Atlas

Categories

A. Working Chair

A.1.1. The chair is equipped with a five-star base with a diameter of **660 mm**, manufactured from high-strength die-cast aluminium. The base is available either with an electrostatic powder-coated finish or in a polished aluminium finish.

A.1.2. The chair is fitted with **twin castors** made of reinforced thermoplastic polyamide, with polyamide covers, ensuring smooth and quiet movement.

A.1.3. Seat height adjustment is achieved by means of a **gas lift**, operated by an ergonomic lever located underneath the seat. The seat height adjustment range is **120 mm**, ensuring easy adaptation to the user's requirements.

A.1.4. The chair is equipped with a **Synchro** tilt mechanism, manufactured from die-cast aluminium and high-strength steel components. The mechanism provides synchronized reclining of the seat by **11°** and the backrest by **18°**, with the possibility of locking in **five (5)** different positions. It incorporates an **Anti-Panic** safety system as well as a tension adjustment system, allowing the reclining force to be adapted to the user's body weight for balanced movement. The reclining function is activated and deactivated through the same lever used for seat height adjustment, while the tilt tension is adjusted by means of a rotary knob located underneath the centre of the mechanism.

A.1.5. The seat is manufactured from **12 mm** thick solid pressed plywood. A moulded high-density polyurethane foam cushion is mounted on the seat and upholstered in fabric or natural/artificial leather selected from the DROMEAS colour collection, providing enhanced comfort and durability.

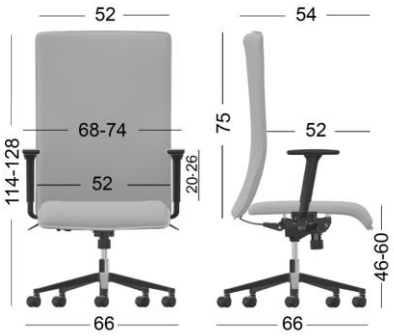
Seat dimensions:

- Width: **530 mm**
- Depth: **530 mm**

A.1.6. The backrest features an ergonomic frame manufactured from formed and welded high-strength steel profiles. The frame is fitted with an elastic mesh fabric, over which high-density polyurethane foam is applied, ensuring maximum comfort and ergonomic support. The backrest is connected to the tilt mechanism by means of a high-strength steel bracket.

Backrest dimensions:

- Width: **530 mm**
- Height: **700 mm**



A.1.7. The armrests are manufactured from thermoplastic polyamide and are fixed to the seat support structure by means of high-strength die-cast aluminium brackets. They feature independent height adjustment with a range of **70 mm**, providing a height above the seat from **180 mm** to **245 mm**. The arm pads measure **245 × 90 mm** and can be rotated by **±15°**. The contact surface is made of medium-density moulded polyurethane, ensuring enhanced comfort and ergonomic support. In addition, the arm pads can be adjusted forwards and backwards with **seven (7)** locking positions (six adjustment increments) and feature width adjustment within a range of **520–570 mm**, allowing optimum adaptation to the user's requirements.

Product Certifications:

DIN 4573:2019 - Seatings for persons with a higher user weight – Safety requirements and test methods

