

SPECIFICATIONS: ALVAR AALTO THEATRE

Foundation depth: 18.0 m.
Area of main floor: 6000 m²
Area of entire building: 26300 m²

Seating capacity: 1125 total
Parkett: 790
First Balcony: 143
Second Balcony: 192

Mainstage width: 25.0 m
Mainstage depth: ca. 20.0 m
Proscenium width: Min: 10.0 m,
 max: 17.0 m

Proscenium height: Min: 5.0 m;
 max: 9.5 m
Stage left: 20.0 m wide by 18.75 m. depth

Stage right: 22.0 m wide by 21.0 m. depth

Rear stage: 20.5 m wide by 15.75 m depth with

Combined stage and backstage areas: 1750 m²
Height to grid: 22 m - 24 m
Distance from edge of thrust to farthest seat in the house: ca. 25.0 m

Lighting Information: Two Siemens B-40 computerized lightboards, 49 x 10 Kw dimmers, 131 x 5Kw dimmers, 282 x 2Kw dimmers, with 90 direct circuits and 1430 plugs. Three galleries, a proscenium bridge plus balcony rail positions.

Site: Rolandstrasse 10, 4300 Essen I, West Germany

Start date: Spring, 1985

Completion date: Spring, 1988

Architect: Alvar Aalto, 1898—1976 Elissa Aalto, Helsinki, Finland

Architectural Consultant: Harald Deilmann, Muenster, West Germany

Theatre Engineering Consultants: Adolf Zotzmann/Henrik Wiczowski, Recklinghausen, West Germany

Construction Budget: 135 million Deutsch marks

