

Dancoo DCG



The smart and soundproof office phone booth that brings nature back to the office.

dancoo
Quiet Smart Pods

Dancoo DCG / Product Overview



Dancoo DCG is a smart, nature-inspired office phone booth with a full-glass door, designed for high-frequency, short-duration calls and focused work. In the most compact footprint possible, the full-glass door allows natural light to flow through, making the interior feel open and inviting — while acoustic laminated glass ensures speech privacy remains uncompromised. Every surface you see and touch is natural birch plywood. A Class soundproofing with an independent ISO23351-1 test report, CRI ≥ 90 natural lighting, and 56 second full air exchange ventilation — all in the smallest space, so you can work the most natural way, with transparency.

Dancoo DCG / Product Highlights



Verifiable A Class Soundproofing — Not Self-Proclaimed

30dB+ speech level reduction, independently verified to ISO 23351-1. Speech stays clear inside, unintelligible outside — effectively reducing uncontrolled speech from raising the ambient noise level of the entire workspace.

Verifiable Privacy — Smarter and Safer

Lighting, ventilation, and smart booking — all controlled via the high-resolution touchscreen. Dancoo processes 100% of usage data on-site, within your own infrastructure. No cloud. No third parties. Your data never leaves your control.

Full-glass Transparency — Light Meets Privacy

The full-glass door allows natural light to flow through, making the compact interior feel open and inviting — while acoustic laminated glass with a soft interlayer ensures sound insulation exceeds 30dB (Class A).

Nature-inspired Materials

The door frame is crafted from a single sheet of HPL faced birch — zero seams, zero visible joints. Solid birch plywood forms the structural core — door frames, window frames, internal framework. Natural. Warm. Built to last.

Dancoo DCG / Technical Features



1. A-Class Soundproofing (30dB+)

Independently verified to ISO 23351-1 with a third-party test report. Clear calls, quiet environment — ideal for high-frequency, short-duration work.

2. Full-glass Door — Light Meets Privacy

Acoustic laminated glass with a soft interlayer ensures sound insulation exceeds 30dB (Class A). The full-glass door allows natural light to flow through, making the compact interior feel open and inviting.

3. Full Birch Plywood Structure

Door frame, window frame, internal framework — all in solid birch plywood. The door frame is crafted from a single sheet of HPL faced birch — zero seams, zero visible joints. Natural, warm, sustainable.

4. Adaptive Ventilation

Custom dual fan design delivers 47 l/s maximum airflow — renewing the air in 56 seconds. Touchscreen adjustable.

5. Natural Lighting System

CRI $\geq$ 90. Custom-engineered 280×280mm LED panel with uniform, glare free illumination. Panel lights as thin as 14mm. high-CRI reduces eye fatigue during extended use.

6. Secure Smart System

100% of usage data is processed on-site, within your own infrastructure. No cloud. No third parties. Your company logo can even appear on the screen.

7. Modular Pre-Assembly

Walls, ceiling, electrical systems, interior finishes — fully pre-assembled at the factory into complete modules. On-site installation is reduced to connecting a few modules. Precision is maintained through multiple moves. Decades of use, not years.

8. Three-Colour Occupancy Light

Green / Yellow / Red — occupancy status at a glance. See from a distance whether the pod is free, reserved, or occupied.

9. Compact Footprint

100cm width — minimum space, maximum flexibility. Fits into corners, corridors, and open-plan areas where every square metre counts.

10. Multiple Colour Front Options

Not limited to black — available in white and a full range of colours from our colour catalogue.

Dancoo DCG / Design Details

Dancoo DCG measures just one metre in width and occupies 0.99 square metres of floor space — yet delivers A-Class soundproofing with an independent ISO 23351-1 test report. The full-glass front facade achieves a level of transparency that is rare in compact phone booths. More importantly, the structure that holds it all together — and the surfaces you see and touch every day — are solid birch plywood. Natural, warm, and built to last.



The exterior finish is powder-coated steel, stamped in a single piece and attached to the structure with integrated magnets. The door frame is crafted from HPL-faced birch plywood — cut from a single sheet — paired with a full-glass door leaf. Together with acoustic laminated glass, they form the structural support and speech privacy control.

Interior panels are PET acoustic material, and the floor is covered with anti-static, stain-resistant low-loop pile carpet. The entire framework is pre-assembled at the factory, ensuring lasting precision and decades of reliable use — natural, warm, and built to last.



Zero-Joint Front Facade

— The door frame is cut from a single sheet of HPL faced birch plywood — zero seams, zero visible joint lines. Available in white, grey, and any colour from our extensive colour catalogue.



Ultra-thin Natural Lighting

— Ultra-thin LED ceiling and video lights deliver 500 lux on the desktop with CRI ≥ 90 — true colour rendition that makes you look your best on video calls.



PET Wrapped Desk with Intuitive Control

— The custom-designed table is wrapped in PET felt beneath the work surface, with the intuitive UI touchscreen, power outlets, and charging ports all conveniently positioned alongside. Comfortably fitting a laptop is just the start — lighting, ventilation, booking, and power are all within effortless reach.



Full-glass Door Hardware

— The full-glass door lock is tested to 200,000 cycles in accordance with German standards, with hinges available in three matching colour finishes — natural anodised, black, and white.

Note on full-glass door: Over time, minor bubbles may appear around the hinges due to stress concentration — this does not affect the door's function or acoustic performance. Should you wish to avoid this, toughened safety glass is available (~ 2 dB insulation), please specify at time of order.

Dancoo DCG / Color Options

Dancoo Standard Color



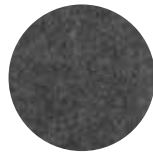
Frame and Table
Standard White HPL



Exterior RAL 9016
Standard White



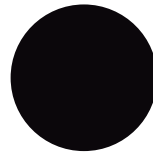
Carpet
Standard Warm



Interior PET Felt
Standard Dark Grey



Carpet
Standard Dark Grey



Exterior RAL 9005
Standard Black

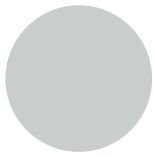


Frame and Table
Standard Black HPL

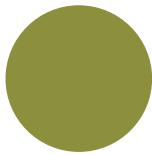
Exterior - Powder Coat Steel



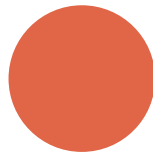
RAL 9016
Standard White



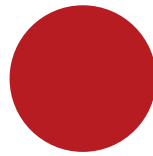
RAL 7035
Light Grey



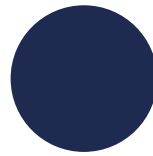
Dancoo Green
Powder Coat



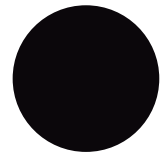
RAL 2012
Salmon Orange



RAL 3020
Traffic Red



RAL 5013
Cobalt Blue



RAL 9005
Standard Black

Frame and Table - HPL



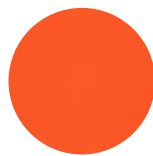
Standard White



F0927 Formica



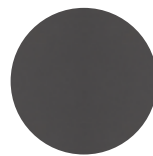
Dancoo Green HPL



F2962 Formica



F1238 Formica



F0806 Formica



Standard Black

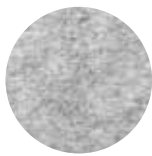
Interior - PET Acoustic Felt



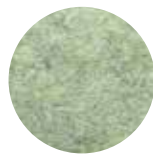
Standard Warm



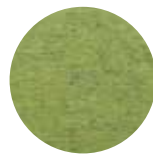
PC2033



FG2125



FPE2120



PG2039



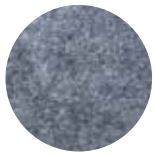
FB2021



PO2019



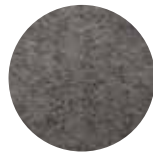
814



FG2032



FPE2121



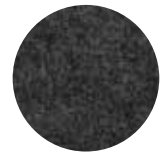
FC2110



PG2018



Standard Dark Grey



A028

Stool Upholstery



Pure Wool
Standard Grey



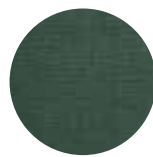
Pure Wool
Standard Warm



DK-12



DK-53



DK-58



DK-43



MIN-21

Standard Smart Control System

Standard on all Dancoo Dawn Family models



High-resolution Touchscreen — Simple, Intuitive Control

The wall-mounted touchscreen integrates control of lighting and ventilation. Desk height is adjusted independently via a pair of mechanical up/down switches mounted directly beneath the screen — no need to navigate through touchscreen menus for height adjustment.

Company Wide Presets — Set Once, Use Everywhere

Tap the logo at the top of the screen five times to enter the administrator settings. This allows facility managers to configure presets that suit the majority of users in your office:

- **Local time** — set the correct time zone for your location
- **Scheduled ventilation** — ventilation can start before working hours and continue after closing, ensuring fresh air even when the pod is unoccupied
- **Default lighting & fan speed** — sets standard brightness and airflow (optimised for low noise), providing a consistent baseline for all users

Personalised Adjustment — When You Need It

Once inside, users can adjust lighting and fan speed to their personal preference. If no adjustment is made, the pod operates at the company-preset defaults — no extra steps required. When the user leaves, the system automatically reverts to the company wide presets, ready for the next user.

Company Logo Display

The screen can display your own company logo — every use reinforces your brand identity.



Optional Desktop Integrated Control Panel

An optional desktop mounted socket with integrated touchscreen offers three smart scene modes — “Phone,” “Work,” and “Relax” — each with preset light and fan combinations, switchable with a single tap. The panel integrates 65W fast charging, multi-standard sockets, and low-voltage module ports — combining scene switching and power delivery into one compact module.

Smart Booking System

Standard hardware on all Dancoo Dawn Family models

Smart Booking — Walk In, Use Instantly

- Advance booking via mobile or PC
- On-site booking and one tap extension via touchscreen
- Three-Colour occupancy light: Green (available) / Yellow (reserved) / Red (occupied)

Book Anytime, Anywhere

Every Dancoo smart pod comes with booking system hardware pre installed as standard. The software is optional — simply specify your requirement at the time of ordering.

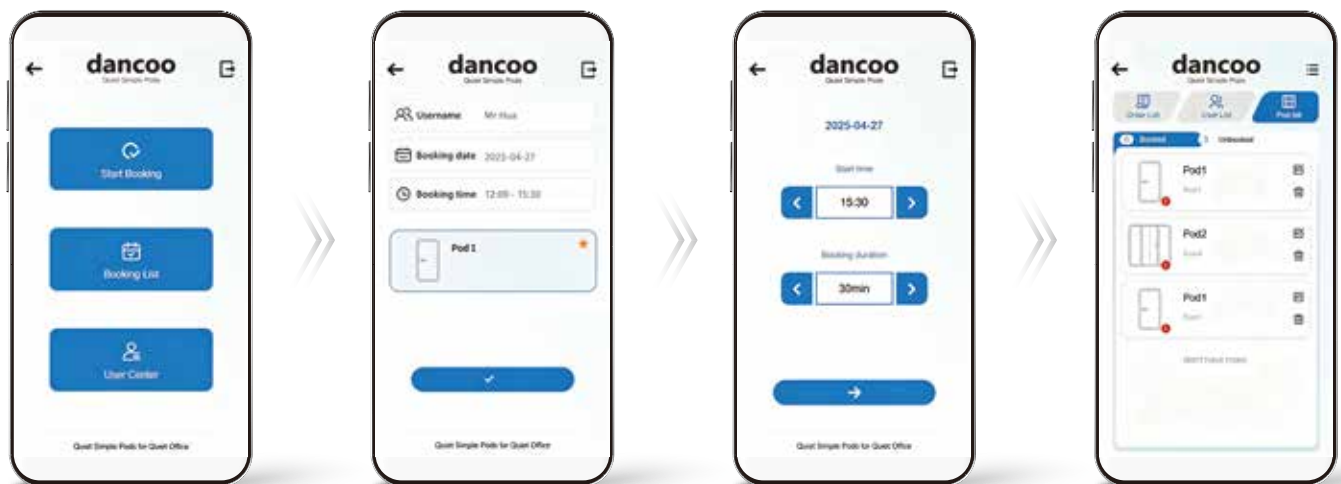
Once activated, the system enables:

- Advance booking via mobile phone or PC — reserve your pod before you arrive
- On-site booking via touchscreen — walk in and book instantly
- One tap extension — extend your session directly from inside the pod
- Three-Colour occupancy light — Green (available) / Yellow (reserved) / Red (occupied)



Simple Software Installation

The management software is installed on your own office computer. Installation is straightforward and we provide full guidance. For added convenience, we can also supply a compact industrial PC with the software pre installed — plug and play, ready to use.



Dancoo DCG / Technical Specifications

I. Performance & Certification

Acoustic Performance

Dancoo DCG is acoustically tested in accordance with ISO 23351-1, achieving **Class A soundproofing (30dB+)** with an independent third-party test report. The pod can be placed adjacent to workstations without compromising speech privacy.

Electrical Safety & Compliance

The complete electrical system of DCG — comprising a **power supply, system control unit (including touchscreen and control circuit board), 2 fans, accent light, round corner panel light, and occupancy light** — has undergone system-level EMC testing. Tests were performed in accordance with **EN IEC 55015:2019+A11:2020 (emission)**, **EN IEC 61547:2023 (immunity)**, **EN IEC 61000-3-2:2019+A1:2021+A2:2024 (harmonics)**, and **EN 61000-3-3:2013+A1:2019+A2:2021 (voltage fluctuations and flicker)**, with testing conducted by **SGS** and compliant reports issued. Additionally, the combination was supplementarily tested for intermittent disturbance (clicks) in accordance with **CISPR 14-1**.

All luminaires used in DCG have been individually safety tested in accordance with the Low-voltage Directive (LVD) **2014/35/EU**. Testing was performed to **EN IEC 60598-1:2024+A11:2024** (general safety requirements for luminaires), **EN IEC 60598-2-1:2021** (particular requirements for fixed general purpose luminaires), **EN IEC 62031:2020+A11:2021** (safety requirements for LED modules), and **EN 61347-2-13:2024** (safety requirements for LED drivers), with compliant reports issued by **SGS**.

Fan CE compliance is based on **LVD Directive 2014/35/EU** and **EMC Directive 2014/30/EU**, with applicable standards including **EN 60335 series**, **EN 62233**, and **EN IEC 55014 series**.

Whole Product Certification

- **SGS Certification:** Class A soundproofing validation with independent **ISO 23351-1** test report
- **CE Compliance:** **LVD 2014/35/EU · EMC 2014/30/EU · EN 60335-1 · EN 62368-1 · EN 61000-6-1/-6-3 · IEC 60598-1**
- **Fire Safety:** **BS EN 13501-1:2018, B s1, d0**
- **Materials:** FSC compliant birch plywood · low-VOC finishes
- **Recyclability:** Modular design for long-term use and end-of-life material recovery

- **Warranty:** 5-year warranty in accordance with Dancoo Warranty Terms 2026

II. Systems & Functions

Ventilation System

The pod is equipped with custom DC brushless (BLDC) fan modules, designed and developed by **Dancoo Denmark A/S** and assessed for CE compliance. The system comprises **2 fans**, delivering a total maximum airflow of **234 CFM (≈397 m³/h)**, with a measured full air exchange time of **56 seconds** (theoretical: 30 seconds). The fans feature dedicated vibration isolation mounts, PWM intelligent stepless speed control, and dual ball bearings, ensuring **70,000-hour** long-life operation. Full-load operating noise is **41.8 dB(A)**. Airflow is adjustable via the touchscreen.

Lighting System

DCG features a modular LED lighting system with a **280×280mm round corner panel light** as the primary ceiling luminaire, delivering **1300 lm, CRI ≥ 90, 4000K** colour temperature, and up to **500 lux** desktop illuminance. A **100×600mm accent light (800 lm)** is wall-mounted to provide optimised facial illumination for video calls. The **Three-Colour occupancy light (RGB, 0.6W)** is optional, mounted on the top exterior of the pod for occupancy status indication.

III. Structure & Materials

Door & Hardware

DCG features a **full-glass door** design. The door frame is crafted from a **single sheet of HPL faced birch plywood — Zero-Joints, zero visible seams** on the front facade. The door leaf is specially engineered **acoustic laminated glass** with a soft interlayer, ensuring sound insulation exceeding 30dB (Class A). The door lock is **EN 12209 certified**, with handles tested to 200,000 cycles. The hinge is a **full-glass door hinge** tested to German standards for 200,000 cycles. The lock body, handle, and hinges are available in **three matching finishes**: natural anodised, black powder coating, and white powder coating. Standard handing is right-handed (hinges on the right when viewed from outside), with left-handed available on request — must be specified at time of order, with additional charges applicable.

Dancoo DCG / Technical Specifications

Note on full-glass door: Over time, minor bubbles may appear around the hinges due to stress concentration — this does not affect the door's function or acoustic performance. Should you wish to avoid this, toughened safety glass is available (-2dB insulation), please specify at time of order.

Materials & Craftsmanship

The exterior finish is **powder-coated steel**, stamped in a single piece and attached to the structure with integrated magnets. The door frame is cut from a single sheet of HPL faced birch plywood. Interior panels are **PET acoustic material**. Carpet is **anti-static, stain-resistant low-loop pile**. The entire structural framework — door frame, window frame, internal structural framework — is constructed entirely from **solid birch plywood**. All frameworks are **pre-assembled at the factory**, guaranteeing that precision is maintained through multiple relocations.

Birch Plywood Raw Material CE Certification

The birch plywood raw material has obtained **CE certification**, confirming compliance with the factory production control (FPC) system requirements specified in **EN 13986:2004+A1:2015** and **EN 636:2012+A1:2015** (**System 2+** certification level), covering three technical classes: EN 636-1 (dry conditions), EN 636-2 (humid conditions), and EN 636-3 (external conditions). The certification has been issued by a competent notified body and is maintained through regular surveillance audits. The supplier holds **FSC Chain of Custody certification (FSC-C141102)**.

Interior Panel Fire Rating

The interior panels have been tested for fire rating in accordance with **EN 13501-1:2018**. Test methods include **EN 13823:2020** (single burning item test) and **EN ISO 11925-2:2020** (small flame ignition test), performed by **SGS**. Fire rating: **B s1, d0** (fire performance Class B, smoke production Class s1, no flaming droplets Class d0).

IV. Configuration & Power

Furniture Configuration

The pod is equipped with a fixed desk, dimensions **65cm (W) × 35cm (D)**, height 103cm, maximum load **50kg**. Seating is optional — a **height-adjustable stool** is available, featuring a 39×39cm seat, height adjustment range **55–78cm**, maximum load **135kg**, with upholstery available in **pure wool or polyester double-structure fabric**.

Power & Consumption

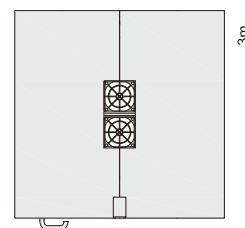
The desk power and data port system is the **Standard (Fit 60mm)** configuration, featuring an integrated multi-standard power socket (configurable per target market), a **25W USB A + USB C charging combo** (shared), and one **Type C data port**.

Default power consumption: **18W** · Maximum: **49W** · Standby (occupancy light included) : **7W** · Input voltage: **100-240VAC**

The pod is equipped with an IEC 320 C14 inlet for mains power connection. A 3-metre detachable power cord is supplied — terminated with an IEC 320 C13 connector at the pod end and a standard mains plug (configurable per target market) at the wall end.

Network exit cable is provided only with the upgraded configuration: upgrade to **Premium (All in 80mm)** provides a **45W USB A + USB C charging combo**, with one **RJ45 network port** as standard plus one spare port. With the upgrade, the network extension cable is 1 metre in length, terminated with an **RJ45 female socket**, and can be extended or terminated with an **RJ45 male connector** upon request.

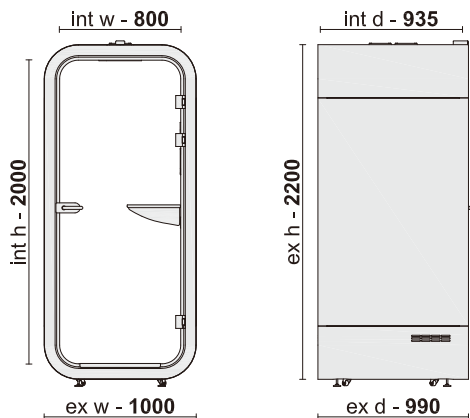
Cable Exit Configuration



3m detachable power cord -IEC 320 C13 connector atpod end, mains plug at wall end

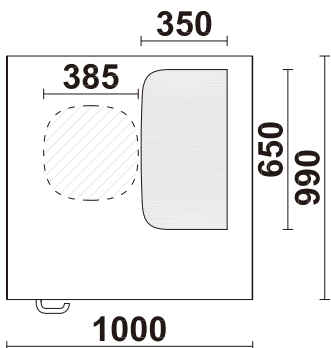
Dancoo DCG / Technical Specifications

V. Physical Dimensions & Packaging



Exterior (cm)		Interior (cm)	
Height	220	Height	200
Width	100	Width	80
Depth	99	Depth	93.5
Doorway (cm)		Operating Space (cm)	
Height	204.6	Height	220
Width	84.6	Width	175.6
		Depth	182.2
Crate Size (cm)		Weight & Volume	
Length	227	Net	348 kg
Width	86.6	Gross	458 kg
Height	105	Volume	2.0 m ³
Container Loading		Table (cm)	
20' GP	12 pods	Height	103
40' GP	24 pods	Width	65
40' HQ	24 pods	Depth	35

Dimensions / Top View



VI. SAFETY

Fire safety

No fire-hazardous materials are used in Dancoo soundproof pods, All surface materials, and soundproofing materials have undergone testing and classification for fire safety by national or international standards.

Dancoo provides additional safety measures to comply with local regulatory requirements.

Fire Safety Service Openings

The top of the pod provides fire safety service openings for the installation of **sprinklers, emergency warning and intercommunication system (EWIS) speakers, and smoke detectors**. These openings must be specified by the customer at the time of order. Dancoo will provide drawings indicating the permitted areas for openings, allowing customers to select the preferred locations. If not specified at the time of order, the product will be shipped without any pre drilled openings.

Seismic safety

An optional seismic anchoring kit for a pod is available for the seismic regions. The kit consists

of brackets that further reinforce the pod structure to withstand heavy seismic forces.

Note: The crate base skids are designed with a height of 5cm (instead of the typical 9cm) to allow two pods to be stacked inside a 40-foot high-cube container. The stated crate height excludes the 5cm skid height. The skid openings are positioned for fork operation along the width direction only. If operation from both the width and length directions is required, this must be specified at the time of order.

Dancoo DCG / Family

A Member of the Dancoo Dawn Family

Dancoo DCG is one of twelve configurations in the Dawn Family — a product family unified by six shared commitments and a single material philosophy: solid birch plywood as the structural core, creating warmth in an office environment dominated by steel and aluminium.

The Six Genes of Dancoo — shared by every Dawn Family product:

Third-party Acoustic Reports — Each model comes with its own independent ISO 23351-1 test report.

Zero-Joint Design — Front door and frame are crafted from a single sheet of material — no seams, no visible lines. Available in white, grey, and more

Full Birch Plywood Structure — Door frames, door leaves, window frames, internal structures — all in solid birch plywood. Dancoo builds warmer, more natural environments with birch.

Secure Smart System — 100% of usage data is processed on-site, within your own infrastructure. No cloud. No third parties.

Natural Lighting System — CRI $\geq$ 90. Custom-engineered fixtures — panel lights as thin as 14mm.

Modular Pre-Assembly — Walls, ceiling, electrical systems, interior finishes — fully pre-assembled at the factory into complete modules. On-site installation is reduced to connecting a few modules.

One Family. Twelve Configurations. One Standard.

DC · DCG · DP · DS · DH · DHG · DL · DLG · 2S · 2D · 2S2 · 2S2G

From compact phone booths to spacious meeting pods, from HPL faced birch to full-glass doors, the Dawn Family covers the full spectrum of individual and collaborative work — all built around a single material philosophy: birch as the structural core, creating warmth in an office environment dominated by steel and aluminium.

Dancoo DCG — one of twelve. One standard. One family.



Dancoo Dawn Family

DC

— Compact phone booth. Fixed table. Optional seat. HPL faced birch door with framed glass.



DCG

— Compact phone booth. Fixed table. Optional seat. Full-glass door for transparency and modern aesthetics.



2S

— Flex pod. One footprint, two functions — workstation or meeting room. Fixed table (swappable between modes). Just 2.48m².



DS

— Standard workstation. Electric height-adjustable table. No seat included — for standing work or your own chair. Edge-free apple-curve LED (408×408mm).



DH

— Hardened workstation. Fixed table. Optional height-adjustable seat. Round corner LED panel (408×408mm). Durable for high-traffic areas.



2D

— Double-door meeting pod. Two doors with a central pillar. Spacious interior. Standard table. Dual sofas. Double the comfort.



DP

— Premium workstation. Electric height-adjustable table. Height-adjustable stool with dual footrests. Edge-free apple-curve LED (408×408mm).



DHG

— Hardened workstation with full-glass door. Fixed table. Optional height-adjustable seat. Round corner LED panel (408×408mm). Transparent and inviting.



2S2

— Symmetrical meeting pod. Face-to-face layout. Standard table. Dual sofas. Rectangular LED panel (850×180mm).



DL

— Lounge Workstation. Sofa (60×84cm, seat width 45cm) included. Fixed table (height-adjustable optional). Edge-free apple-curve LED (408×408mm). Genuine lounge comfort.



DLG

— Lounge Workstation · Glass Door. Sofa (60×84cm, seat width 45cm) included. Fixed table (height-adjustable optional). Oversized flat LED panel (408×408mm). Genuine lounge comfort.



2S2G

— Symmetrical meeting pod with full-glass doors. Face-to-face layout. Standard table. Dual sofas. Rectangular LED panel (850×180mm). Transparent and modern.

