



IABG, Ottobrunn Static Strength Test FD 728



Figures and Facts:

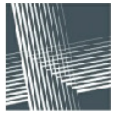
- ◆ Site:
IABG, Ottobrunn
- ◆ Owner:
Fairchild Dornier
- ◆ Planning/Engineering of the test rig:
IABG / Maurer Söhne
- ◆ Construction:
November 2000 to June 2002
- ◆ Weight: 230 t

Building:

- ◆ Construction of a test rig for the static strength test of a passenger air-plane

Parts by Maurer Söhne:

- ◆ Engineering, manufacturing and assembly of
 - the test-rig
 - the loading gear (red)
 - the platforms
- ◆ Support for the cylinders



Beginning of assembly of the test-rig



Test-rig during adjustment of the superstructure
(closed test-rig)



Test-rig with both outer wings in position



Test-rig with fuselage in position

- ◆ Test-rig for the passenger air-plane FD 728
- ◆ Size of the test-rig: 34 m x 18 m x 11 m (W x L x H)
- ◆ 54 loading-gears as a connection between the test piece structures and the cylinders



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