

thyssenkrupp
Automotive Body Solutions

Seal application

Plate technology



thyssenkrupp





Proven and flexible – our solution for your comfort

Seals are an important quality criterion in automobile manufacturing and may be of a wide variety of shapes and forms. thyssenkrupp Automotive Body Solutions is a globally active system partner for the application of door seals. Our engineers have been working on new solutions for more than twenty years offering more efficient and flexible assembly procedures. We offer our customers mature and stable technologies and ready-to-run solutions that can be deployed worldwide.

Customer benefits

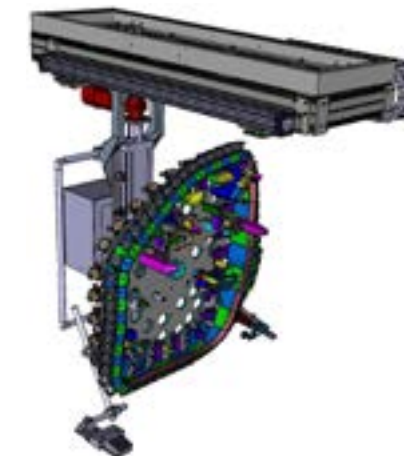
- High plant availability
- Very high process reliability
- Vehicle door remains in the transport hanger - less potential for defects and component damage
- Complex seal layout can be implemented - e.g. tight radii in the lock area
- No constant seal cross-section required along the door - seals with molded parts, molded corners etc. possible
- Wide variety of system concepts - conversion and extension options possible
- Extensive standard catalog to meet product and plant-specific requirements

Characteristics

- Consistent quality of the bonding
- Position of the seal constantly reproducible
- Cycle time > 56 seconds
- Flexibly expandable
- Can be integrated into any existing door assembly line
- Fast type integration and type change
- Ergonomic design of the line
- Delivered pre-set
- Durable
- Gentle on components
- Short delivery times

The most proven variant for the application of door seals is carried out using the plate technique. In this process, a closed sealing ring is placed on a mounting system and glued in the exact position the inner door panel. Application using plate technology is always partially mechanized. The following expansion stages/variants are available, which the customer selects as required:

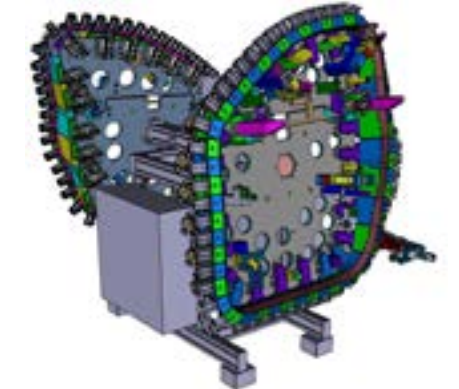
Compact built operating unit with application plate



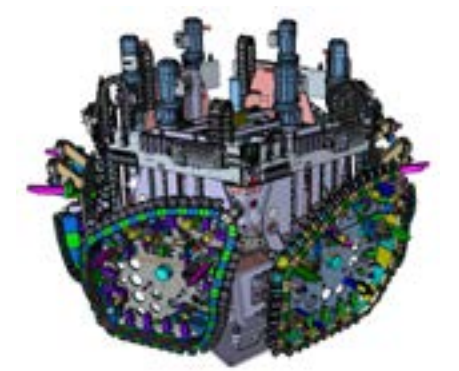
4-fold turntable



Double frame with application plates



6-fold turntable



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