

Requirements



Laser Cutting Machine

→ Sheets sized max. 6x2,5m



Bending machine

→ sheets sized 4m or 6m

Sheet Metal 1 mm, 1,5 mm, 2 - 2,5 mm, 3mm
galvanized or fire aluminized sheets

Special sheet formats would be more cost-effective for a cheaper and faster pre-assembly.

An **off-coil machine** would be an advantage. Provided that the machinery for further processing is available.

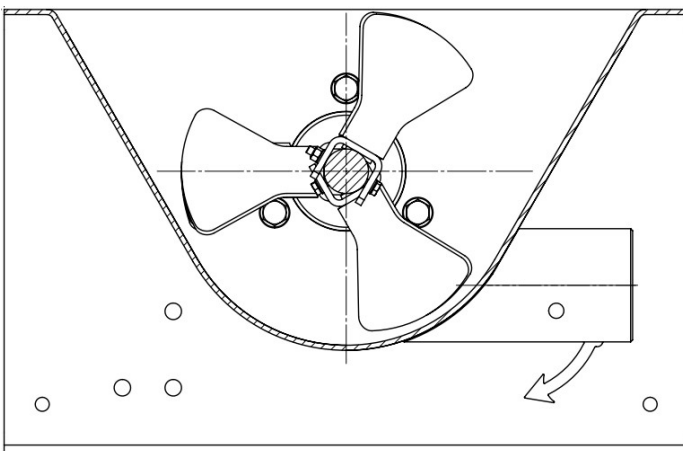
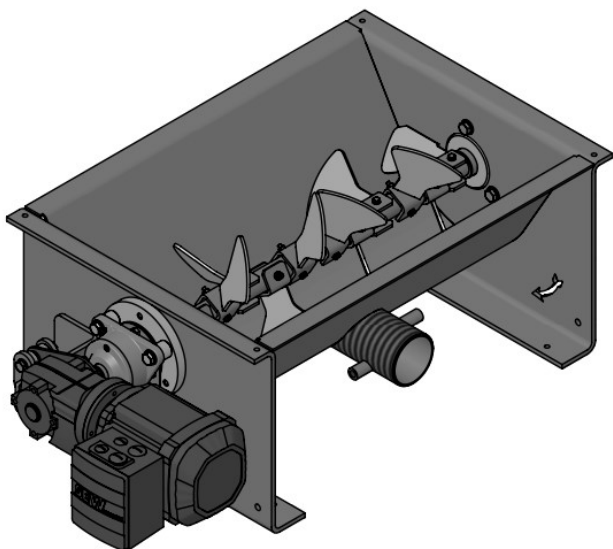
Individual **spot, TIG and MIG-MAG welding** work are partly required. Deburring and rounding the edges as well as after treatment are part of the work process → surface free of splashes and scratches.

In some cases **pre-assembly** of parts in workshop necessary.

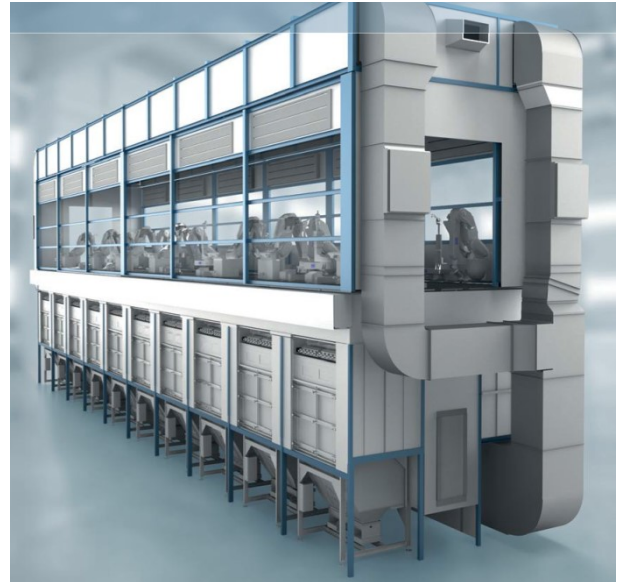
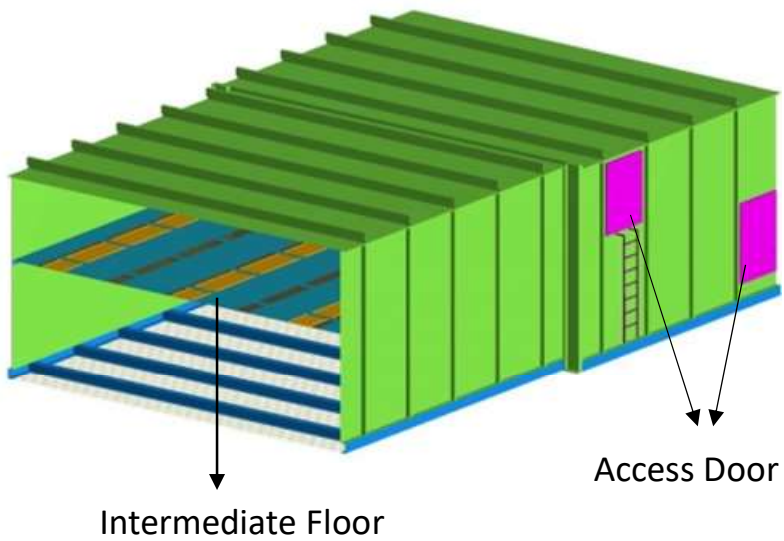
It's required to use **SolidWorks**.

Stiffeners need to be either **welded** or **glued**.

Paddlemixer



Plenum



Housing

