

# **Emergency Ventilator**

## **Mechanical Production:**

We use this machinery for the production:

Laser Cutter, Water Cutter, Lathe, Milling Machine,

Assembly: mit\_e\_vent\_t-slot

1. 120x40x340mm Item Profiles (2Pieces) → Front 1xM8 Thread
2. „Unterplatte“ made from acrylic (5-6mm) (1Piece)
  - a. Laser Cutting
3. „Frontplate“ made from acrylic (10mm) (1Piece)
  - a. Laser Cutting
4. „Backplate“ made from acrylic (8-10mm) (1Piece)
  - a. Laser Cutting
5. „Aluminium\_T-SL“ made from aluminium (8Pieces)
  - a. Water Cutting and Milling Machine
6. „Motor\_and\_Finger\_Mount“ made from aluminium (10mm) (1Piece)
  - a. Water Cutting and Milling Machine
7. „Finger\_Mount“ made from aluminium (10mm) (1Piece)
  - a. Water Cutting and Milling Machine
8. „Finger“ made from aluminium (10mm) (2Pieces)
  - a. Water Cutting
9. „Drivegear“ made from aluminium (10mm) (1Pieces)
  - a. Water Cutting and Milling Machine
10. „Finger\_Tip“ made from acrylic (10mm) (16Pieces)

Source: <https://e-vent.mit.edu/>