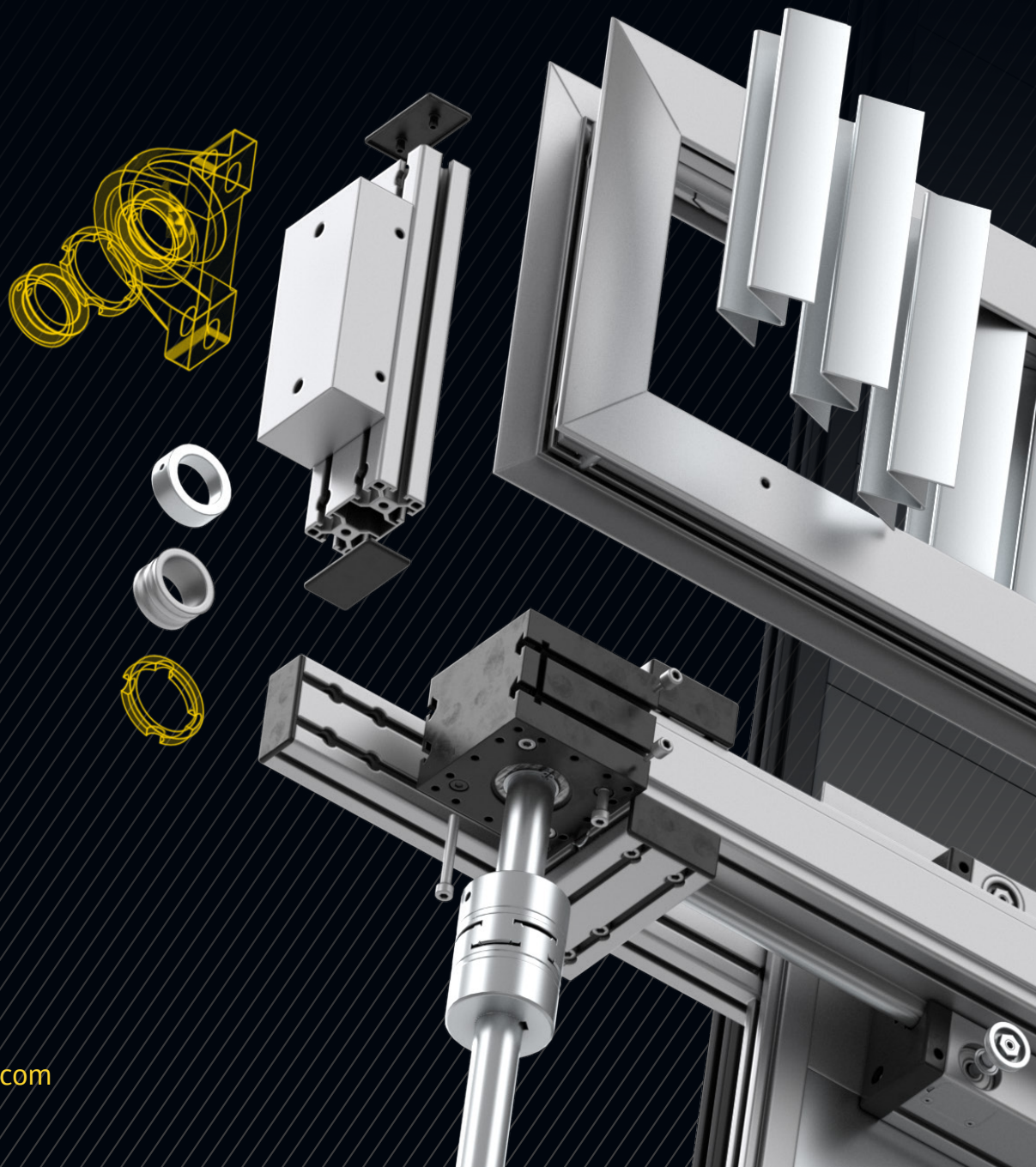


PALETTI

PRECISE, LONG-LASTING, INDIVIDUALLY

LASER TECHNOLOGY



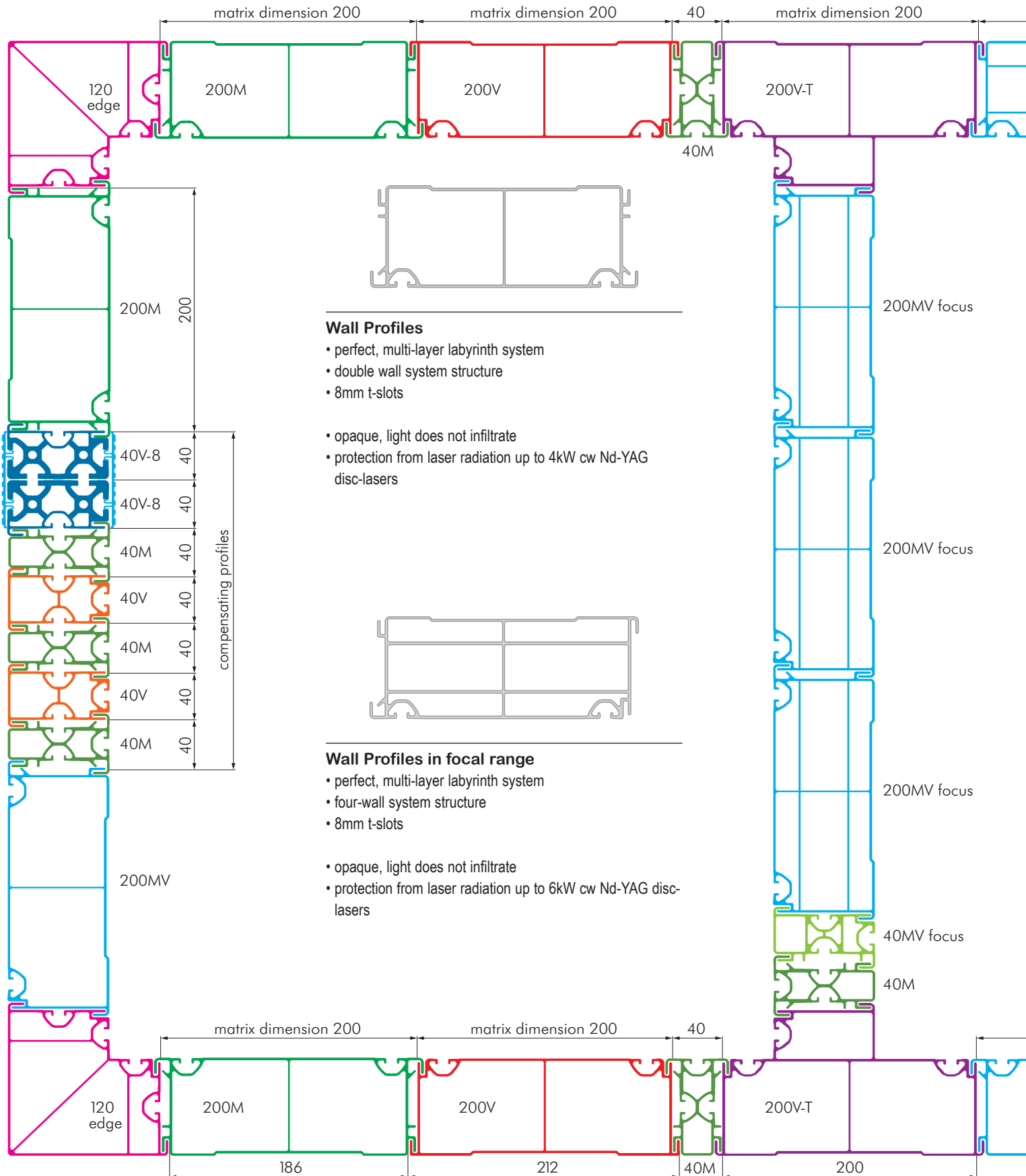


Laser Enclosures

- for 4 kW Nd-YAG lasers
 - 4 kW disc lasers
 - 6 kW disc lasers
 - up to the focal distance (operating point)
 - according to: DIN EN 60825 "Laser Equipment"
 - DIN EN ISO 11553-1:2005
 - "Laser Machining"
- free standing laser enclosures (no additional structural members required)
- self-supporting lengths up to 12 m
- laser enclosure height up to 7,5 m
- enclosure length and width unlimited
- engineered, multi-layer labyrinth system
- innovative design
- double wall structure
- four-wall construction for applications in focal range
- multiple beam systems can be combined within a wall
- corner angles can be infinitely positioned
- standard t-nuts facilitate simple installation of additional components
- fast-moving roll-up, horizontal / vertical rolling and sliding process doors
- automatic part insertion options without disengaging laser
- laser safe exhaust vents
- specially designed hose, pipe and cable entry systems
- patent-protected worldwide

We supply Laser Enclosures for:

wordwide:

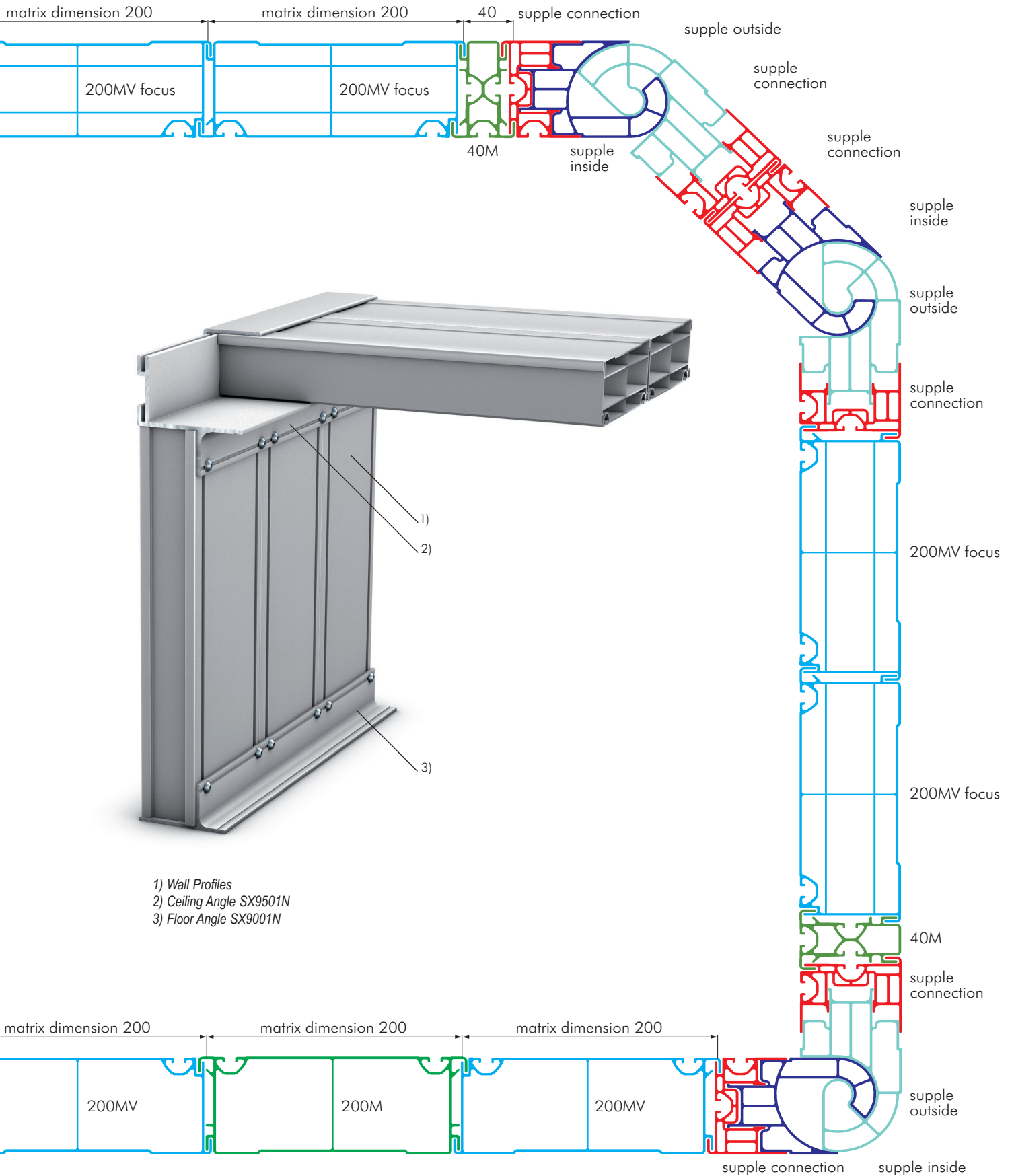


Wall Profiles

- perfect, multi-layer labyrinth system
- double wall system structure
- 8mm t-slots
- opaque, light does not infiltrate
- protection from laser radiation up to 4kW cw Nd-YAG disc-lasers

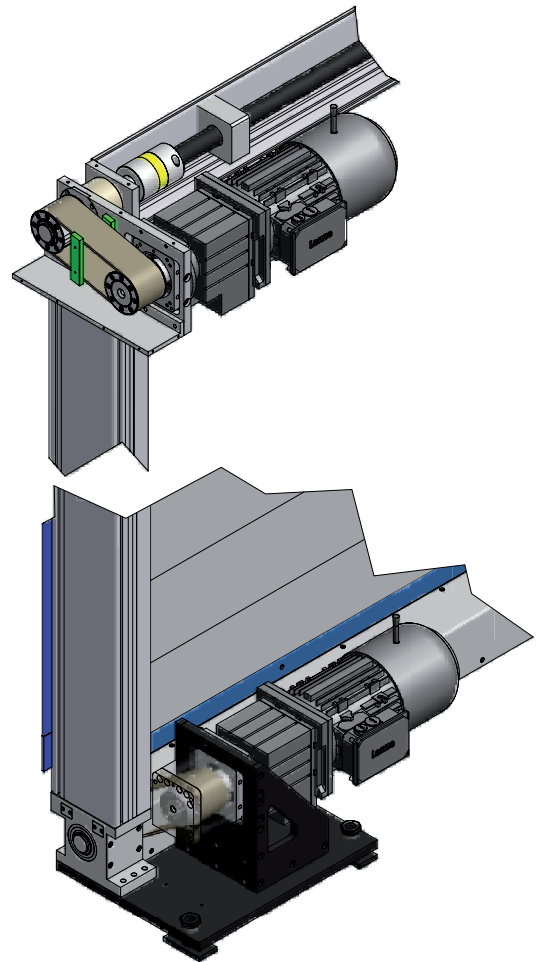
Wall Profiles in focal range

- perfect, multi-layer labyrinth system
- four-wall system structure
- 8mm t-slots
- opaque, light does not infiltrate
- protection from laser radiation up to 6kW cw Nd-YAG disc-lasers

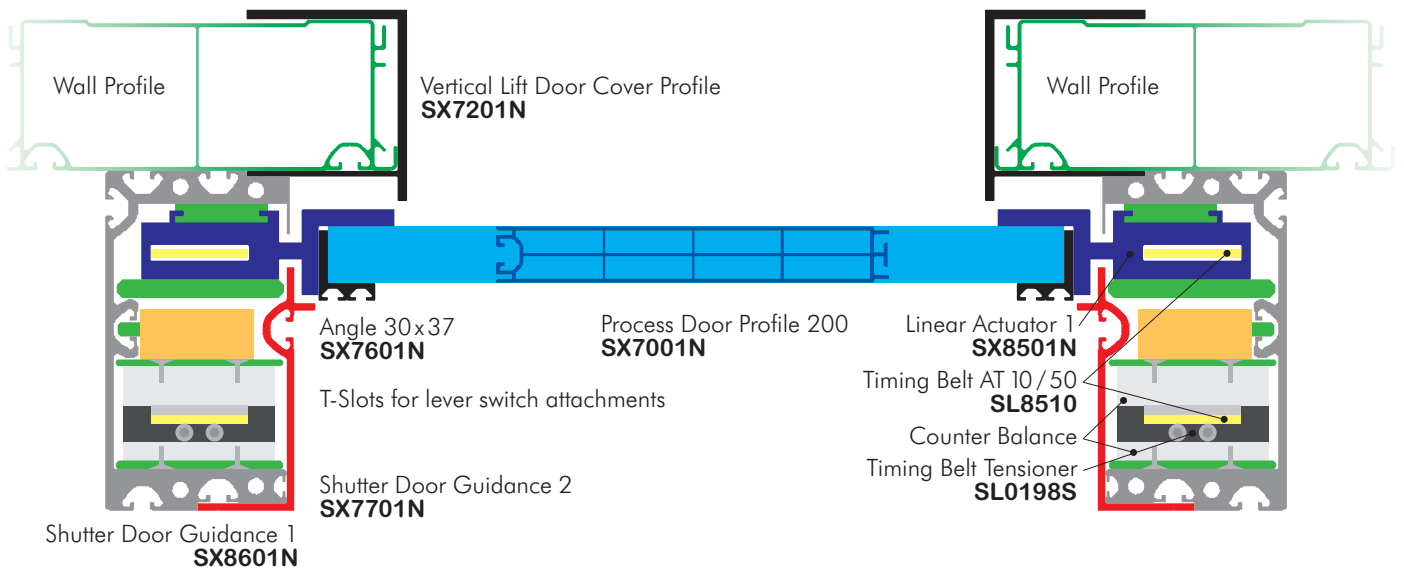




SH2000N



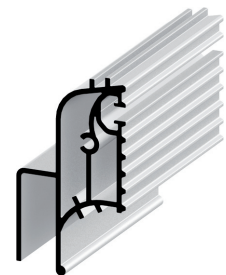
Motor attachment on top or bottom as desired.







Segment Door Profile 120 x 42.5



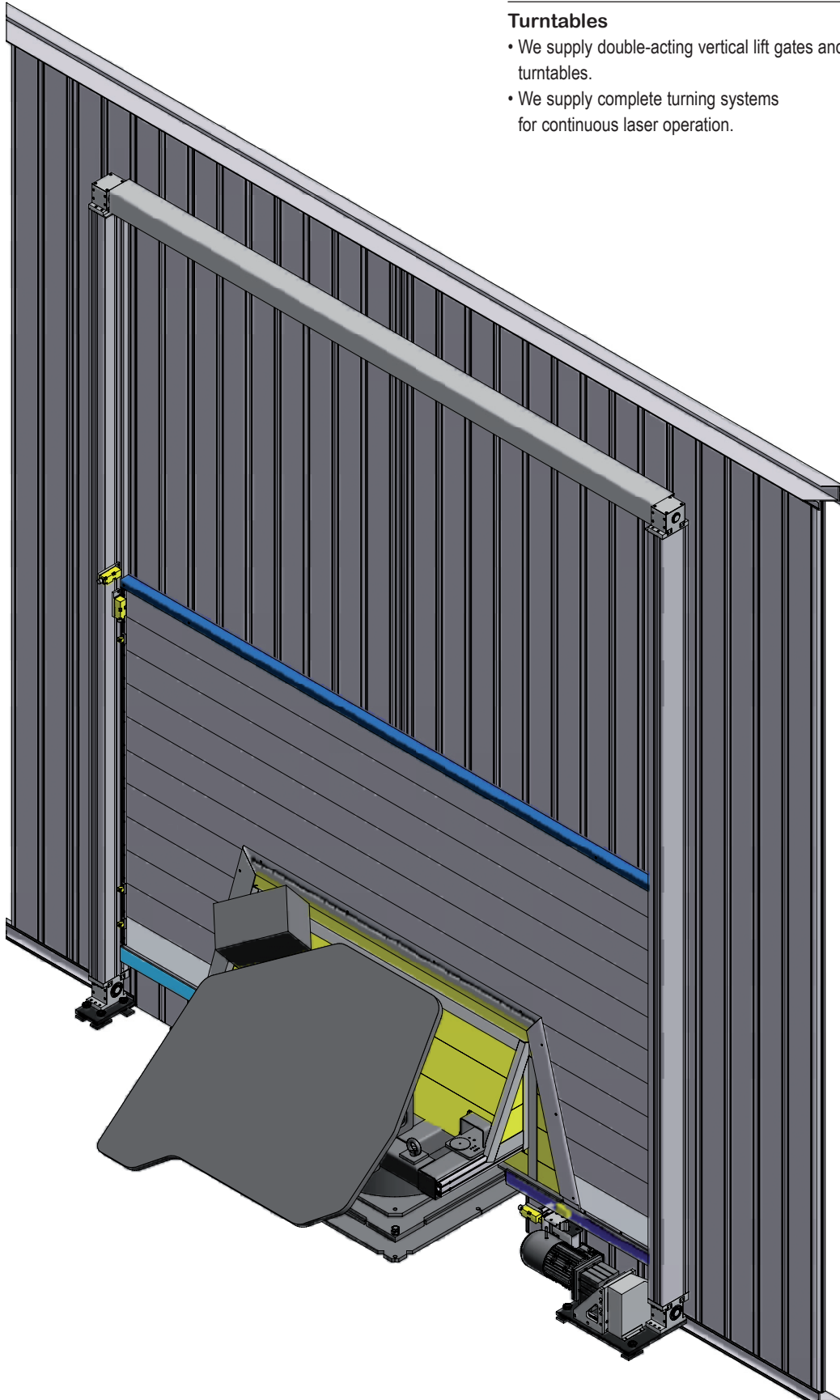
Segment Door Profile 120 x 66.5



Segment Door Profile 80 x 42.5



Timing Belt Clamp Profile

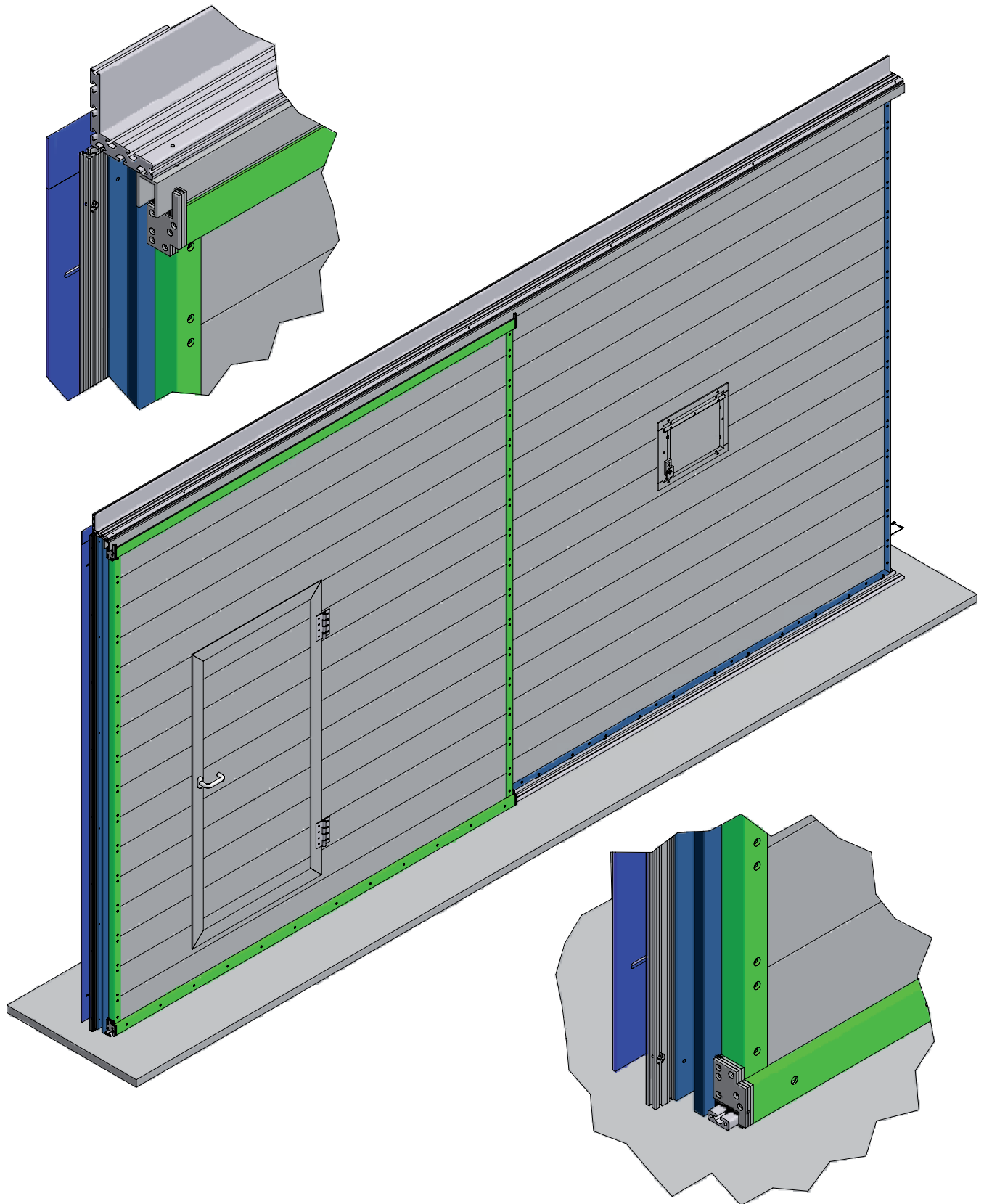


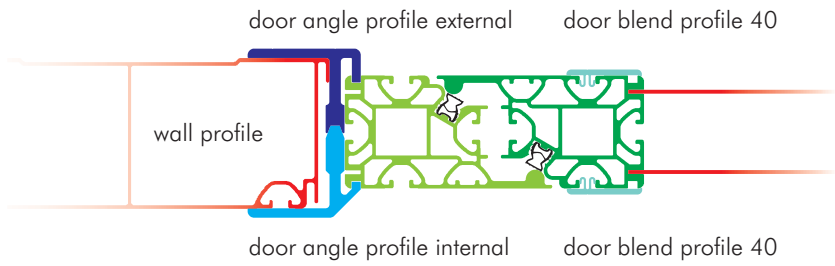
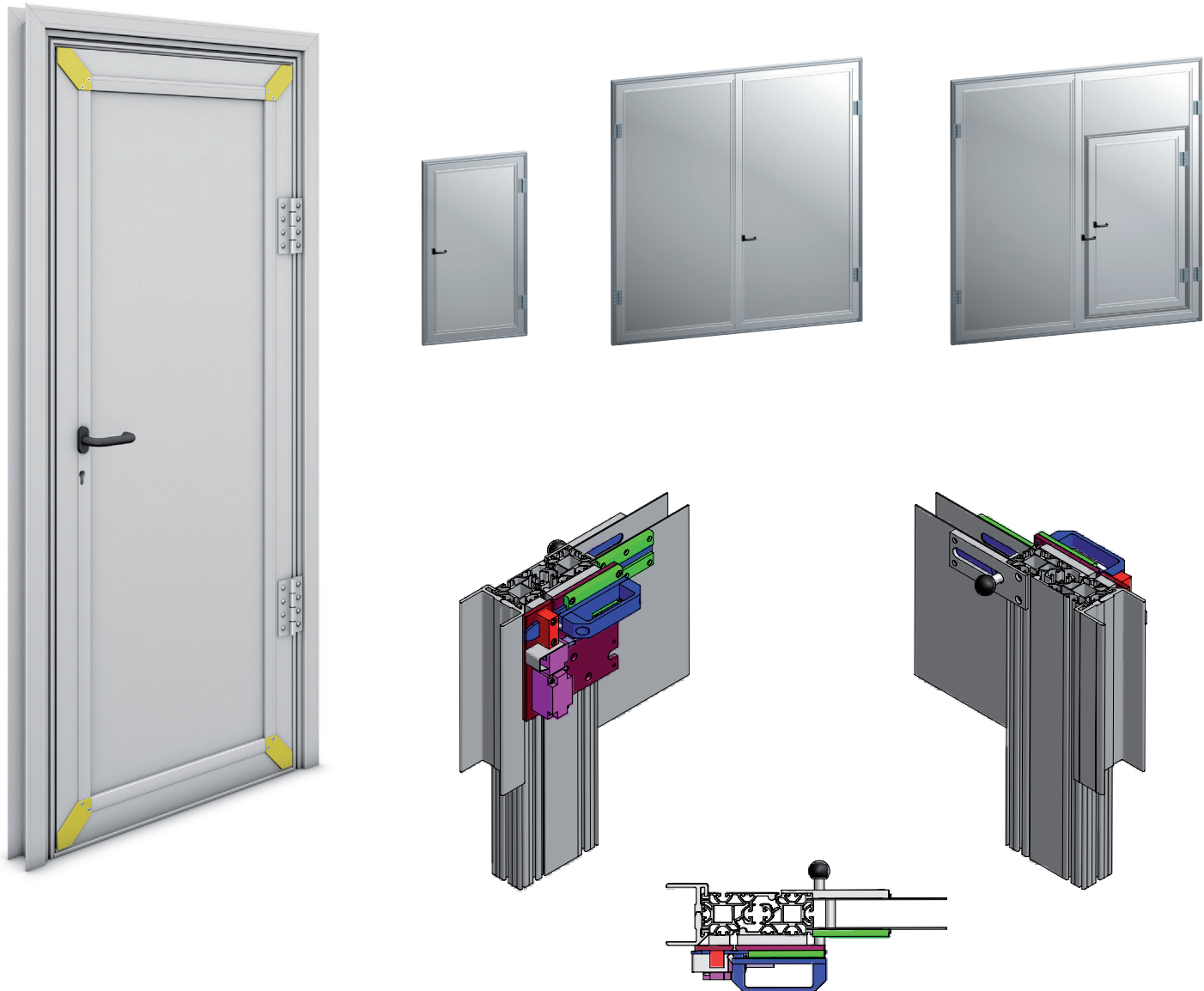
Turntables

- We supply double-acting vertical lift gates and encasements for turntables.
- We supply complete turning systems for continuous laser operation.

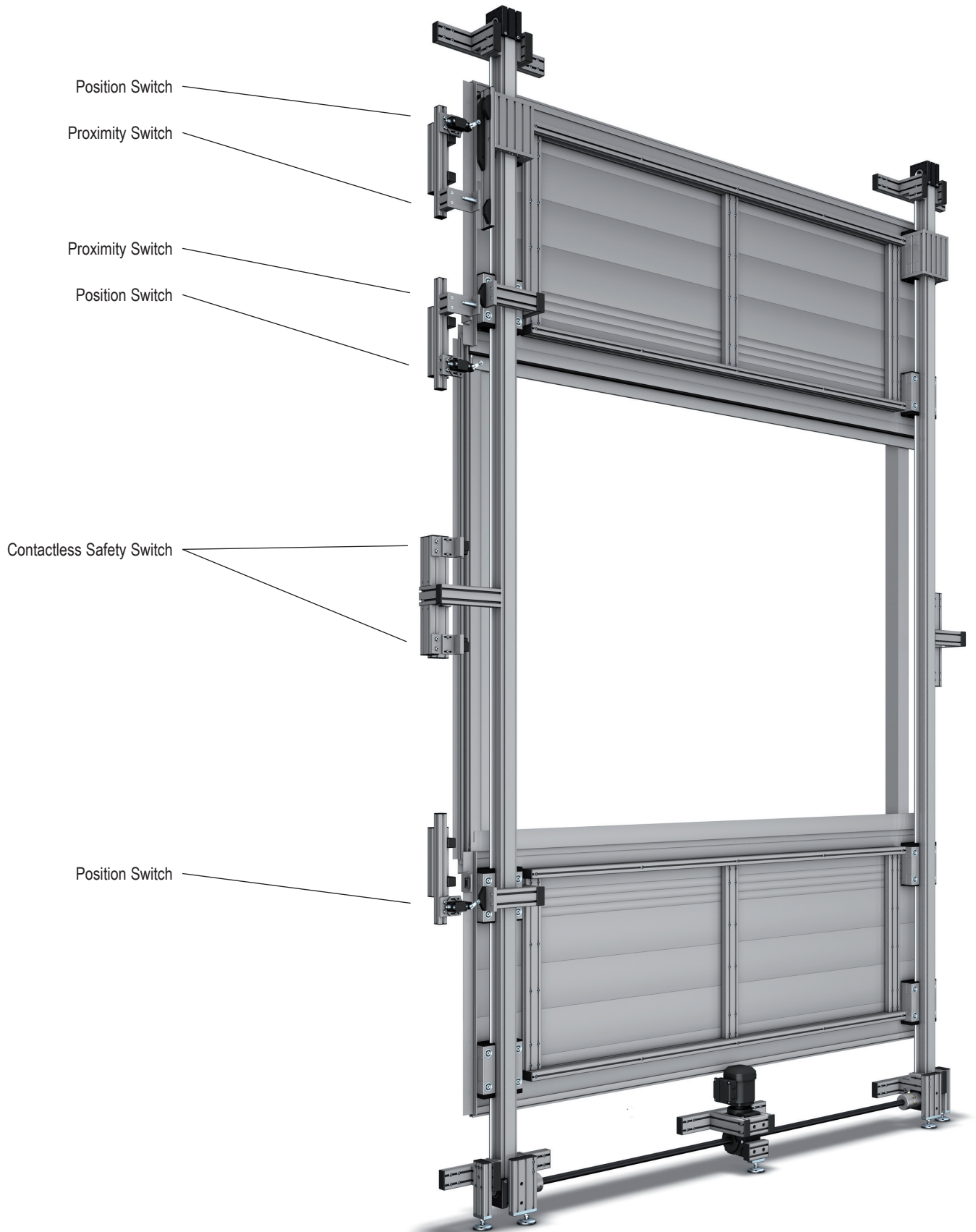
- 1 Laser Technology
- 8 Sliding Process Door with Pedestrian Door

PALETTI

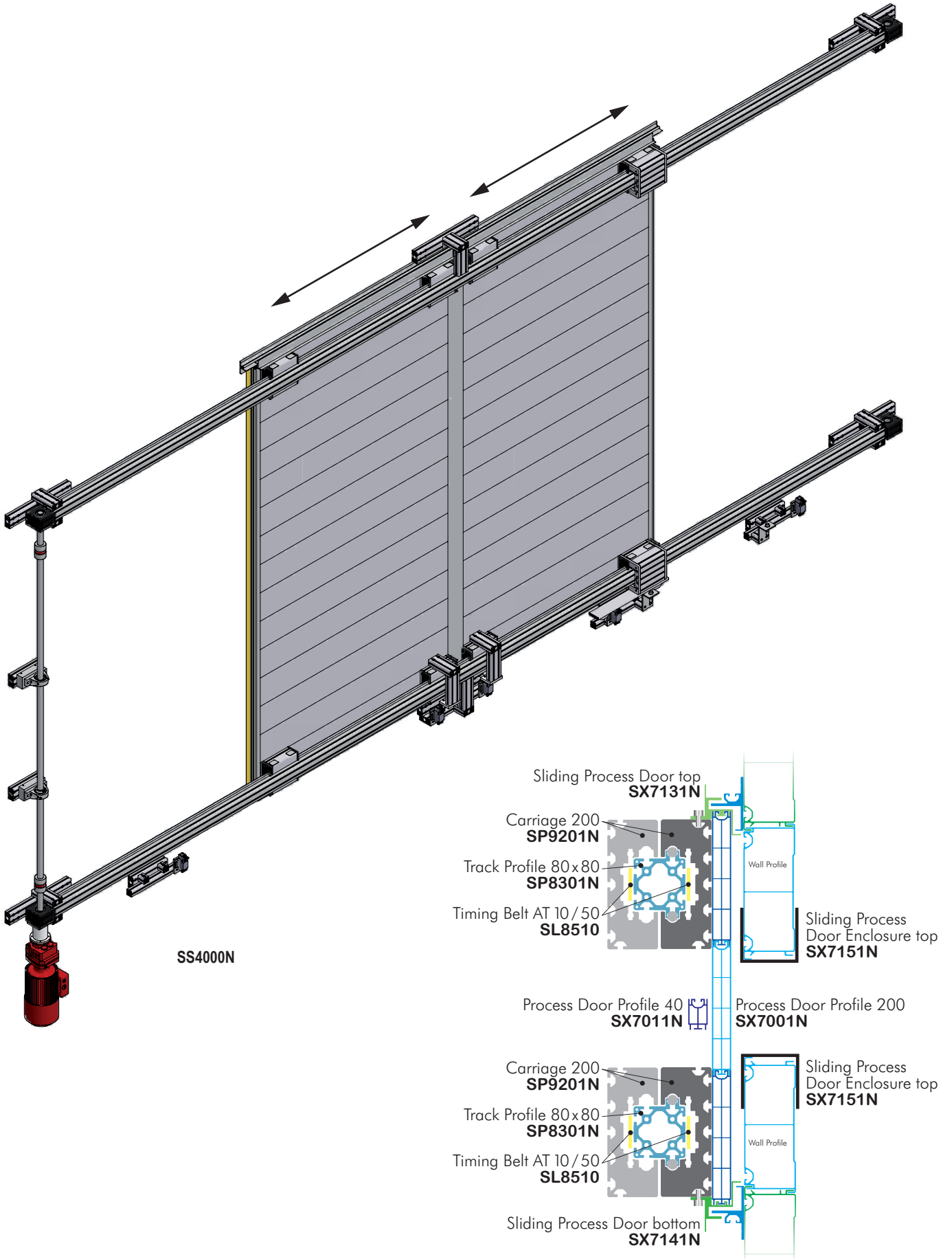


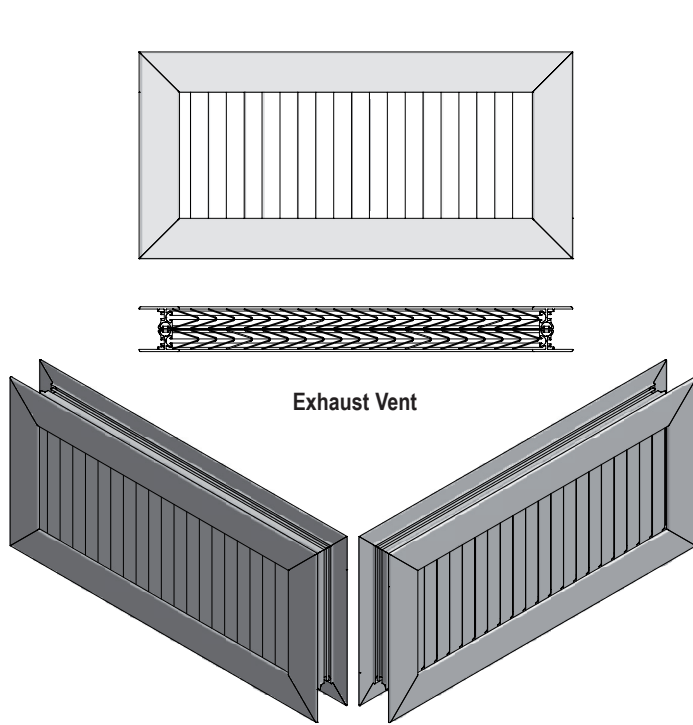


Scale 1:4 | Horizontal Drawing

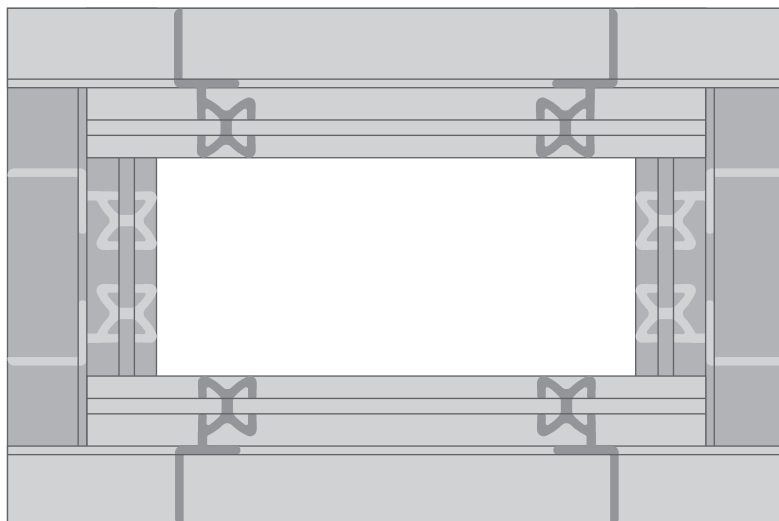
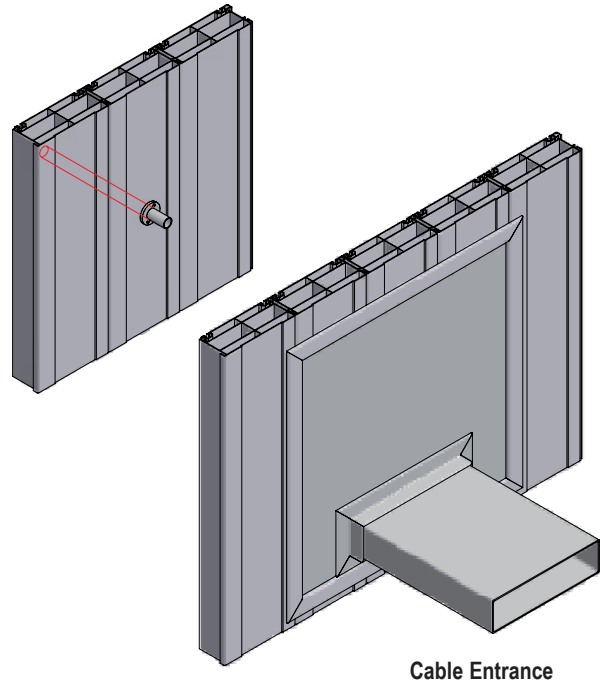


SH3000N





Tube Entrance



Paletti catalogs available on <https://paletti-group.com/media-center/>



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Concept, Design, Realization and Photos

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