

Industrial Acoustics Company is Europe's leading specialist in the design and construction of anechoic and other testing environments including a wide range of AUTOMOTIVE applications such as VSAC, 'shake and rattle' and sound quality test rooms.

■ IAC's Product Range:

- Anechoic Test Rooms
- Semi-Anechoic Test Rooms
- Mini-Anechoic Test Chambers
- Modular Acoustic Test Enclosures
- Reverberation Rooms



■ Automotive

IAC offers a complete service in acoustic test facilities, from initial feasibility studies right through to construction and commissioning. The practical, technical and commercial advantages of using IAC include:

- Acoustic performance of all test rooms guaranteed
- In-house expertise in acoustic design: civil, structural, mechanical, electrical
- Engineering Quality Control to BS EN ISO 9001 and other standards

■ HLFU



HLFU Wiesbaden - Fully-Anechoic Chamber
 $f_u \leq 100$ Hz

■ Telekom



Telekom - Component Fully-Anechoic Chamber Room-in-Room construction,
 $f_u = 40$ Hz

■ **DAF**



DAF - Noise Lock-Test-stand enclosure

■ **Kawasaki**

Kawasaki - Noise Lock enclosure for precision machinery



■ **VW**



VW Dresden - Acoustic-Line-Testing-Stand

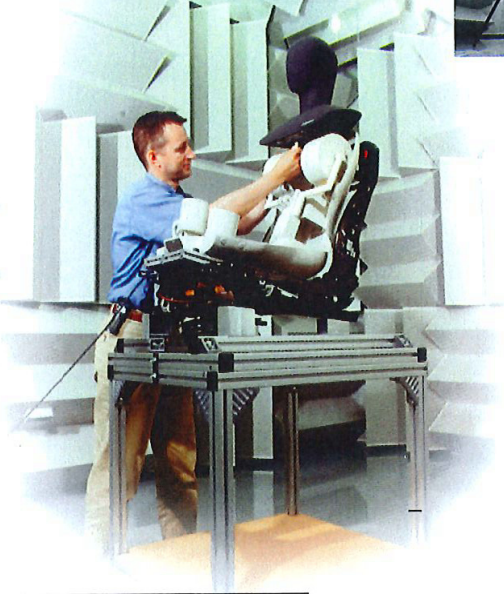
■ **Tennex**



Tennex - automotive test facilities, ambient noise level = 35 dB, turn key project



■ **IMS**



IMS Morat & Söhne, Donau-Eschingen - Semi-Anechoic Chamber
 $f_u \leq 160$ Hz

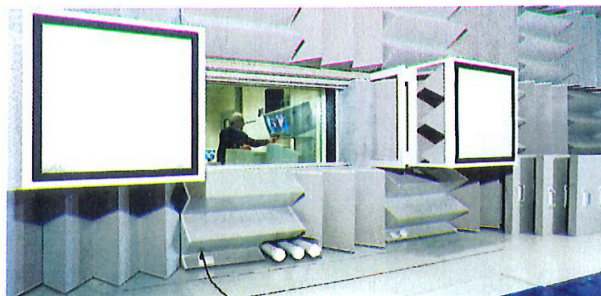
■ **TRW**



TRW - Semi-Anechoic Chamber, Double walled IAC Panel-Module

■ **Goodyear**

Goodyear Luxembourg - Semi-Anechoic Chamber 12,0m x 17,0m x 6,0m, $f_u \leq 100$ Hz



■ **Delphi**



Delphi Automotive Systems Luxembourg - Semi-Anechoic Chamber Room-in-Room construction,
 $f_u \leq 100$ Hz 0,5 °C Temperature control

■ **Sebring**

Sebring - Semi-Anechoic Chamber $f_u \leq 80$ Hz



■ Automotive Clients

Alfa Romeo
Audi
BMW
Creos (Renault)
Daimler Chrysler
Delphi
Ferrari
Fiat Group
Ford Motor
GM
Jaguar Cars
Honda
Mc Laren
Nissan
Porsche
Rover
Seat
Toyota
VW
AVL
Continental
John Deere
Delphi
IMS Morat
Goodyear
Karmann
Monroe
Pierburg
Sebring
Siemens
Tennex
TRW



■ VW

Volkswagen Brussels-10 Roller-Testing-Stand-Enclosures, including ventilation systems



■ Volvo

Volvo - Semi-Anechoic Chamber, Room-in-Room construction, $f_u \leq 100$ Hz



■ Rover

Rover - Semi-Anechoic Chamber, Room-in-Room construction, $f_u \leq 100$ Hz

■ Porsche

Porsche - Fully-Anechoic Chamber Room-in-Room construction, $f_u \leq 100$ Hz



■ Jaguar

Jaguar - a complete automotive test facility
17m x 13,5m x 5,5m
 $f_u \leq 60$ Hz



ABOUT US

Established in 1949, IAC is the world's largest provider of noise and acoustic control products, structures and test facilities. Employing over 650 people, the company has major research and development centres in the USA and France and manufacturing plants on separate sites in the UK, Germany, France, Denmark, the USA and Mexico.

In addition to the facilities directly owned and operated by the company, IAC works in close partnership with several other manufacturing organisations, notably in eastern Europe. It also has a large network of technical sales engineers, agents and distributors, offering advice and assistance to customers around the world. Several of these manufacture IAC products under license.

IAC continues to pioneer the development of new and imaginative solutions to an extraordinarily wide range of noise pollution and sound quality problems. For example, we create facilities for testing jet engines and developing quieter motor vehicles. We build TV and radio studios and install soundproof rooms in hospitals for hearing testing (audiology).

We shroud noisy plant and machinery with special acoustic enclosures, build road barriers, silence air conditioning systems and combat the noise emissions of large, powerful gas turbine engines. We install partitions in hotel function rooms and provide school children with the special facilities they need to learn foreign languages and practice playing their musical instruments. And our acoustic doors and windows can be found in almost every type of building you can think of.

Photograph: IAC Factory



TECHNICAL REPRESENTATION IN PRINCIPAL CITIES WORLDWIDE!

IAC GmbH
T: +49 (0) 2163 9991 0
E: deutschland@iac-gmbh.de
www.iac-gmbh.de

iac acoustics
making the world a quieter place