

Categories

Waiting Chairs

- A.2.1.** The cross beam of the IKAROS N system is manufactured from a **rectangular steel hollow section measuring 80 × 40 × 3 mm**, forming the main horizontal load-bearing element of the metal frame. This construction provides the required rigidity, stability and mechanical strength of the system during use.
- A.2.2.** The **legs, armrests and fixing connectors** of the system are manufactured from **die-cast aluminium**, providing high mechanical strength combined with reduced weight and a high-quality aesthetic appearance.
The legs are equipped with **levelling adjusters**, allowing the system to be levelled and adapted to minor irregularities in the floor surface. The adjusters are fitted with plastic end caps, protecting the floor against scratches and damage during use.
- A.2.3.** In configurations where the system is intended for **floor anchoring or wall mounting**, special brackets are provided. These brackets are manufactured from the same **80 × 40 × 3 mm rectangular steel hollow section** used for the cross beam. The use of the same hollow section ensures structural consistency and adequate mechanical strength at the support points.
- A.2.4.** The **armrests of the IKAROS N** can be installed both at the outer ends of the system and **between individual seats of the bench**. This feature provides flexibility in the arrangement of seating positions and allows the configuration to be adapted to the requirements of the intended application.
- A.2.5.** The IKAROS N seat, consisting of an **integral seat-and-backrest shell**, is manufactured from **1.5 mm thick perforated steel sheet**.
The steel sheet incorporates **4 mm diameter perforations**, suitably distributed across the surface of the shell. For aesthetic reasons, an **unperforated perimeter area** is maintained around the edge, creating a clean and uniform outline of the seat and backrest.
- A.2.6.** The formed seat and backrest shells are supported by **two lateral guides**, manufactured from a specially designed **15 × 37 mm aluminium profile**.
The lateral guides are internally reinforced with a **solid steel bar measuring 12 × 20 mm**, increasing the rigidity and mechanical strength of the assembly. The ends of the guides are fitted with **metal clamping end caps**, completing and protecting the construction.

In the seat area, special **4 mm thick formed steel-sheet support plates** are screwed to the underside of the lateral guides. These support plates are used to secure the seats to the metal frame by means of bolted connections and standard tools, allowing convenient assembly, disassembly and maintenance of the system.

A.2.7. Dimensions

Seat dimensions:

- Width: **570 mm**
- Depth: **480 mm**

Backrest dimensions:

- Width: **570 mm**
- Height: **490 mm**

Seat height from floor: 460 mm

Backrest height from floor: 820 mm

A.2.8. All metal components of the IKAROS N system, including the steel and aluminium components, are finished with **electrostatic powder coating**, providing a uniform and durable surface finish and enhanced protection of the metal surfaces against normal wear and use.

A.2.9. The seat and backrest of the IKAROS N chairs can be fitted with an **upholstered cushion made of 20 mm thick moulded polyurethane foam**, providing enhanced seating comfort and improved ergonomic performance.
The final upholstery may be manufactured in **fabric or leather**, selected by the customer from the available **DROMEAS** colour range.

A.2.10. IKAROS N seating systems can be **connected to one another** using special articulated metal connectors. This allows continuous seating arrangements to be created in a **straight configuration or at angles ranging from 90° to 270°**, enabling different spatial layouts according to the requirements of the installation area. The articulated connectors provide secure connection between the individual benches and allow the creation of straight, angular or more complex seating configurations.

A.2.11. IKAROS N seating systems provide the option of installing **tables or auxiliary working surfaces** in different positions, depending on the configuration of the system.

The tables can be installed in the following ways:

- by **replacing a seating position**, either between the remaining seats or at the end of the bench,



- at the **extension of the bench**, as an additional working surface,
- **between connected benches**, secured to the articulated metal connectors.

This configuration allows the system to be adapted to different functional requirements and enables combinations of seating positions and working surfaces to be created.

A.2.12. The tables are available in different shapes and dimensions, allowing them to be integrated into the various configurations of the IKAROS N system.

The available configurations are:

- **Rectangular:** 51 × 57 cm, in wood or metal.
- **Rectangular:** 60 × 30 cm, in wood or metal.
- **Circular:** Ø60 cm, in wood.
- **Oval:** 60 × 45 cm, in wood.

A.2.13. The wooden table surfaces can be manufactured from **low-emission E0.5 MDF** or **low-emission E0.5 particleboard**, with a final **melamine or laminate finish**. Alternatively, the tables can be manufactured from **perforated steel sheet**, according to the selected configuration and the requirements of the application.

