

DepotMini

A parts separator for statistical process control (SPC) for the purpose of quality inspections



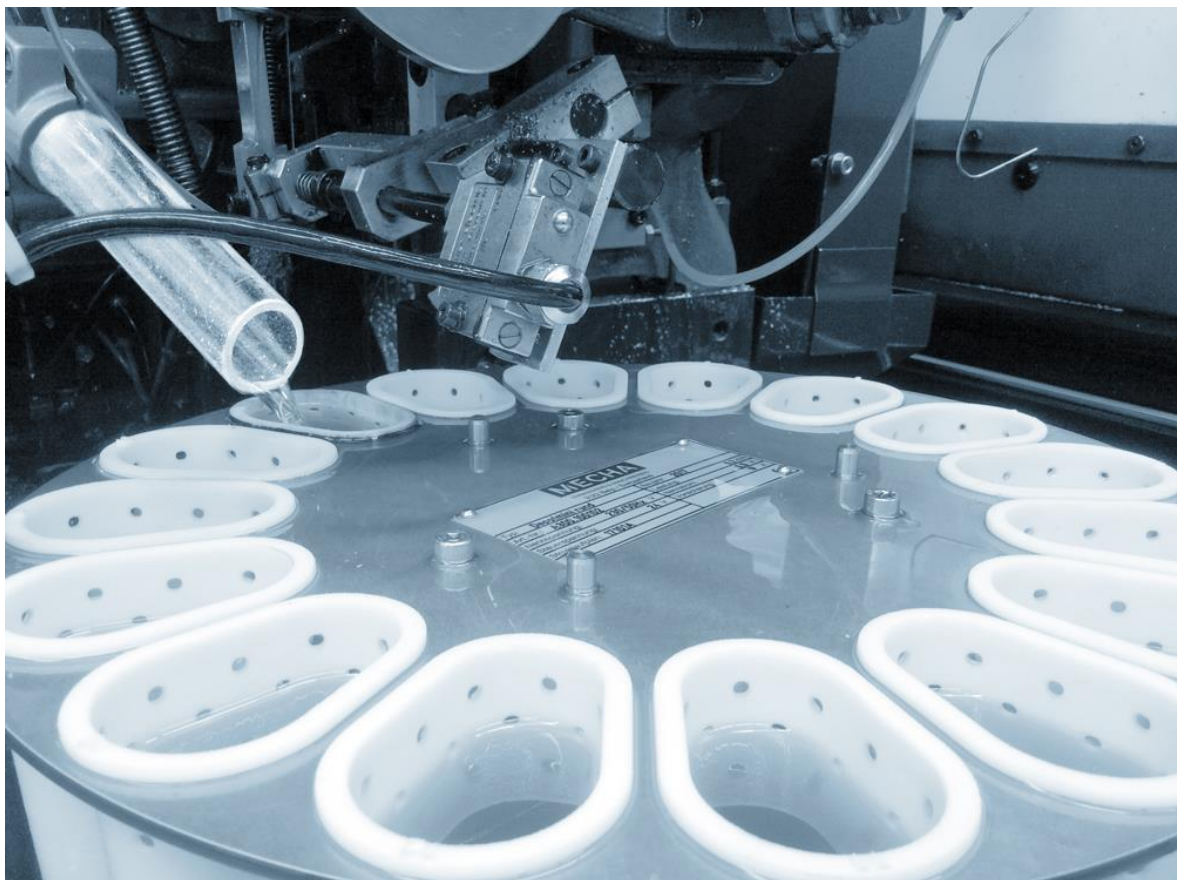
Statistical process control of manufacturing and measuring processes is used to achieve low-variability in the production of micromechanical components and workpieces.

DepotMini is a specially designed parts separator and ensures quality control with traceability of the random sampling. The production process can thereby be adapted in the case of deviations and as required and the desired quality of the workpieces achieved. This allows for a more economical production. The frequency and size of random sampling can be variably set by means of a further sequencing process and enables the measurement control of the random sampling adapted to the requirements.

Compact and small

DepotMini can be integrated into a production process without much expenditure and supports a quality management system.

DepotMini is placed by the workpiece output channel and can be retrofitted to any processing machine. Thanks to its compact design, the **DepotMini** can simply be mounted on a different machine as required. **DepotMini** is available in 2 designs; in version with chain or in a round version as a rotary table. Plastic containers in various different sizes, custom-made, to intake the workpieces and random samples can be attached to both designs and dismantled again for further processing and measurement control of the workpieces or random samples.



Round version as a rotary table

All benefits at a glance:

- Enables statistical process control (SPC)
- Traceability of the random samples for quality control
- Frequency and size of random sampling can be variably set by means of a further sequencing process
- Supports a quality management system
- Can be integrated in a production process without much expenditure
- Can be retrofitted to any processing machine with a parts output channel
- Low investment costs
- Control is independent of the processing machine
- No additional programming and retrofitting expenditure

DepotMini can be ordered in the following configurations:

- On wheels
- For mounting with consoles
- With ring sensor
- With light barrier
- On drip pans
- Control with 2 parts counters for SPC production

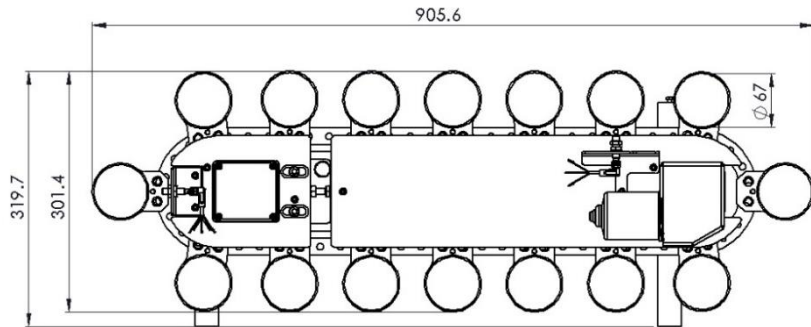
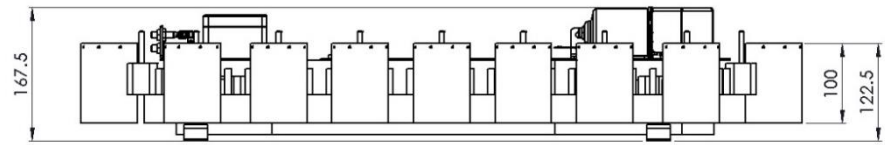
Technical data:

Type	Containers
DepotMini short	Rectangular / round
DepotMini long	Rectangular / round
DepotMini round	Rectangular / round

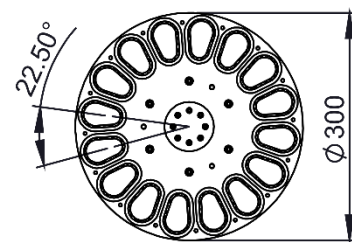
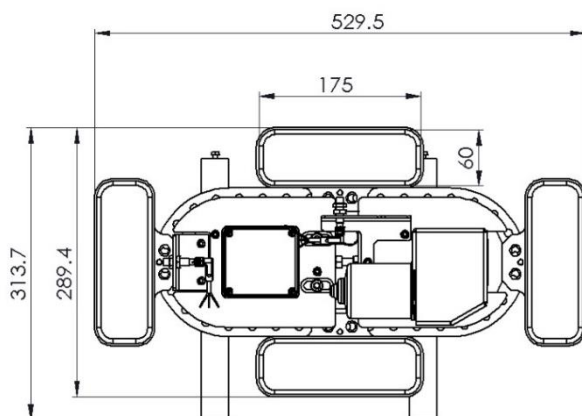
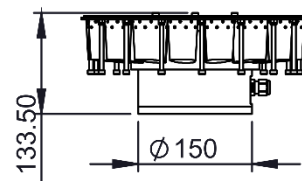
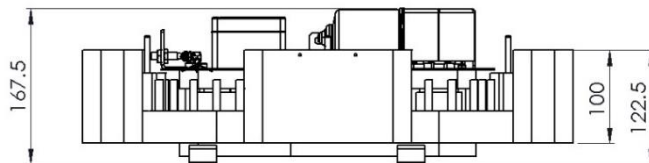
Mecha AG

Stockmattstrasse 12
3123 Belp
www.mecha.ch

DepotMini dimension drawing: (long with round containers)



DepotMini dimension drawing: (short with rectangular containers)



DepotMini dimension drawing:
(round)

The length of the DepotMini can be customized. The container size and shape of the parts can also be selected accordingly.

Contact information:

Mr. Lukas Rohr
CEO
T +41 31 332 18 57
l.rohr@mecha.ch