



*When it comes to edge welded bellows solutions and related engineering design services, nobody manufactures metal bellows more precise or more reliable.*

## **WHAT WE DO:**

### **CORE COMPETENCES:**

- Stamping of very thin stainless steel plates, from a thickness of **0.05mm up to 0.3mm** out of AM350, 316L, Titanium Gr. 2, Alloy C-276, Haynes Alloy 242, Inconell 718, Monel with a very accurate OD and with or without a very accurate ID
- Stamping of round and non-circular shapes (racetrack, oval, etc.)
- OD from 13mm up to 564mm or even larger if needed
- ID from 6mm up to 506mm or even larger if needed
- Micro plasma welding of the thin stainless steel plates (diaphragms) to diaphragm bellows with ID or gas dampers without ID
- CNC machining of customized end pieces, end rings, washers, etc.
- Micro plasma welding of end pieces and the diaphragm bellows
- TIG welding & Orbital welding of end pieces, tubes
- Manufacturing of complete diaphragm bellows (including end pieces & flanges) for vacuum application with a leakage rate below 10E-9 mbar l/s
- Repair of diaphragm bellows (not just Mewasa bellows; we offer to repair more or less all competitors manufactured bellows also).
  - Assembly of vacuum component sub assemblies.
  - In-House Engineering Design Support of diaphragm bellows applications.

---

*MEWASA Inc., located in Wangs, Switzerland is an ISO 9001 certified company. We position ourselves within the High-Tech Manufacturing Industry completely dedicated to provide only the highest reliable component products, utilizing our Superior Swiss Engineering & Superior Swiss Manufacturing Processes to exceed our customer's expectations.*

