Pyla Mesh is the combined result of engineering skill, quality and experience. It unites ergonomic functionality with technical elegance. The sinuous and dynamic shape of the load-bearing structure in die-cast aluminum gives the chair a characterizing appearance, while the thin plastic frame of the backrest and the mesh upholstery give a sense of lightness and functionality. Pyla Mesh strictly adheres to functional requirements and eschews structurally superfluous elements.

The die-cast aluminum structure supports the back shell, fixes the 4D adjustable armrests and supports the sliding of the adjustable lumbar support. The structure is connected to the synchronized tilting mechanism and transmits the geometry of the movement to the back and seat. The backrest is covered in mesh. Available on four-star base on glides or five-star base on castors.
Specifications

1. **Supporting structure**: The rear structure in die-cast aluminum ensures maximum torsional strength, supports the backrest shell, fixes the armrests and transmits the movement geometry to the backrest and seat. Available with two backrest heights and in three different finishes: polished, chromed or painted.

2. **Backrest in mesh**: Frame with techno-polymer structure upholstered with a load-bearing and flexible mesh. 3D mesh sheet (single-color – 100% polyester) or in elastic mesh (two-toned effect - 70% polyester elastomer, 30% polyester). The mesh sheet ensures full breathability and thorough air circulation.

3. **Backrest in fabric**: Frame with techno-polymer structure upholstered in fabric or leather. The sheet has a series of characteristic horizontal stripes and it is suspended in order to distribute the body weight optimally. The leather covering includes an eco-leather back with predetermined color combinations.

4. **Seat cushion**: The cushion consists in a cold-foamed polyurethane, thickness 55 mm, with structural insert in polypropylene. Upholstered in fabric or leather. The foam is approved in class 1M and complies with all safety and comfort standards.

5. **Lumbar support**: Made of plastic material, it automatically increases the tension of the sheet allowing to improve the support of the spine. Adjustable in height with a stroke of 6 cm.

6. **Armrests**: 4D armrests are adjustable in height, depth, width and inclination. The support pads of the armrests are made of integral polyurethane. The armrest support is made of polished or chromed die-cast aluminum or polyamide. Fixed armrests made of die-cast aluminum with finish depending on the structure. Also available without armrests.

7. **Depth of the seat**: The seat depth adjustment is easily activated in seated position by means of an intuitive lever with 6 cm adjustment range.

8. **Height adjustment**: Seat height can be adjusted a maximum of 12 cm with a lever. The gaslift complies to EN16955:2017.

9. **Synchronised tilting mechanism**: Synchronised tilting mechanism with knob which allows to adapt the resistance of the tilting mechanism to the weight and sitting style of the user. The backrest can be locked vertically and in four intermediate positions.

10. **Auto-fit swing mechanism**: Synchronized mechanism with “auto-fit” system for automatic adjustment of the backrest resistance based on the weight of the user. Additional knob for the comfort tension adjustment according to individual preferences. Optional forward adjustment.

11. **Base**: Four or five star base made of die-cast aluminum, with a polished, chromed or painted finish depending on the structure or polyamide dyed in black or light grey. Available with castors or plastic glides and in stool version with footring.

12. **Castors**: In black plastic with soft running surface for use on any type of flooring and a load depending safety brake complies to EN 12529:2001. Diam. 50 mm.

13. **Glides**: In black nylon.
**Dimensions**

- **PM.156** | swivel chair, height adjustable, synchro tilting mechanism, lumbar support and depth seat adjustable
- **PM.156** | swivel chair, height adjustable, synchro tilting mechanism auto-fit, lumbar support and depth seat adjustable
- **PM.256** | swivel chair, height adjustable, lumbar support and depth seat adjustable
- **PM.346** | swivel chair, height adjustable, synchro tilting mechanism, adjustable lumbar support, fixed aluminum armrests
- **PF.146** | swivel chair, height adjustable, synchro tilting mechanism, adjustable lumbar support
- **PF.146** | swivel chair, height adjustable, synchro tilting mechanism, adjustable lumbar support
- **PF.256** | swivel chair, height adjustable, synchro tilting mechanism, lumbar support, depth seat and 4D armrests adjustable
- **PF.346** | swivel chair, height adjustable, synchro tilting mechanism, adjustable lumbar support, fixed aluminum armrests

**SMA.156** | swivel stool, height adjustable, synchro tilting mechanism auto-fit, lumbar support and depth seat adjustable

**SMA.256** | swivel stool, height adjustable, synchro tilting mechanism auto-fit, lumbar support, depth seat and 4D armrests adjustable

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Dimensions

SFA.156 | swivel stool, height adjustable, synchro tilting mechanism auto-fit, lumbar support and depth seat adjustable

SFA.254 | swivel stool, height adjustable, synchro tilting mechanism auto-fit, lumbar support, depth seat and 4D armrests adjustable
Colors & finishes

Structure and base

Aluminum

- 47 | Polished
- 55 | Chromed

Painted aluminum

- 115 | Black
- 095 | Grey

Plastic material

- 115 | Black
- 095 | Grey

Frame

Plastic material

- 115 | Black
- 095 | Grey

Upholstery

Mesh

- Cat. X | Elastic mesh (7 colors)
- Cat. X | Rhythm (9 colors)

Fabric

- Cat. B | Atlantic (14 colors)
- Cat. B | Relax Flex (10 colors)
- Cat. B | Dragon (7 colors)
- Cat. C | Cura (8 colors)
- Cat. C | Fame (7 colors)
- Cat. C | Sortega (10 colors)
- Cat. C | Step (8 colors)
- Cat. C | Step Melange (8 colors)
- Cat. C | Swing (13 colors)
- Cat. F | Breeze (9 colors)
- Cat. F | Breeze fusion (8 colors)
- Cat. F | Fame Hybrid (4 colors)

Leather

- Cat. E | Leather (18 colors)