WAVE

Engineering

Precision

Style

Ergonomic

Comfort

Flexibility

Durability

Safety

WAVE Auditorium Seating

SABS Design Institute AWARDS 2000

INDUSTRIAL

When designing a new seating system, the challenge to the design team is "What can be done to materially improve the function, aesthetics and cost of the product?"

The Rodlin Design team, when developing the Wave Conference Seating system, took a two pronged approach.

Firstly – Conference seating must be seen as a living system, capable of adaption and change. A system of one neighbour relating to another to form a community of seats which in its sum is much more than its component parts.

Groups of seats form rows and banks and the absence of seats creates aisles. Folded up, the seats make high traffic passage-ways and folded down they become self contained living environments.

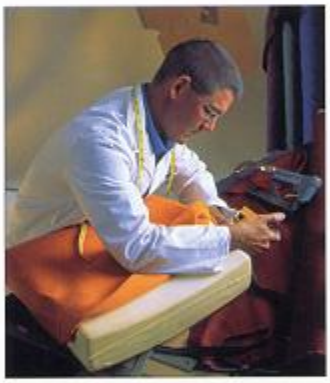
These individual people-capsules always have a focal point – They must in no way obstruct the flow of information from the stage, screen or lectern.

Only when these requirements are fully understood can the design team tackle the physical characteristics of the individual seat.

The second prong of the design approach was that of maximising quality through the employment of technologies alien to the seating industry. Automotive design and construction techniques, Aerospace materials and assembly procedures, were blended with the more traditional furniture manufacturing processes to produce a seating system truly superior to what has gone before.

The wave system attempts to blend the best of ergonomics, style and production standards to yield a system that sacrifices nothing. The team determined from the start that comfort would not be compromised for appearance, style would not triumph over substance.

Thus were the six cardinal virtues of a seating system satisfied. Comfort, Appearance, Utility, Safety, Economy and Dependability inter-relate with one another forming a unique system built by state of the art techniques and backed by the solid



traditional values seen in great furniture.

Wave auditorium seating is available in two modular formats for precise manufacturing, ease of transport, handling, packing, distribution and on-site assembly.

Precision tools and dies ensure the highest standards of build quality and uniformity of parts and components. Components are of the highest standards of durability and appearance and the design ensures ease of component replacement and upholstery cleaning or replacement. Wave is designed and built with decades of hard usage in mind.

Wave – Designed for comfort – Engineered to last

Form, texture, acoustic properties and colour influence the effectiveness and enjoyment of the auditorium experience.

Tipped up, the Wave auditorium seating allows easy access to its neighbour and tipped down a comfortable, capsule for the individual. Two widths ensure comfort for all demographic groups. Personal space is not encroached upon as armrests are sufficiently wide for two arms.

Uniform support of the torso and lower body without creating pressure points prevents stiffness and premature fatigue.

The Wave chair incorporates acoustic damping which prevents auditory fatigue by lessening echo and reverberation while allowing the acoustics of the hall to project the desired sound to the listener.

Options

Translation and delegate voice amplification facilities can be designed into the seat. Aisle and floor illumination facilities are also fully catered for. Seat and row identification systems are available.

A flip-up, anti-panic writing tablet conforms to the worlds highest safety and quality standards.

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Rodlin Design Wave Chair has passed the SABS's grueling tests and complies with the requirements of SABS 1528-1 test level 3 (institutional use). This robust chair has also met their determination of sound absorbtion characteristics of theatre chairs test, ISO 354-1985 (procedure) SABS 3150/833176.
RSA Patent Application No 97/1274
RSA Design Application No F97/0144/5/6/7
British Fire Rating - BS 5852: 1990, Section 5, Rating N1/5; This rating represents a pass for Crib 5.

RODLIN DESIGN