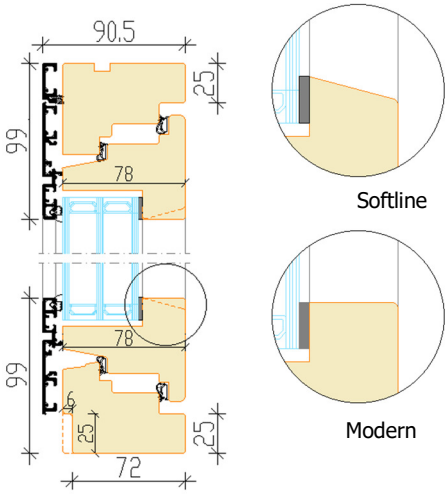
ARU GRUPP

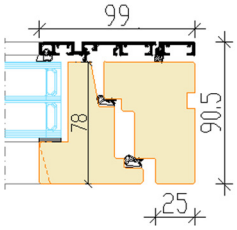
Inward-opening, tilt-and-turn wood-aluminum windows with concealed hinges

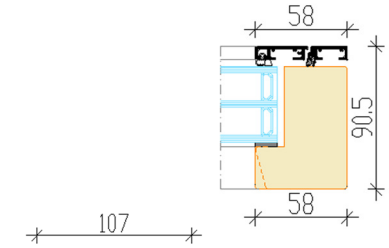
AruAL SlimLine W78FM IN (Modern)
AruAL SlimLine W78FS IN (Softline)

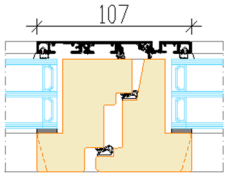




Openable window

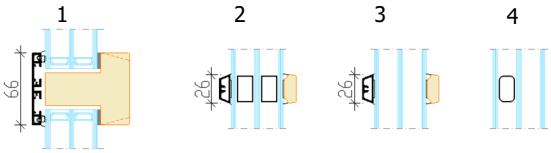






Section without mullion or secondary sash+primary sash

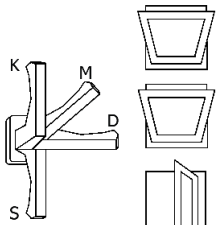
- Made to Measure Sizes
- Good thermal performance—Window Uw 0.73 W/m²K of window 1230x1480 mm, glass Ug-0,47
- Frame thickness 78 mm + aluminium cover
- Sash profile thickness 78 mm + aluminium cover
- Timber selection:
  - fingerjointed or selected laminated pine timber;
  - laminated oak timber
- Timber finishing with waterbased paint or stain. Paint according to RAL color chart, stane according to manufacturer's samples.
- Aluminium cladding - powder coated. Paint according to RAL color chart
- Double or triple glazing, thickness 24-52 mm (Ug>0,47)
- Glazing sealing with gaskets
- Glazing bar option:
  - penetrating glazing bars (1)
  - Vienna glazing bars (Norwegian style) (2)
  - glued-on decorative bars (Georgian style)(3)
  - decorative bars inside the glass unit (4)



- Extras:
  - special glasses (toughened, laminated, sun protection, self cleaning, pattern, etc.), blinds inside the glass unit, different materials and different colors of edge mouldings;
  - tilt first opening (TF);
  - lockable handles, design handles;
  - window boards
- Various combinations with opening and non-opening parts
- Non-opening special-shaped windows



Handle positions:



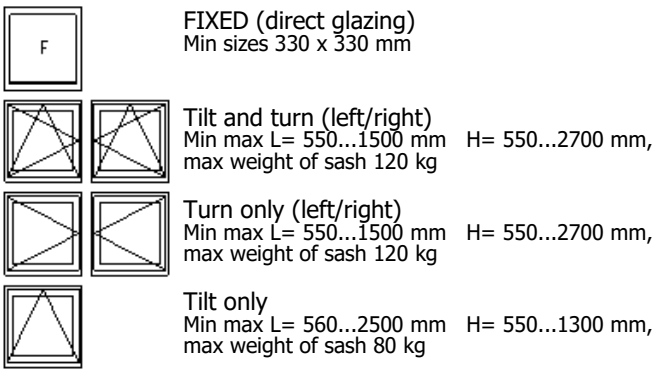
K - Tilt position (ventilation)

M - Microventilation

D - Turn position for quick air exchange or window washing

S - Closed

OPENING:
Inside view



FIXED (direct glazing)
Min sizes 330 x 330 mm

Tilt and turn (left/right)
Min max L= 550...1500 mm H= 550...2700 mm,
max weight of sash 120 kg

Turn only (left/right)
Min max L= 550...1500 mm H= 550...2700 mm,
max weight of sash 120 kg

Tilt only
Min max L= 560...2500 mm H= 550...1300 mm,
max weight of sash 80 kg

NB! Minimum maximum dimensions and opening options also depend on the height and width ratio of the window and other factors. More information from our specialists. Manufacturer has reserved the right to make changes.