# Cassalobile A FACTORY ON THE GO.



Flexible mini-factory for local and customised production in a container

European companies are facing rapidly changing customer and production requirements. This trend towards mass customisation and make-to-order are leading to small production numbers and requires highly flexible production systems.

CassaMobile aims to provide the local, flexible and environmentally friendly production of highly customised parts. The production system is based on a truly modular architecture allowing rapid adaptation to new requirements. This 'plug & produce' architecture includes mechanical and control system adaption.



## **CassaMobile Container Overview**



A pool of interchangeable process modules enables many different configurations.

The CassaMobile will feature an easy-to-use HMI and software for the direct manufacturing of custom designed products.

### **Use Case Demonstration Products**

CassaMobile will demonstrate a generic mini-factory prototype capable of fulfilling three use cases

#### Local production of bone drill guides



The delivery time of a bone drilling guide takes normally upto 30 of the total time of the processes leading from data capture to surgery. This important bottleneck can be tackled by having local, faster flexible production facilities, which allow fast but high quality production.

#### Local production of individual grippers



With mobile production available, even for clean-room environments, CassaMobile will allow fast and production customised of individual grippers directly at the point of need, taking advantage of new technological advances such as Additive Manufacturing and CNC-milling

#### Local production of orthotics



The distance between clinics and the orthotics fabrication site generates waiting times and multiple patient visits. CassaMobile aims to reduce production time allowing the patient to attend the hospital only once and be supplied within a matter of hours of the original assessment.





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