

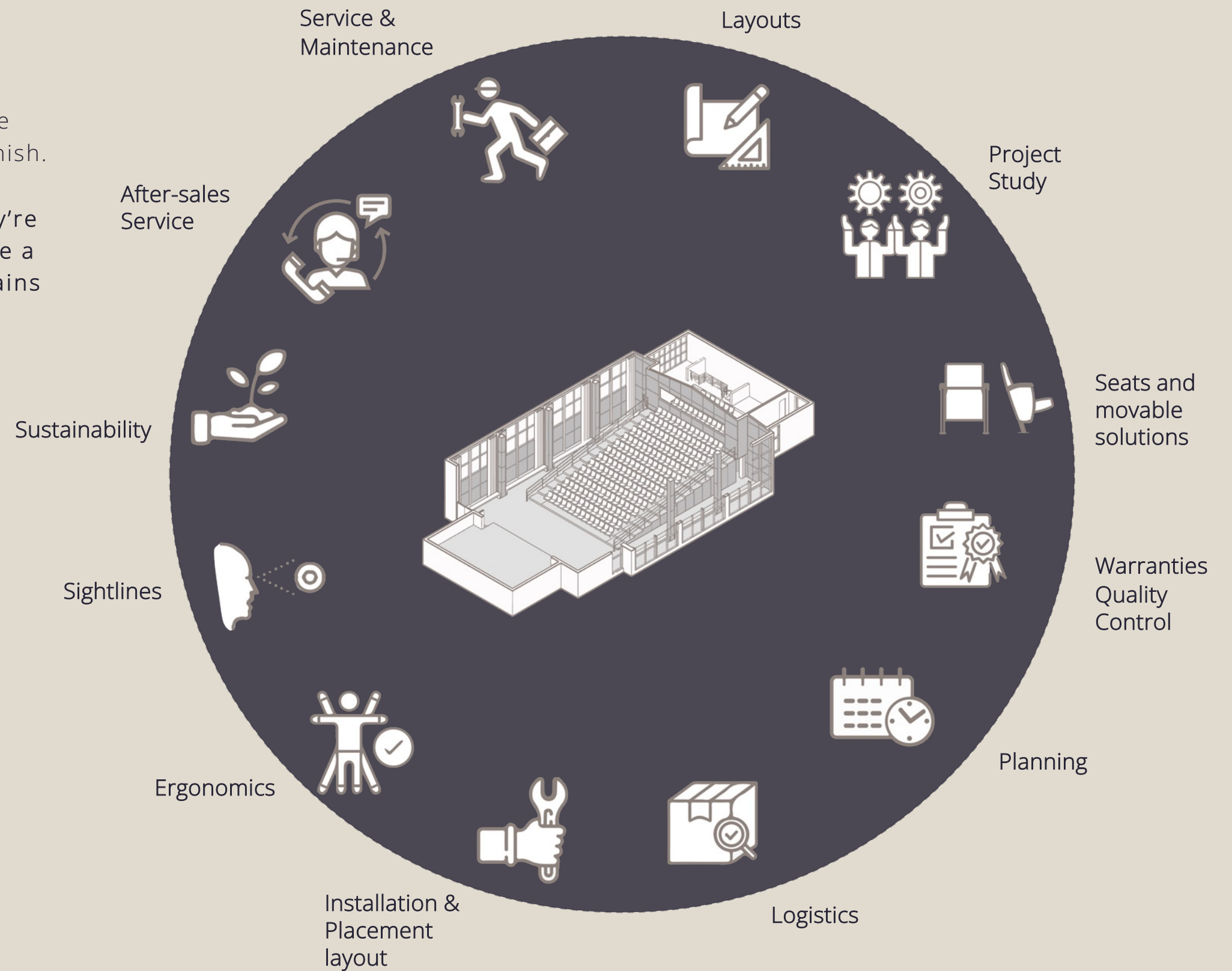
# FERCO SEATING

## **Education**

# 360° SERVICES

The structure of Ferco Seating has departments at all levels, allowing the project to be monitored from start to finish.

“We’re most proud of our people. They’re here to inspire you. To help you create a space that in turn inspires and entertains your audiences”.





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## OUR MISSION

At Ferco Seating we focus on sustainable design-led solutions that inspire our customers. Led by these core values we continue our mission to be the world's preferred seating company.







## OUR VISION

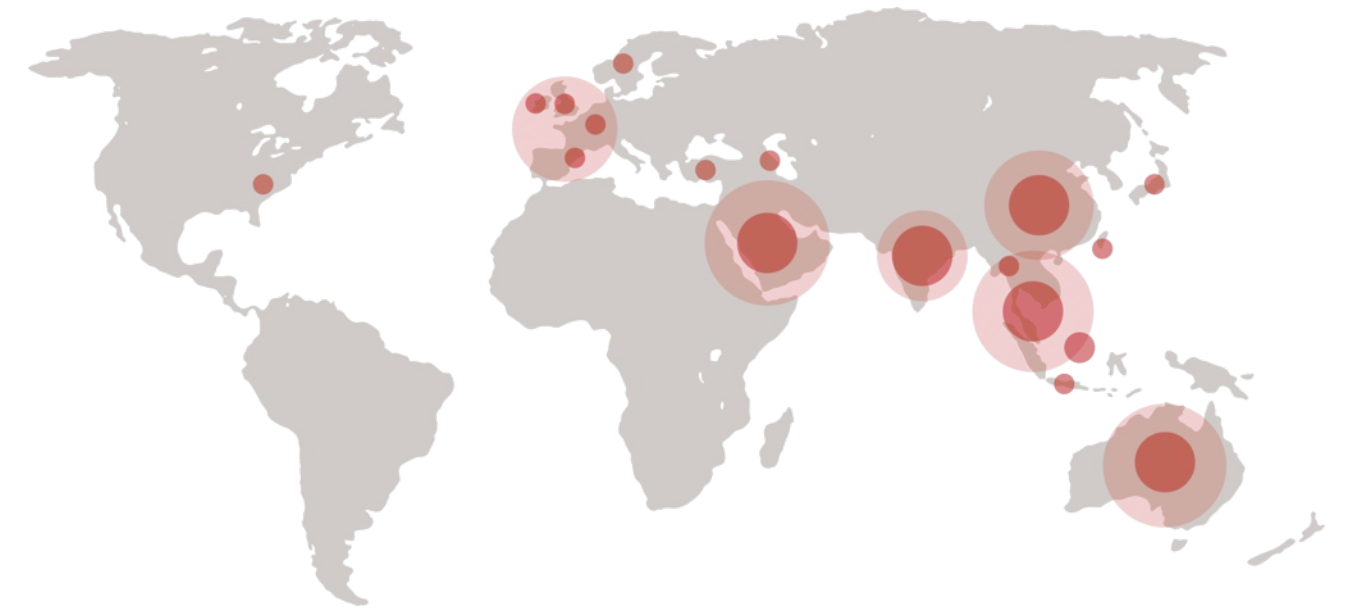
We're passionate about the environment – and about providing world-class workplaces. All our products are made in safe working environments that are eco-friendly as possible. And we're constantly looking for new ways to improve our quality, environmental and safety management systems.

Our production management processes and environmental management systems have been strictly regulated to achieve both maximum efficiency and minimum environmental impact.

We have stringent quality checks in place, from order to shipping. We're making sure our carbon footprint is as small as possible.







## INTERNATIONAL PROJECTS

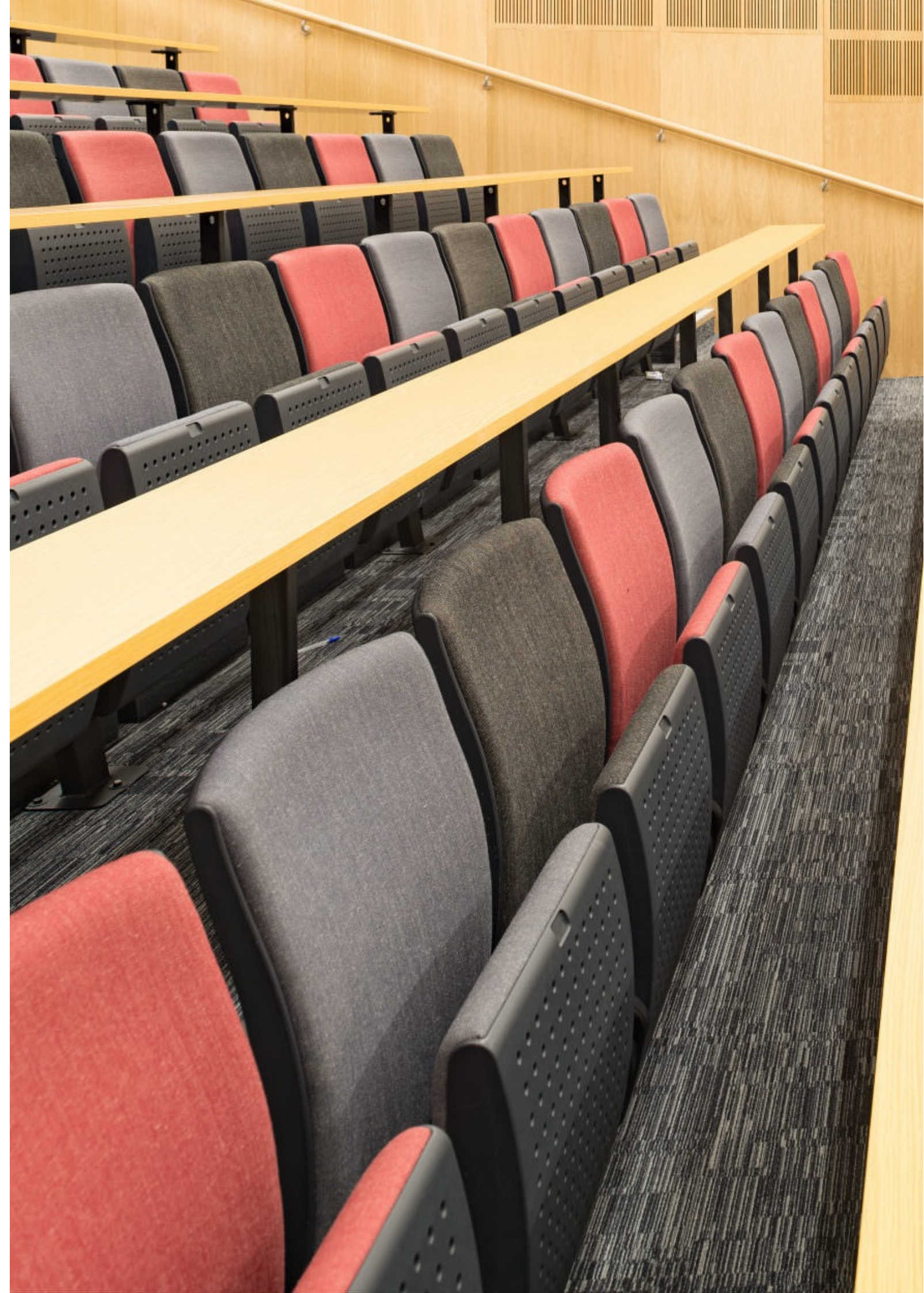
For more than 40 years, Ferco Seating has been installing its seating in renowned international projects, working closely with the best architects in the world: Zaha Hadid, Frank Gehry, Cesar Pelli, Moshe Safdie...



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## OUR PRODUCTS

Our state-of-the-art facility incorporates the latest technology and manufacturing methods with rigorous quality control. Our goal is to exceed our customer's expectations.





## FT 10 WRIMATIC®

### GENERAL DESCRIPTION

The Wrimatic™ FT10 is a luxurious, executive style lecture theatre seat with integrated A3 Wrimatic™ tablet.

Available in both standard and high backed versions this seat has been designed for superior ergonomic and posture support.

Suitable for radial and straight configurations, the FT10 seat can be tailored to room and space specifications. And is available with the option of integrated power and data points.

The integrated A3 Wrimatic™ tablet is the most robust tablet on the market having been tested to a load bearing of 240KG.

It stows neatly when not in use and operates in one continuous opening movement thanks to its unique triangular joint; a feature designed using advanced aeronautical and engineering technology.

### PRODUCT DETAILS

#### Backrest

Fully Upholstered back outer panel. The inner structure is made of 25x12.5x1.6mm thks. hollow section & Ø19x1.6mm thks tube, upholstered with HR polyurethane foam density 45 kg/m<sup>3</sup> and upholstered with fabric covers.

#### Seat

Fully upholstered seat with padded cover. Inner structure made of Ø21mm x Thk. 2mm tubular steel frame, integrated with grid foundation in High Resilience foams. Tip-up seat with counterweight systems and being lift-up by means of gravity. Totally silent and maintenance-free.

#### Standards

Rectangular hollow section of 76 x 38mm structural steel beam. Beam end protected with nylon capping. Fixed floor mounted.

### Wrimatic

Rubber wrimatic arm. Heavy-duty die-cast aluminium alloy finished in oven-baked epoxy powder coating to 60 micron. The arm consists of a complex swivel joint in precisely fabricated stainless steel with polish finish. Housed within the swivel joint is a maintenance-free, bearing for long-term operation cycles. Static bearing load > 234 kg. Dynamic bearing load > 40 kg. Swivel plate supporting the writing board made of heavy-duty plate die-cast aluminium alloy in epoxy powder coating.

The arm shall be clamped to the horizontal beam by means of a heavy-duty plate (die-cast aluminium alloy), with the use of two allen cap screws.

Writing board made of 10mm thick injection moulded. ABS. Size: 300mm by 425mm.

### Metal Finishing

All metal parts exposed shall be stripped and cleaned with iron phosphate, hot water rinsed, and then chromic acid rinsed. All metal parts are coated with an epoxy finish of at least 60 microns for indoor use.

### Fire Safety

Flammability compliance with California Bulletin 117 and international regulations. in their last issues and particularly with safety regulations.

### Options

- Seat numbering
- Row lettering
- Plastic back outer (for only 585 & 610mm)
- Tandem free standing /Tandem removable legs.
- Wooden back outer and seat outer.
- Wrimatic tablet
- Upholstered boxed-up panel
- Data and power provision
- Left end armrest
- GPO(General Power Outlet) On wrimatic beam (adjustable)
- Flammability compliance with BS 5852 : 2006 section 3 ignition source 5.



University College London Logan Hall - UK



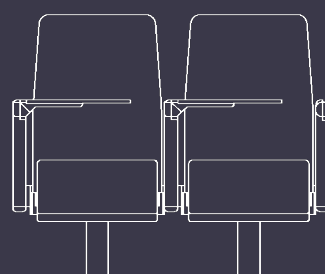
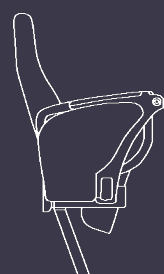
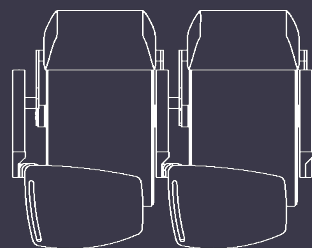
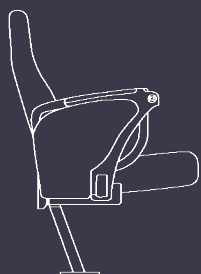
680

540

510/ 530/ 560/ 585/ 610

680

950





## FT 12 WRIMATIC®

### GENERAL DESCRIPTION

Wrimatic™ FT12, is a gravity tip-up seat with a writing tablet which was designed by an aeronautical engineering expert. The swivel joint enables a seamless fluid motion when stowing and unstowing.

This seat model has a slim profile and integrates well into a variety of environments, embracing space efficiency. Within lecture theatres and auditoriums, it allows for a higher seating capacity, maximizing the number of occupants that can be accommodated.

Suitable for radial and straight configurations, the FT10 seat can be tailored to room and space specifications. And is available with the option of integrated power and data points. The integrated A3 Wrimatic™ tablet is the most robust tablet on the market having being tested to a load bearing of 240KG.

It stows neatly when not in use and operates in one continuous opening movement thanks to its unique triangular joint; a feature designed using advanced aeronautical and engineering technology.

### PRODUCT DETAILS

#### Backrest

Fully Upholstered back outer panel. The inner structure is made of 25x12.5x1.6mm thks. hollow section & Ø19x1.6mm thks tube, upholstered with HR polyurethane foam density 45 kg/m<sup>3</sup> and upholstered with fabric covers.

#### Seat

Fully upholstered seat with padded cover. Inner structure made of Ø21mm x Thk. 2mm tubular steel frame, integrated with grid foundation in High Resilience foams. Tip-up seat with counterweight systems and being lift-up by means of gravity. Totally silent and maintenance-free.

#### Standards

Rectangular hollow section of 76 x 38mm structural steel beam. Beam end protected with nylon capping. Fixed floor mounted.

### Wrimatic

Rubber wrimatic arm. Heavy-duty die-cast aluminium alloy finished in oven-baked epoxy powder coating to 60 micron. The arm consists of a complex swivel joint in precisely fabricated stainless steel with polish finish. Housed within the swivel joint is a maintenance-free, bearing for long-term operation cycles. Static bearing load > 234 kg. Dynamic bearing load > 40 kg. Swivel plate supporting the writing board made of heavy-duty plate die-cast aluminium alloy in epoxy powder coating.

The arm shall be clamped to the horizontal beam by means of a heavy-duty plate (die-cast aluminium alloy), with the use of two allen cap screws.

Writing board made of 10mm thick injection moulded. ABS. Size: 300mm by 425mm.

### Metal Finishing

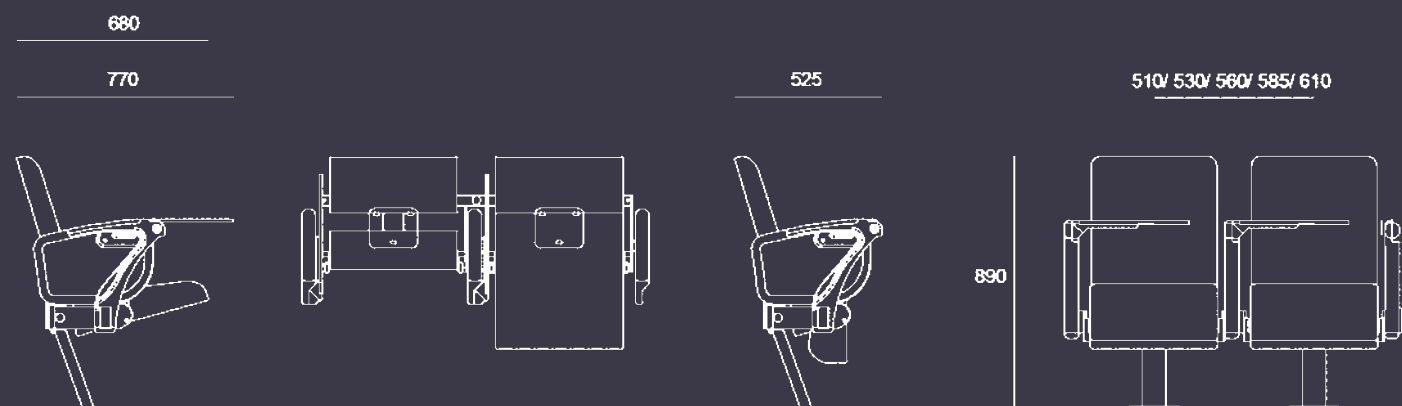
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### Fire Safety

Flammability compliance with California Bulletin 117 and international regulations. in their last issues and particularly with safety regulations.

### Options

- Seat numbering
- Row lettering
- Plastic back outer (for only 585 & 610mm)
- Tandem free standing /Tandem removable legs.
- Wooden back outer and seat outer.
- Wrimatic tablet
- Upholstered boxed-up panel
- Data and power provision
- Left end armrest
- GPO(General Power Outlet) On wrimatic beam (adjustable)
- Flammability compliance with BS 5852 : 2006 section 3 ignition source 5.





## UNIVERSITY OF MELBOURNE

FT10 WRIMATIC®

The Governor-General of the Commonwealth of Australia, His Excellency General the Honourable Sir Peter Cosgrove officially opened the Gateway building at the University of Melbourne. Trinity College's Gateway building is a world-class educational facility for Trinity College's Pathways School, which provides international students a primary pathway into the University of Melbourne, Australia's number one university.

The Pathways School is the second largest of its kind in Australia, where Trinity College welcomes students from 25 countries with cohorts including China, Malaysia, Indonesia, Singapore, Vietnam and Myanmar.

At the official opening of the Gateway building, the Governor General Sir Peter Cosgrove stated, 'This building with all of its glass, wood and metal reinforces what we know to be true as people, education is a pathway to our future. It's also and should be a pathway to harmony between all people, and that we by embracing different cultures, faiths and worldviews grow closer to each other and less far away from that big wide world.'

The state-of-the-art facility was designed by Trinity College alumni Craig Brown and Steve McIldowie from McIldowie Partners and built by Kane Constructions. Key features of the Gateway building include 25 tutorial rooms, an auditorium with capacity for 250 people, five drama rooms, an art gallery, six music practice rooms and a computer and physics laboratories.

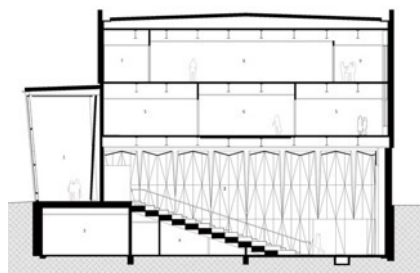
Ferco were selected to provide the College with seating in both the auditorium and tutorial rooms.

The College chose the popular FT10 with Wrimatic Tablet. This stylish, congenial, yet versatile seat attracts extremely positive feedback from its users. It is often utilised in main seminar rooms and large corporate auditoriums.



2016 / Seats: 250

Australia





## UNIVERSITY COLLEGE LONDON, LOGAN HALL

FT10 WRIMATIC®

Logan Hall is a stunning auditorium owned by University College London's Institute of Education and located in their 20 Bedford Way building. Available for University events as well as for private hire, the 910-seat venue is regularly used for conferences, debates, concerts, fashion shows and film screenings. Featuring tiered seating, outstanding acoustics and excellent sight lines; The stage at Logan Hall has been graced by world-leading academics and entertainers including Sir David Attenborough, Brian Cox & Stephen Hawking.

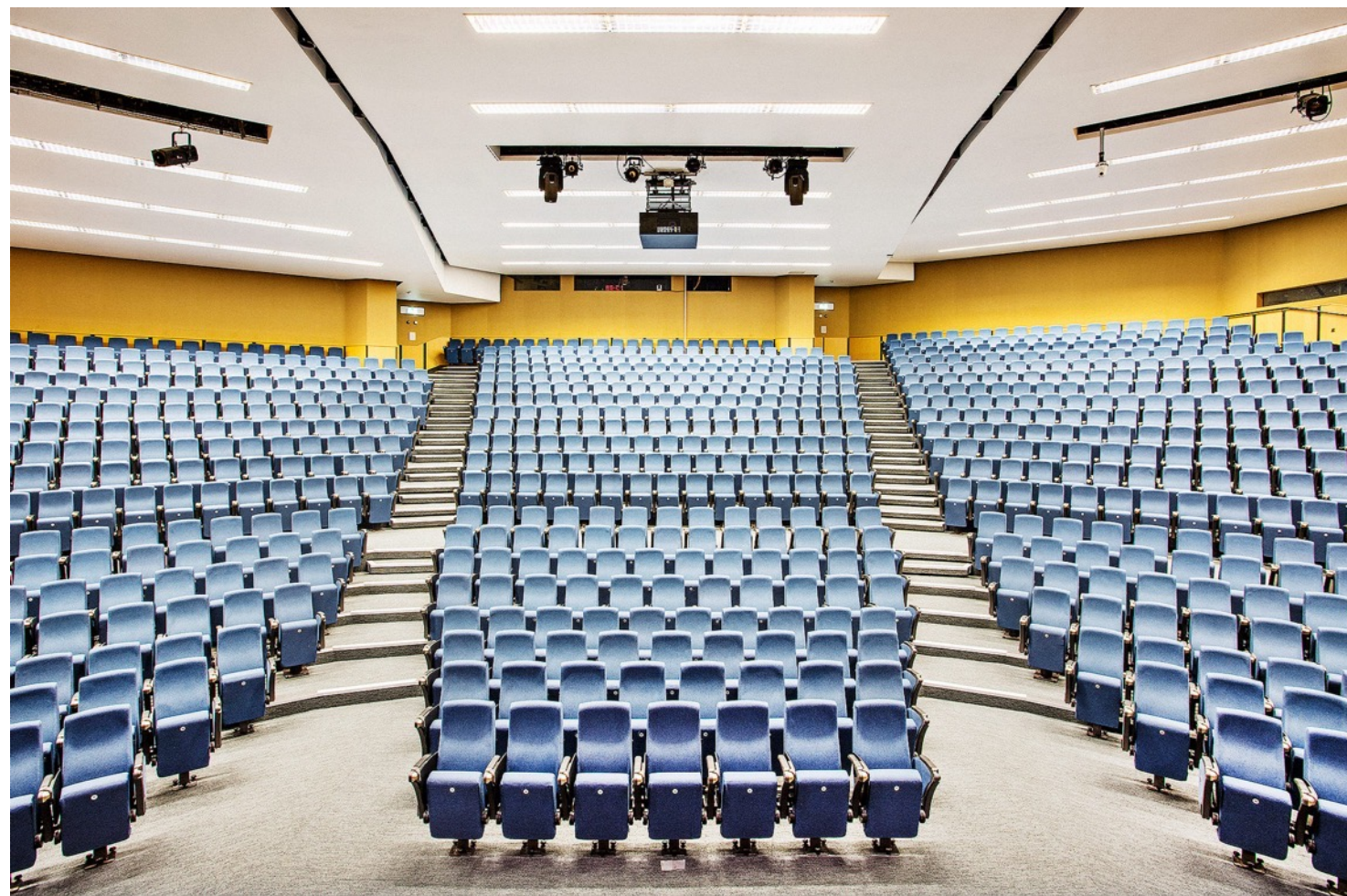
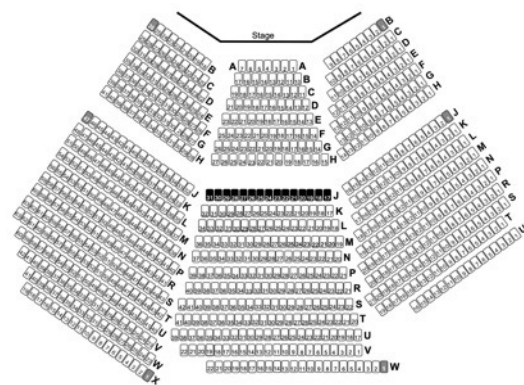
Logan Hall's home of 20 Bedford Way is situated in Bloomsbury close to the British Museum and in London's academic homeland. The building was designed by Sir Denys Lasdun in 1977 and is considered an iconic example of Brutalist architecture. Brutalist building design emerged during the 1950s during post-war reconstruction projects and is characterised by minimal construction showcasing structural elements over decorative design. 20 Bedford Way prominently displays the styles exposed and unpainted concrete, angular geometric shapes and monochrome colour palette. Sir Denys Lasdun also designed the National Theatre and was considered one of the finest Brutalist architects in the UK.

UCL recently undertook a £2.4 million upgrade to the interior of the grade 2 listed building, including a complete refurbishment of Logan Hall. The project was completed by TROY group, and as part of that refurbishment 910 new auditorium seats were installed by Ferco Seating.

UCL elected to use Ferco's versatile FT10 Wrimatic auditorium seat which is perfect for both education, auditorium and multi-purpose venues. The FT10 is fully upholstered with removeable seat covers and is designed for superior ergonomic and postural support. Featuring a structural steel frame throughout the seat and backrest for robust performance, the FT10 is virtually maintenance-free.

In addition to being a comfortable and flexible seating choice, Ferco's FT10 Wrimatic chair features an A3 writing tablet. Ferco's Wrimatic tablet is load tested up to 240kg and is virtually unbreakable. The Wrimatic tablet makes the FT10 practical for lectures and conferences - and is fully integrated into the chair to stow away easily when not in use. Ferco's anti-panic system means that if there is an emergency when the tablet is in use, it is easily moved back to its stowed position with minimal effort leaving no obstructions to the user.

2021 / Seats: 910  
UK





## DUNDEE UNIVERSITY

FT10 WRIMATIC®

2018 / Seats: 82

UK

Ferco Seating has had the pleasure of installing FT10 seats in two upgraded lecture theatres in the Matthew Building at prestigious Dundee University.

Founded in 1881 it is ranked within the top 300 universities in the world and within the top 40 in the UK.

In 1881, the ideals of the proposed new college were laid down, suggesting the establishment of an institute for "promoting the education of persons of both sexes and the study of Science, Literature and the Fine Arts".

High-quality teaching, world-leading research, and a £200 million investment in the campus with an unrivalled position in the heart of the city centre, Dundee has been named the Scottish University of the Year for two years running.

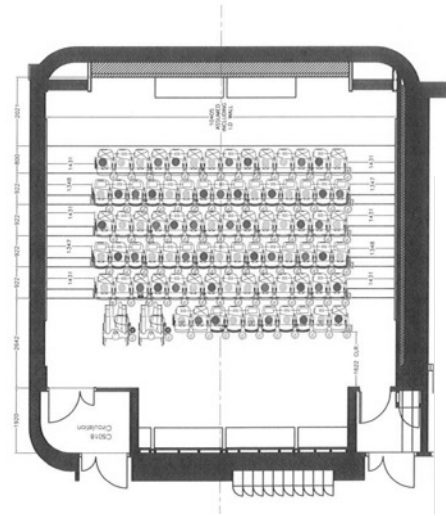
Specified by the architect James Paul Associates, Ferco has supported the continuing programme of refurbishment of teaching spaces, by replacing seating with the FT10 with Wrimatic tablet.

The FT10 Wrimatic™ is a luxurious, executive style lecture theatre seat with an integrated A3 Wrimatic tablet. Available in both standard and high-backed versions this seat has been designed for superior ergonomic and posture support.

Thanks to its style, versatility and supreme comfort the FT10 attracts extremely positive feedback from both students and lecturers. It is often utilised in a department's showcase lecture theatre.

Suitable for radial and straight configurations, the FT10 can be tailored to room and space specifications. And is available with the option of integrated power and data points.

The integrated A3 Wrimatic tablet is the most robust tablet on the market having being tested to a load bearing of 240KG. It stows neatly when not in use and operates in one continuous opening movement thanks to its unique triangular joint; a feature designed using advanced aeronautical and engineering technology.





## UNIVERSITY OF EXETER

### FT10 TURN AND LEARN®

The Forum is an ambitious and dynamic building situated at the heart of the Streatham campus, creating an inspirational mix of outside and inside space.

Opened in May 2012 by Her Majesty The Queen, the Forum links to the Great Hall and Devonshire House to create a vibrant, central hub, ideal for many types of event. The Forum includes the technology-rich Alumni Auditorium, seminar rooms, open spaces including the Street and two state-of-the-art Exploration Labs.

The FT10 turn and learn lecture chair swivels through 360 degrees to enable peer to peer interaction in all directions. It can also be fitted with integrated data and electrical points. Known as the business class of theatre chairs, the FT10 is the ultimate in comfort and function.

In the case of Exeter Forum, the FT10 Lecture seat was fitted with the world's leading integrated writing tablet, the patented A3 wrimatic is suitable for both left and right-handed student fully upholstered contoured back

#### Characteristics of the seat

Internally sprung seat and back

Silent gravity tip up

Cold cured waterproof moulded foam removable seat covers for ease of cleaning

No unsightly exposed seat brackets

Ergonomic design and comfort

Virtually maintenance free

Supports turn & learn (collaborative learning pedagogies)

Shared or individual armrests

Structural steel frame in seat and back for robust performance and Longevity

Compatible with wrimatic writing tablet

Contemporary materials and colours

Thick seat padding

Variety of finishing options including desking

Flexible layouts including radial

No finger traps

2012 / Seats: 410

UK





## UNIVERSITY OF ST ANDREWS, SCOTLAND

FT8 WRIMATIC©

Located on the east coast of Scotland within the Kingdom of Fife, the University of St Andrews is a 600-year-old institution, well-known across the globe as a world leader in education. It is also the oldest of the four ancient universities of Scotland.

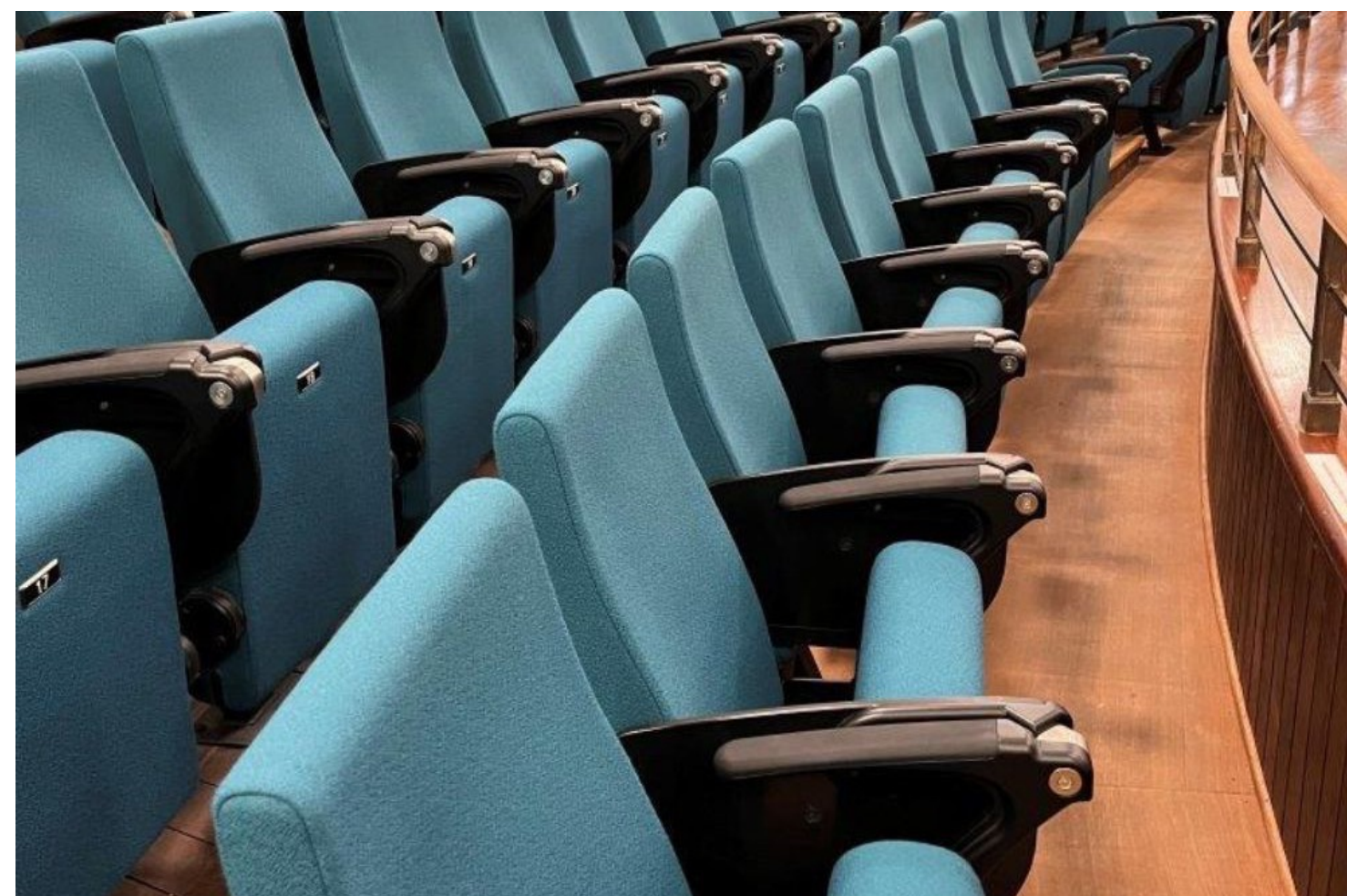
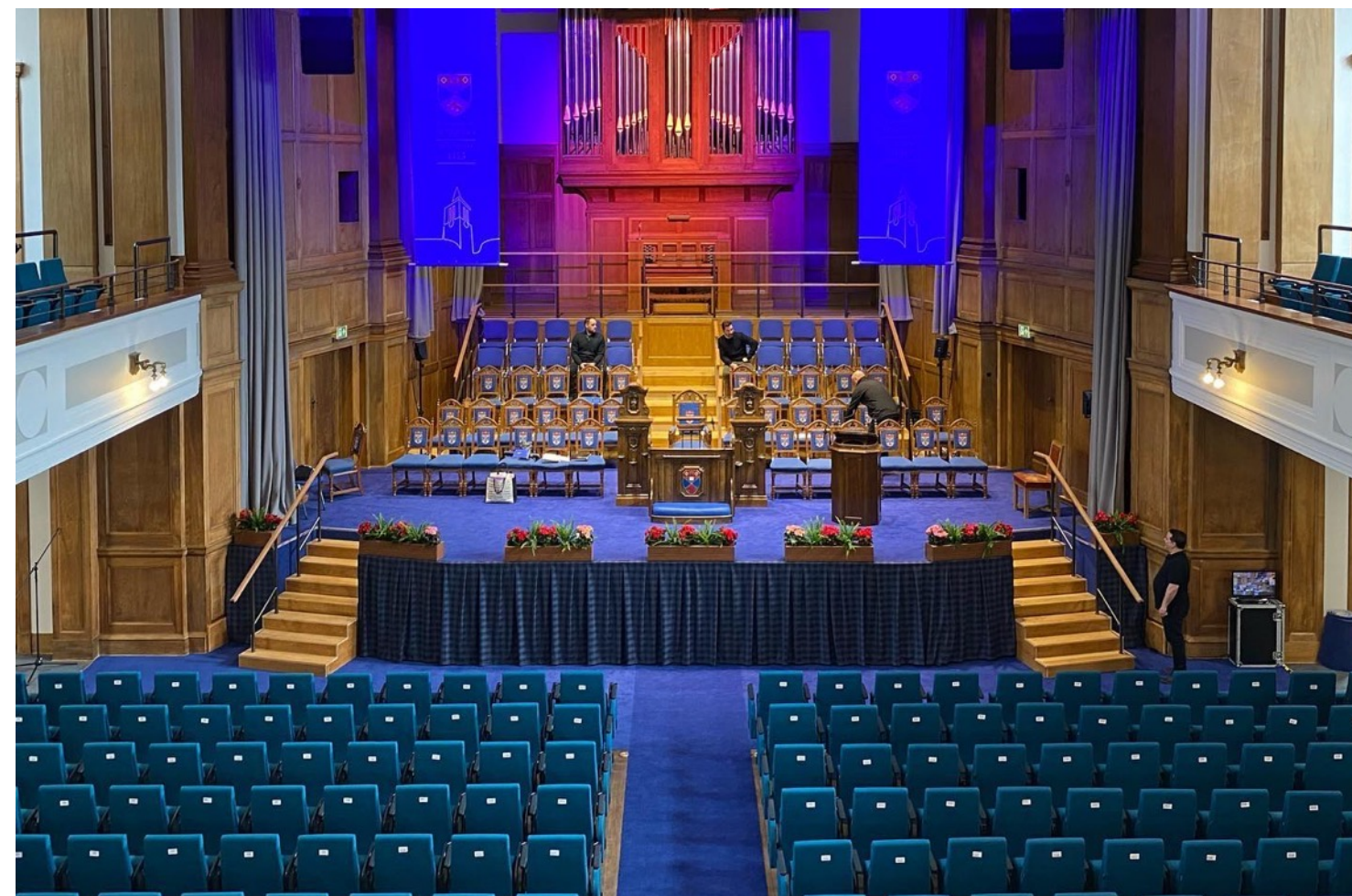
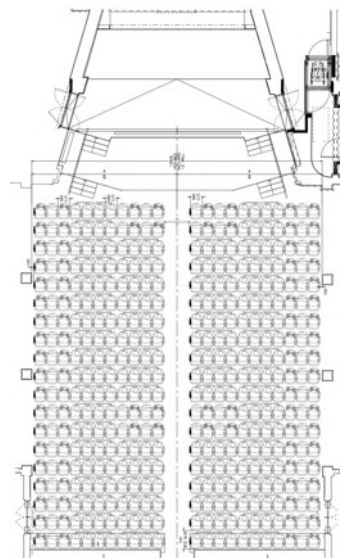
Established in 1929 by architect Paul Waterhouse, Younger Hall is situated on North Street in the town centre of St Andrews. With a capacity to accommodate up to 900 seats with superior sound system, lighting, piano and disabled access, this hall serves as a main music venue for the University. All graduation ceremonies are carried out in this hall twice a year.

We were honoured to be appointed to install new seats in the Younger Hall. Our education seat model, FT8 was selected to provide better aisle and row spacing, accommodating more seating capacity without compromising on style and comfort. For this project, a total of 156 seats were affixed with the Wrimatic™ tablet and configured in a link seating style. Due to the row spacing constraints in the lower-level space, the FT8 was selected as it has a slimmer backrest and could be customized for the Wrimatic™ tablet to swing open and remain in-closed position, whilst meeting British standard's emergency escape way requirement.

For the multipurpose space on the ground level, 418 units of the FT8 seats were fitted with castor wheels allowing the seats to move around easily, creating a flexible and conducive space requirement for a variety of events or functions. Special upholstery in Bute Elgin Juniper fabric colour, these seats were also customized to match the interior space of the foyer; with grey and green marbles, enhancing the aspects of Neo Classical and Art Deco Styles design concepts.



2022 / Seats: 900  
UK





## UNIVERSITY OF BUCKINGHAM

### FT10 WRIMATIC®

With fewer than 3,000 students and around 400 (teaching and administrative) staff in total, Buckingham is one of the UK's smaller universities but being small in size doesn't mean small in ambitions or facilities for students.

The University of Buckingham is a non-profit, private university and the oldest of the country's five private universities. It was founded as the University College at Buckingham in 1973, admitting its first students in 1976. It was granted university status by royal charter in 1983. Buckingham offers bachelor's degrees, master's degrees and doctoral degrees through five "schools" (or faculties) of study.

The Vinson Centre for Liberal Economics and Entrepreneurship was built for the study of free-market economics. It is partly funded by Lord (Nigel) Vinson, a Tory peer who earned his fortune from plastics in the 1960s before helping to set up the Centre for Policy Studies.

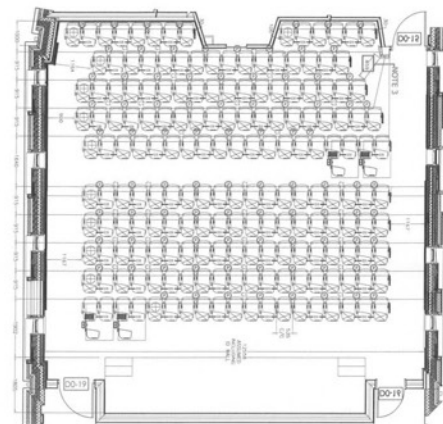
The three-storey learning centre designed by Panter Hudspith Architects has a 180-seat lecture theatre, a double-height study centre complete with a mezzanine and informal learning spaces, a student café and a new university bookshop.

As well as research collaborations between the University and the Institute of Economic Affairs, the centre will be used by economics students, research fellows, and for conferences and internships.

The university installed the market-leading FT10 with Wrimatic™ tablet seat with shared power and data ports. A bespoke stitching pattern on the backrest and seat was requested to complement the bright red fabric.

2018 / Seats: 181

UK





## QUEEN MARY UNIVERSITY OF LONDON

RIVIERA WRIMATIC®

Queen Mary University of London (QMUL) is a leading research-focused institution in the UK. Its Department of Film aims to offer a stimulating, supportive, and high-quality learning experience by enabling its students to access state-of-the-art facilities.

With new cinema technology and resources constantly developing, QMUL upgraded its Arts faculty to go above and beyond its student's and acclaimed researchers' expectations. To achieve this objective, architect - McFarlane Latter - designed a state-of-the-art accessible cinema using the latest digital projection systems and 56 of Ferco's Riviera executive seats.

Throughout the scheme development, attention to supplying the best visual experience in a comfortable setting with top-notch acoustics was a priority.

The architect committed to discovering and evaluating finishes and add-ons, cultivating an appealing space that was robust enough for everyday university life. Natural materials inspired this comprehensive scheme to create a welcoming, invigorating area to assist students and other users.

Ferco's Riviera Wrimatic™ conference chairs have wide seats, high backs, and plush padding, offering both comfort and durability, ideal for commercial use. Quality textiles, such as those used in Ferco's seating systems, provide dense acoustic absorption adding to the client's requirements. These Riviera seats included an integrated A3 writing tablet, which stows neatly when not in use - ideal for educational settings where note-taking is required.

Ultimately, this transformative project has significantly improved Queen Mary University of London's amenities and received positive feedback from everyone using the facilities daily.

2021 / Seats: 56  
UK





## ARC ONE WRIMATIC<sup>®</sup>

### GENERAL DESCRIPTION

The Wrimatic™ ARC One seat is specifically designed for comfort, function and versatility with its ergonomic shape and contoured back focusing particular attention on lumbar support and correct posture.

ARC One is the seat of choice for many universities due to being virtually maintenance free, as well as extremely comfortable and robust. Combined with Ferco's integrated A3 writing tablet, the Wrimatic™ ARC One provides schools, colleges and universities everything they need to create an ideal learning environment for their students.

### PRODUCT DETAILS

#### Backrest

Injection moulded co-polypropylene. UV Inhibitors are added at a rate to ensure no significant colour or plastic deterioration for a period of five (5) years.

Back is free of fasteners and capable of accepting upholstery pad.

Back pad is constructed of injection moulded polypropylene inner (typical wall thickness 3.5mm) with a 30mm polyurethane foam covering and upholstered with fabric or leatherette.

#### Seat

Fully upholstered with foam of 70-90mm thickness, density 60kg/m<sup>3</sup>.

Fully upholstered in fabric or leatherette.

Beam mounted gravity tip up seat padded with foam and upholstered in fabric or leatherette.

### Metal Finishing

All metal parts exposed shall be stripped and cleaned with iron phosphate, hot water rinsed and then chromic acid rinsed.

All metal parts are coated with an epoxy finish of at least 60 microns for indoor use and hot dipped galvanized to BS 729 for outdoor use.

Conformity with BS-6496 hardness test.

### Standards

Horizontal beam structure of 60mm X 40mm X 3mm thk.

### Fire Safety

Fire Safety - Flammability compliance with California Bulletin 117 and international regulations in their last issues and particularly with safety regulations.

Flammability compliance with BS 5852 : 2006 Section 3 Ignition Source 0 & 1.

### Options

ARC Multi with PU

ARC Multi Plus

ARC Multi with cupholder

ARC Multi Retractable armrest (with spring)

ARC Multi Retractable armrest (without spring)

ARC end cap with row numbering / lettering

ARC seat numbering

Riser mounted leg

Embroidery seat numbering

Flammability compliance with BS 5852 : 2006 section 3 ignition source 5



University Tun Hussein Onn - Malaysia

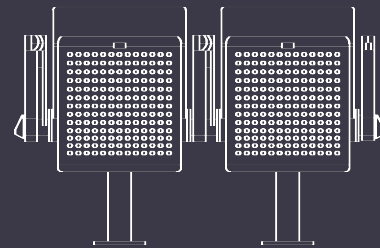
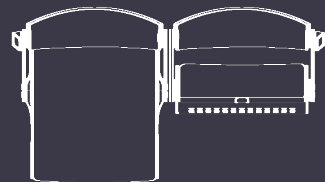
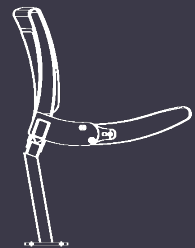
590

450

300

490 minimum

790





## ALLIANCE MANCHESTER BUSINESS SCHOOL

FT10 / ARC ONE PLUS / ARC ONE WRIMATIC® / COLLABORATIVE WAVE

2019 / Seats: 600  
UK

Alliance Manchester Business School (Alliance MBS) is the business school of the University of Manchester. Ranked 2nd in the UK for research, they provide education to undergraduates, postgraduates and executives across the globe. The foundation of the School dates back to 1918. The "new" Manchester Business School was formed in 2004 because of the merger of UMIST's Manchester School of Management, the Institute of Innovation Research (IoIR), the Victoria University of Manchester's School of Accounting and Finance, and the "old" Manchester Business School. As part of the University's £1 billion Campus Masterplan, the School has undergone an ambitious refurbishment that brings all staff and students together under one roof to create some of the most modern campus facilities in the world.

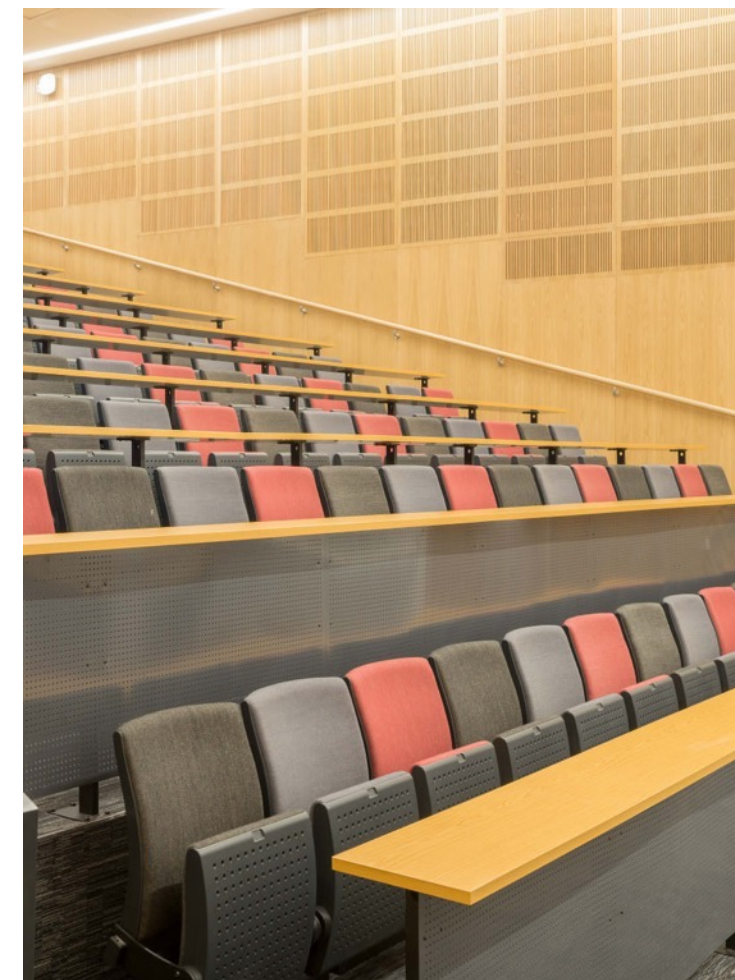
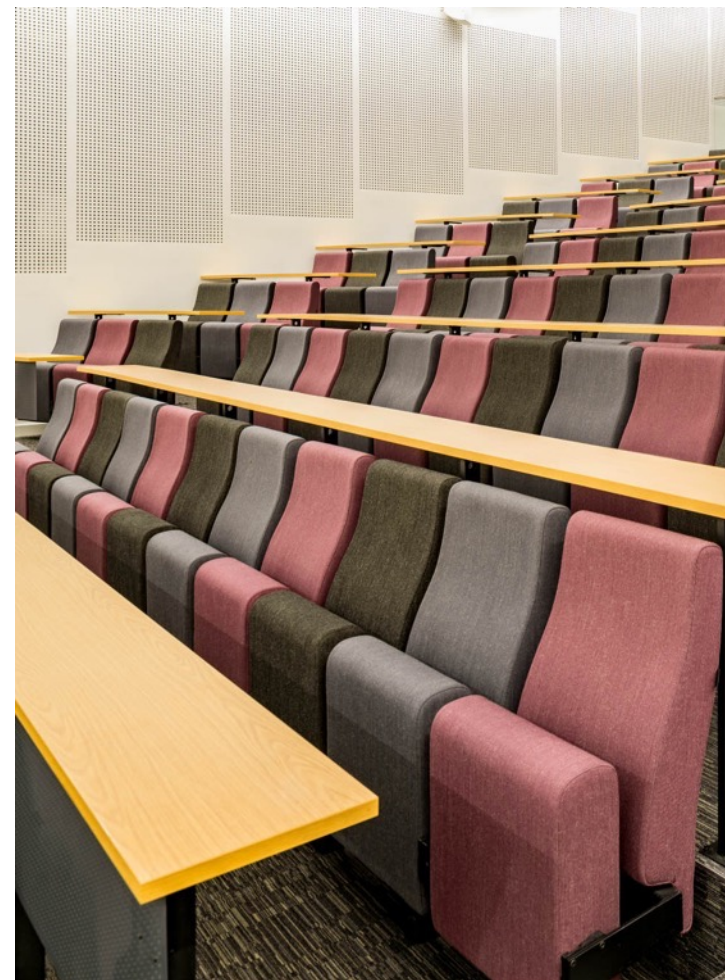
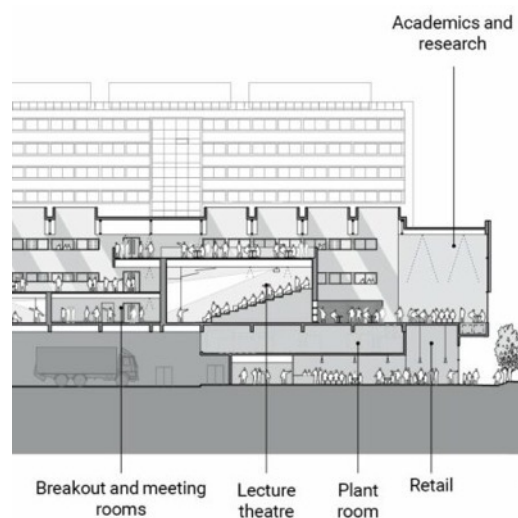
Four different products were chosen for their differing aesthetics and functionality:

The Collaborative Wave™ is designed specifically to complement evolving teaching methodologies. Featuring a pod of four or five contoured seats set around a unique curved desk, the Wave allows learners to seamlessly participate in tutor-to-student and student-to-student collaborative learning experiences through its innovative construction.

A third tiered lecture theatre installed the market-leading FT10. The FT10 is a luxurious executive style seat designed with superior ergonomic and postural support.

The ARC One Plus seat was installed in the fourth large lecture theatre. The tiered room required the seats to be paired with straight rows of oak effect desking. The ARC One is a luxury upholstered seat with a high backrest and superior padding.

The fifth seminar room installed the versatile ARC One with an integrated A3 Wrimatic™ tablet. Renowned for its comfort, function and versatility the ARC One lecture theatre seat is ergonomically shaped with a contoured back and focuses particular attention on lumbar support and encouraging correct posture for students sitting for an extended period.





## QUEEN'S COLLEGE, OXFORD

ARC WOOD WRIMATIC®

Queen's College, founded in 1341 by Robert de Eglesfield, is a constituent college of the University of Oxford, England.

The Shulman Lecture Theatre was opened in 2010 by The Duchess of Cornwall and the RIBA-award-winning auditorium is designed to provide plenty of natural light and excellent acoustics.

The ARC Wood is the ideal lecture theatre seat for this project, with the natural material giving a luxurious and tactile aesthetic. This lecture seat has a strong, silent tip up mechanism and is virtually maintenance free.

The University chose the ARC Wood chair with additional options including arm rests, padded upholstery and the integrated A3 Wrimatic™ writing tablet which is the strongest and most robust tablet on the market.

2010 / Seats: 110  
UK





## ARC ONE TURN AND LEARN™

### GENERAL DESCRIPTION

The Turn & Learn™ Educational Seating System creates the environment where collaborative learning can flourish and is the ideal seating solution for progressive educational establishments. The layout enables both collaborative and didactic teaching modes in one setting and allows face-to-face and eye-to-eye contact for collaborative working.

It allows its occupants to rotate a full 360° whilst remaining seated, enabling students to not only engage with the lecturer, but also with their peers/colleagues. This type of seating is designed to support and enhance the requirements of an interactive learning space. Simple desks are arranged between comfortable tip-up ARC One or FT10 seats, rows of which rotate, giving full line of sight of the lecturer.

The lecture chairs are ergonomically shaped with a contoured back and this range focuses particular attention on lumbar support and correct posture. A preferred choice for many UK universities due to its comfort, durability, ease of maintenance and versatility.

### PRODUCT DETAILS

#### Structure

Horizontal beam structure of 80mm x 40mm x 3mm. Hollow section pedestal with base plate 8mm thickness. BS 3692 Specification for ISO metric precision hexagon bolts, screws and nuts. Metric Units. BS EN 12727: 2000 Specification for strength and durability.

#### Backrest and Seat.

Injection moulded co-polypropylene. UV Inhibitors are added at a rate to ensure no significant colour or plastic deterioration for a period of five (5) years. Seat and Back is free of fasteners for upholstery pads. Seat pad is constructed of injection moulded polypropylene inner with moulded polyurethane foam cushion and upholstered in fabric of choice. Back pad is constructed of injection moulded polypropylene inner (typical wall thickness 3.5mm) with a 30mm polyurethane foam covering and upholstered with fabric of choice. Beam mounted tip-up seat with ergonomically design back and seat.

#### Metal / Fabric Finishing

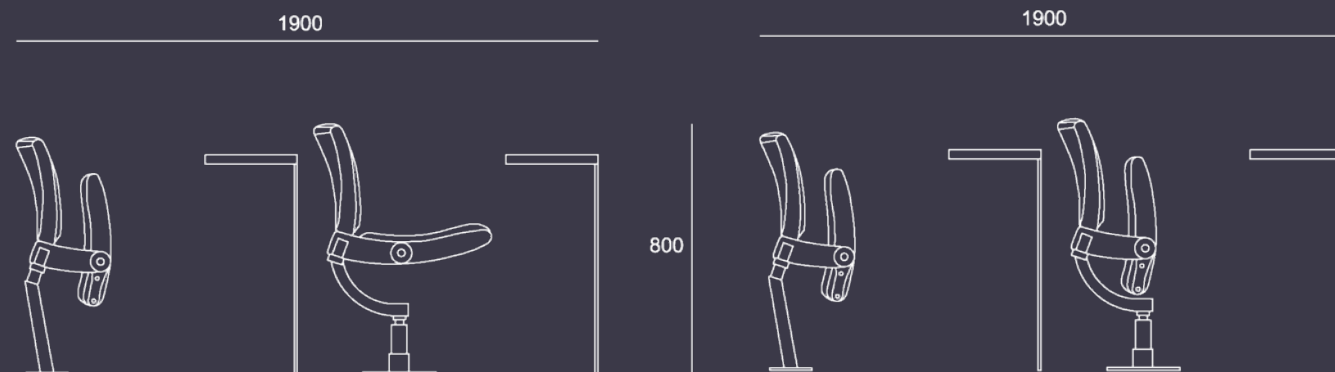
All metal parts exposed shall be stripped and cleaned with iron phosphate, hot water rinsed, and then chromic acid rinsed. All metal parts are coated with an epoxy finish of at least 60 microns for indoor use and hot dipped galvanized to BS 729 for outdoor use. Conformity with BS-6496 hardness test.

#### Fire Safety

Flammability compliance with BS 5852 : 2006 section 3 ignition source.



Kingston University London - UK





## IMPERIAL COLLEGE LONDON

### ARC ONE TURN AND LEARN™

Imperial College London, one of the United Kingdom's premier institutions for higher education, sought to enhance its learning environments by transforming existing study rooms into state-of-the-art lecture theatres within the ACEX building.

This ambitious project aimed to create a flexible and collaborative learning environment for up to 100 students. The project was managed by Imperial College Estates Operations, with collaboration from various stakeholders, including our client, Wilson Mason Ltd.

Imperial College London's challenge was adapting existing space while maintaining external windows, creating an innovative, comfortable, and collaborative learning environment, and ensuring a smooth project delivery.

Ferco's Turn & Learn™ Educational Seating System provided the ideal solution to address the challenges faced by Imperial College London. This innovative seating system offers a range of features that support the evolving needs of higher education institutions: Collaborative Learning Environment: The Turn & Learn™ system enables a collaborative study approach. It allows students to engage not only with the lecturer but also with their peers and colleagues.

360° Rotation: Occupants can rotate 360° while remaining seated, promoting interaction and engagement. This feature facilitates eye-to-eye contact, a crucial element of effective collaborative learning.

Ferco's Turn & Learn™ Educational Seating System was pivotal in transforming Imperial College London's study rooms into a modern lecture theatre. The innovative seating solution met the university's objectives for a collaborative learning environment and provided students with comfortable and ergonomic seating options. The lecture theatre was finished on schedule and was operational for the new academic term.



2023 / Seats: 100

UK





## KINGSTON UNIVERSITY LONDON

### ARC ONE TURN AND LEARN™

Located close to the mighty Thames and within easy reach of the beating heart of the British capital, Kingston University is a popular option for students who want all the benefits of the city without the drawbacks. The main campus is within walking distance of vibrant Kingston town centre and provides a wraparound experience for student incorporating a library, health centre and canteen.

Expansion continues at the faculty, with a new development at the Learning Resources Centre significantly enhancing the university's pedagogical offer. Projects such as the creation of a superb modern building in memory of renowned local author John Galsworthy were part of the impressive scheme of improvements taking place over the past few months.

With an eye on peak quality, performance and value, Kingston University selected Ferco's collaborative learning systems as the perfect fit for their Clattern Lecture Theatre.

After careful evaluation and support from Ferco's team of experts, they selected ARC One seat with fixed desks. This innovative seating solution enables students to turn their seats 180 degrees to work in collaborative peer groups, harnessing the power of shared learning and allowing for a more questioning, proactive learning style - research into collaborative learning techniques has proven that up to 45% more knowledge is retained following groupwork in a lecture situation. The popular ARC Swivel lecture theatre seat had been adapted to deliver turn-and-learn functions with either an integrated A3 Wrimatic tablet or a fixed writing ledge.

This ergonomically shaped lecture chair rotates through 360 degrees to facilitate collaborative learning and sharing, enabling group and pair work with a minimum of fuss. The chair's contoured design focuses particular attention on lumbar support and correct posture and is the preferred choice for many UK universities due to its comfort, durability, ease of maintenance and versatility.

For Kingston University, a Ferco seating solution was in keeping with their image as a progressive learning site that's continuing to make massive strides in enhancing the all-round student experience.

2014 / Seats: 211  
UK





## DUNDEE UNIVERSITY

ARC ONE PLUS & ARC ONE TURN AND LEARN™

2019 / Seats: 93

UK

Ferco Seating has had the pleasure of installing the Turn and Learn™ in an upgraded lecture theatre in the Matthew Building at prestigious University of Dundee.

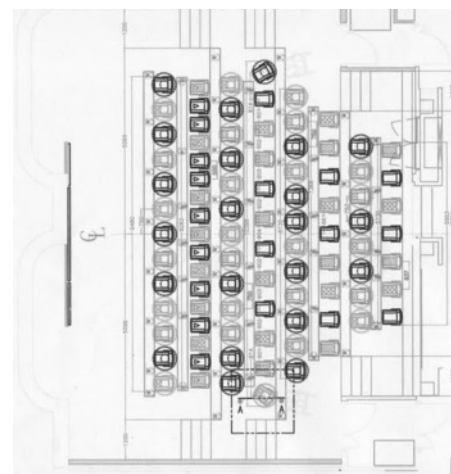
Founded in 1881 it is ranked within the top 300 universities in the world and within the top 40 in the UK. It was awarded University of the Year for Student Experience by The Times Good University Guide 2020.

In 1881, the ideals of the proposed new college were laid down, suggesting the establishment of an institute for "promoting the education of persons of both sexes and the study of Science, Literature and the Fine Arts".

High-quality teaching, world-leading research, and a £200 million investment in the campus with an unrivalled position in the heart of the city centre, Dundee has been named the Scottish University of the Year for two years running.

The University of Dundee is the latest institution to install Ferco's innovative Turn and Learn™ system. Having previously worked with the Estates teams on refurbishing a number of lecture theatres, the University has continued to invest in modern and inspiring learning spaces.

Working with architects Oberlanders and construction consultants Pick Everard, Ferco designed, manufactured and installed a 93-seat collaborative Turn and Learn™ lecture theatre, in the Matthew Building.





## CAS BUSINESS SCHOOL

ARC ONE TURN AND LEARN™

An integral part of City, University of London, Sir John Cass Business School is among the global elite. We are consistently ranked amongst the best business schools and programmes in the world.

Cass Business School was established in 1966 and is City, University of London's business school, located in the St Luke's area. The name changed in August 2002 following a donation from the Sir John Cass Foundation and was officially opened under its new name by her majesty, the late Queen Elizabeth II in 2003.

Cass ranked top 10 Business school in the UK, top 20 in Europe by "QS Global 250 Business Schools 2017". Business school rankings from the Financial Times ranked Cass Business School 2nd in London and top 40 globally. The Financial Times "Top MBAs for Finance 2017" ranked Cass 4th in the UK and 25th in the world.

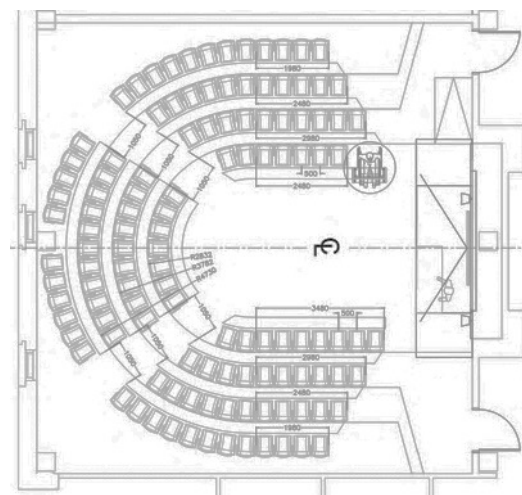
With such impressive standards to maintain, Ferco offered the seating solution of choice. The popular ARC One lecture theatre seat has a thickly upholstered seat and back, a silent tip-up mechanism and is virtually maintenance free.

The ARC One lecture chair is ergonomically shaped with a contoured back and this range focuses particular attention on lumbar support and correct posture. A preferred choice for many UK universities due to its comfort, durability, ease of maintenance and versatility.

The ARC One was paired with a fixed writing ledge, the lecture theatre achieved excellent utilisation of space, opting for a 'horseshoe' shaped configuration.



2018 / Seats: 120  
UK





## PALLE SERIES

### GENERAL DESCRIPTION

The Palle Series of stacking chairs have been designed with the utmost comfort in mind. Its three-dimensional curve of the backrest and seat base perfectly conforms to the body of seated students, ensuring comfort even during extended periods of sitting.

The Palle Series offers both functionality and compact design. With a flip-up seat, these chairs can be horizontally stacked with ease, boasting a stacking efficiency of less than 5 inches when the seat is flipped up (6 inches when the backrest is plywood). The highly durable three-dimensional mesh upholstery allows for optimal breathability, even during extended periods of sitting, and is fray-resistant for added strength.

Two backrest options – synthetic resin for a casual impression, or plywood for a softer, more unique ambiance. Synthetic resin backrests are scratch-resistant, ensuring a neat appearance for long-term use. Available in white-gray or black, you can select the perfect colour to complement your classroom's interior.

The plywood backrests offers a more stylish look that blends well with modern desk designs. The Palle Series has as well the option to add a back pad for greater comfort.



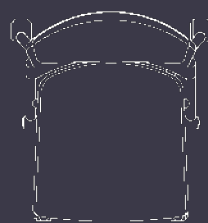
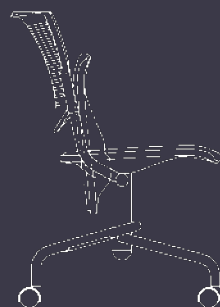
Kyushu University - Japan

560

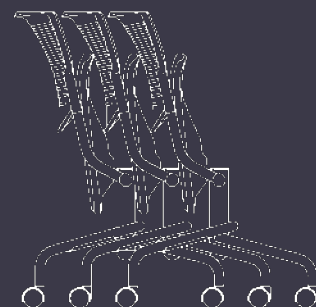
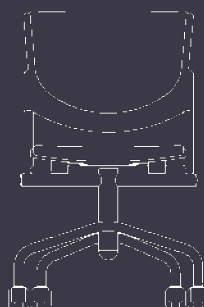
455

125

560



790





## TAKATSUKI HIGH SCHOOL

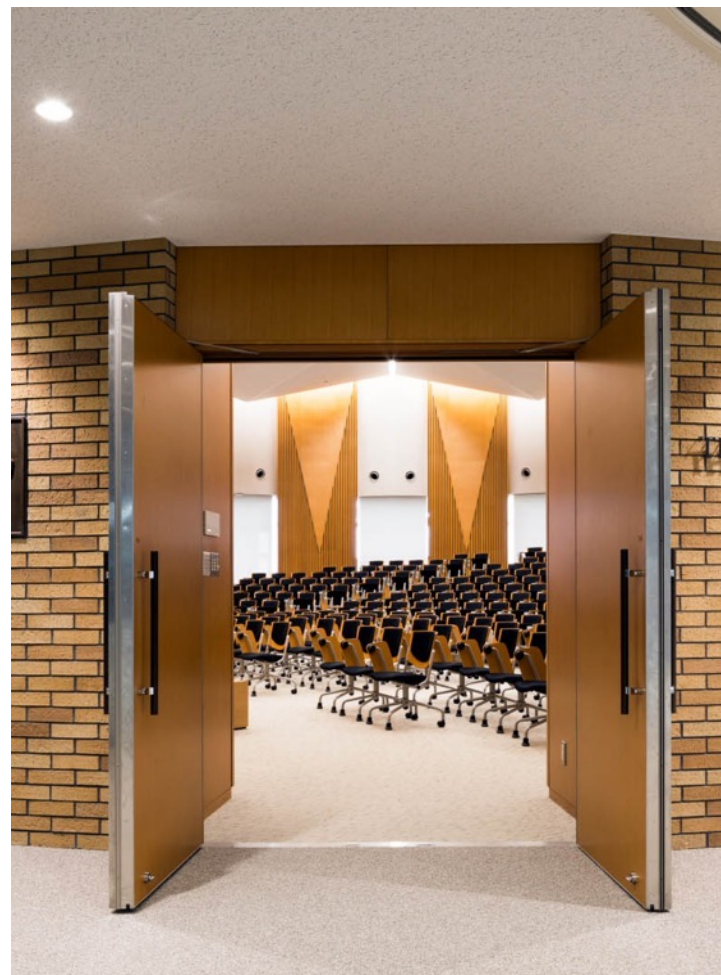
### PALLE SERIES WITH TABLE

Takatsuki Junior and Senior High School creates a large number of opportunities for students to hold presentations, and The Cornucopia Hall was built and completed in 2018 as a space where the results of research projects can be presented.

When planning the Hall seating options which would help foster interactive communication were explored. As a result, the distance between the presenter and the furthest row of seating is quite close, and the seats wrap in a round shape so that all members of the audience can face the presented straight on. Seats in front of or behind each other are offset by half a seat to allow for visibility. Seating was also placed in tiers, not only for the listeners, but also to allow the presenter to experience both the nervousness and the excitement of talking to an audience.

Each leg of the chairs stands individually, which prevents movement from being transferred to other seats to the right or left, or in front or behind, which helps viewers sit comfortably. The seats in the front 4 rows employ the same design as those in the fifth row onward, only they are movable in design. The rolling wheels allow for rearrangement, but the front two wheels were removed to provide additional stability.

2018 / Seats: 307  
Japan





## EASYGLIDE DESK

### GENERAL DESCRIPTION

The EasyGlide desk has a stylish aesthetic which belies its ingenious design. It can be easily operated to move the table smoothly around a space. It is extremely light (it can be moved with one hand) and is manoeuvrable in any direction. The patented retractable wheels mean that when not in use the table is stable on flat feet.

It is available in a variety of lengths (650mm, 1200mm, 1800mm) and as either a fixed or a foldable version. When not in use the desks can be folded flat (to a depth of 140mm) to be nested and stored.

It is a useful addition to any learning space and its ease of operation and independent operation means it can be used to create inclusive DDA spaces for students.

### PRODUCT DETAILS

#### Structure

The structure of the table is made up of 2 floor support feet with high resistance non-slip blocks, 2 pedestals, and mechanisms for the support and folding of the writing desk.

### Writing Desk

The writing desk is made of chipboard covered on both sides with melamine and with rounded edges finished in PVC. The front skirt is made of polypropylene. This table integrates 2 mechanisms. One for folding the writing pad and the other for activating the castors.

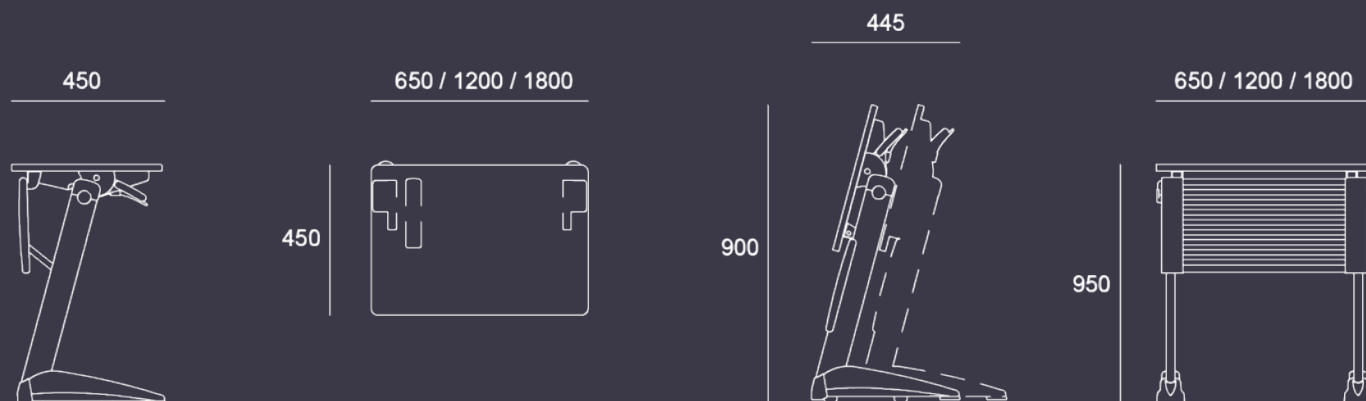
### Legs

The first mechanism is equipped with a lever which, when activated, raises the feet and allows the 2 wheels incorporated in each foot to come into contact with the floor. This allows the table to be moved without the need to fold the writing desk, making it easier to change the configuration of the space, if necessary, without having to remove the elements on the table.

The second mechanism is equipped with another lever, which unlocks the envelope and allows it to be folded at the front, in a movement which, in a joint movement, moves the front skirt, so that it remains below the writing envelope when it is folded.



Tokyo College Music - Japan





## OTEMON GAKUIN UNIVERSITY

### EASYGLIDE DESK / PALLE SERIES

The Sojiji Campus of Otomon Gakuin University was built as part of the 130th-anniversary project of the school. The school building has a distinctive triangular shape.

The Sojiji Campus was built based on the concept of "learning and teaching each other" and "learning by oneself" anytime, anywhere. It is the campus is utilized by the first-year students of all faculties, as well as students of the Faculty of Regional Development Studies and the Faculty of International Liberal Studies. The architectural design is based on an equilateral triangular plan, 130 meters on each side, and is an inverted triangular pyramid symbolizing the beginning of Otomon Gakuin's new education. The PALLE Series enhance students' independent learning and interaction in the facilities such as lounges, corridors, classrooms and a library.

The table is equipped with a one-touch caster mechanism. When the top panel is folded with lever appear. The casters lift the entire table without damaging the floor. Furthermore, the tabletop can be folded and stacked for compact storage. The seat is padded for both durability and comfort to help you stay focused during lectures.

The legs are on casters, and the seat can be raised for horizontal stacking. Both the table and chairs can be stacked to create a flat space in the classroom.



2021 / Seats: 560  
Japan





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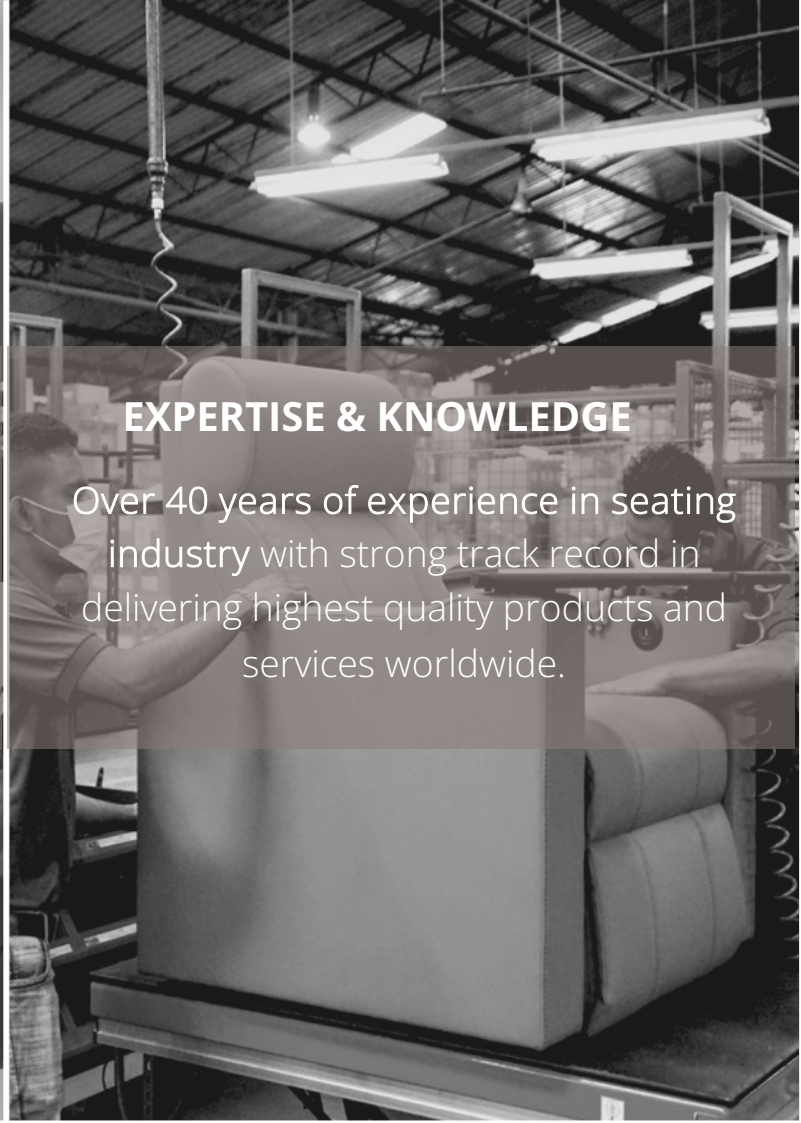
## WHY FERCO SEATING

At Ferco, our commitment to friendly, professional customer service and unwavering attention to detail is reflected in everything we do.



### PRACTICAL SOLUTIONS

Functionality matters to us as much as design and comfort. We incorporate the latest technology in our products for a better experience.




### EXPERTISE & KNOWLEDGE

Over 40 years of experience in seating industry with strong track record in delivering highest quality products and services worldwide.



### WORKING WITH ARCHITECTS

We have worked with prestigious architects such as Zaha Hadid, Frank Gehry... Our team incorporates designers and architects for a fluid follow-up.



### PEACE OF MIND

We have an efficient team based in the UK committed to exceed customers' expectations. Around the clock after-sales service.





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