Active4Design Fahrzeugentwicklung GmbH



We have over 15 years experience In developing complex headrest for front and backseats within the automotive industry

Headrest

- 2/4 Way, Man./Elec.
- Active headrest, concept developing
- Integration of speaker
- Fixed headrest in back-frame
- Concept developing
- Design according to FMVSS and Euro-NCAP

Kinematics

- Definition of complex kinematics procedures
- Complex seat interior studies
- Complex seat exterior studies

2D Drawings

- Single and assembly drawings according to costumer standard
- Explosion-Drawings
- Customer-Drawings
- Drawings for type-checking
- DMU-studies

4.6 MECHANISMS

Active4Design Fahrzeugentwicklung GmbH



We have over 15 years experience In developing complex mechanisms for front and backseats within the automotive industry

- Outer latches, man./elec./remote release
- 20% Latch
- Release mechanisms, man./elec./remote
- Cargo/Comfort-adjuster, man./elec.
linear/rotatable
- Recliner
- Tracks

Kinematics

- Definition of complex kinematics procedures
- Complex seat interior studies
- Complex seat exterior studies

2D Drawings

- Single and assembly drawings according to customer standard
- Explosion-Drawings
- Customer-Drawings
- Drawings for type-checking
- DMU-studies

5. CREDENTIALS

Active4Design Fahrzeugentwicklung GmbH



- AUDI, Complete seat, Front- and Rear seat
- AUDI, Back-frame rear seat China, electric
- AUDI, Foam developing
- BMW, Modular system Back-frame (Rear seat), 1/3/5/6-series /X3-X4
- BMW, Back-frame (Rear seat), Foldable w. damper, 3-series GT
- BMW, Seat mechanisms 1/3-series
- BMW, Fold flat, 3rd row X5
- BMW, Integration speaker in headrest
- BMW, Supporting structure for dashboard
- BMW, Slouch, Rear seat structure, electric
- BMW, Sunroof, 6-series
- BMW, Foam development
- BMW, Floor insulation
- BMW, Sound insulation
- BMW BIW, X5
- BUGATTI, Center console
- DAIMLER, Back-frame (Rear seat), A/B/C and E-series
- HYUNDAI, Back-frame concept development, 1st, 2nd and 3rd row
- NISSAN, Back-frame front seat
- PORSCHE, Foam development
- PORSCHE, Sunshade, 996
- PORSCHE, Roof convertible
- ROLLS ROYS, Foam development
- RANGE ROVER, Back-frame (rear seat), electric
- RENAULT, Back-frame (front seat)
- VW, Airbag development
- VOLVO, Convertible, rear hatch and Cockpit
- VOLVO, floor insulation
- VOLVO, Foldable steel net
- FERRARI, Integration speaker in headrest



6. CONTACT

Active4Design Fahrzeugentwicklung GmbH



Would you like to know more?

Please contact us under one of the following options listed below, and we will do our best to answer your questions!

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