

MECHA

ENGINEERING & MASCHINENBAU

DepotMax

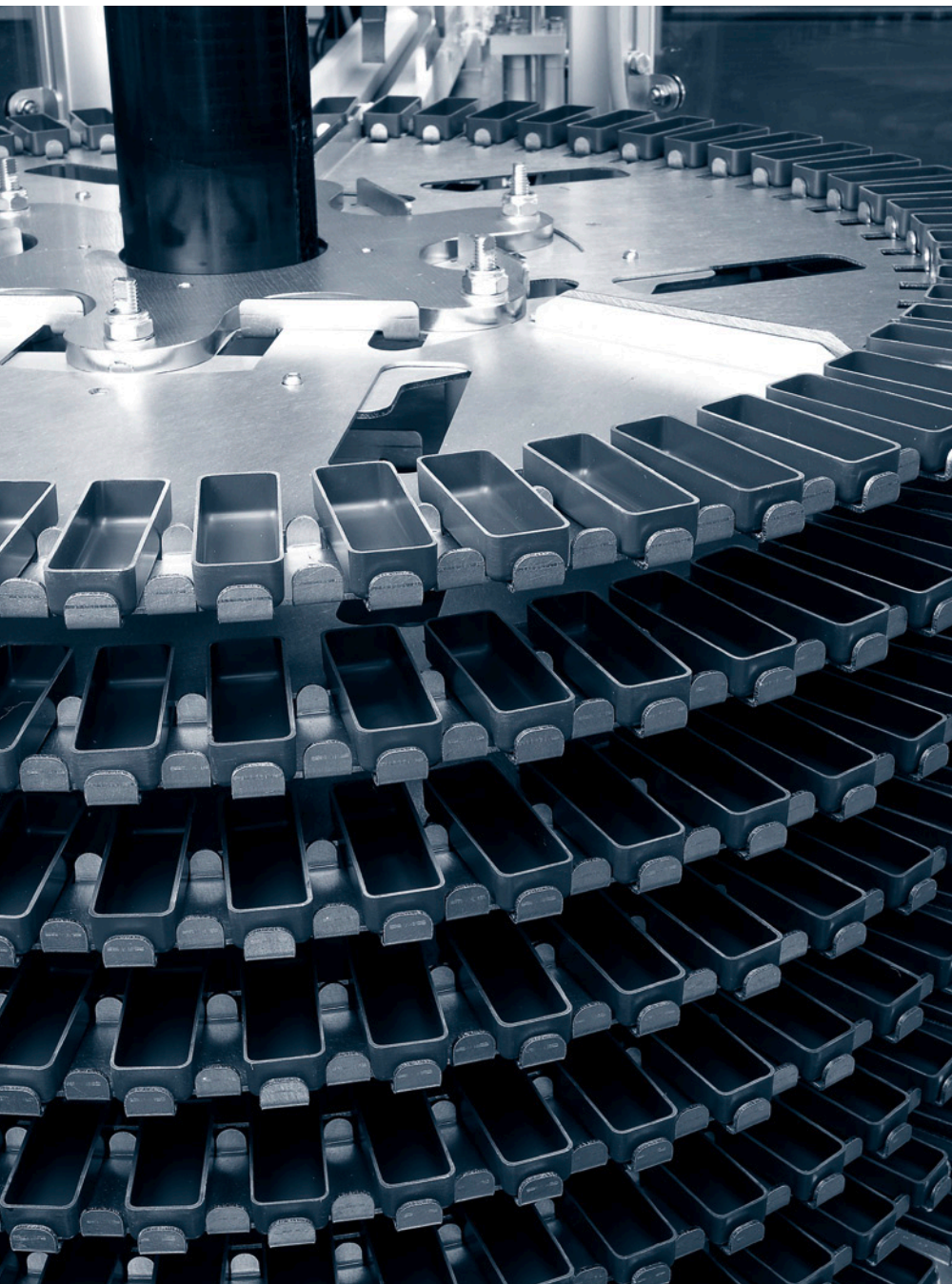
The workpiece storage system
for the gentle storage of parts.



GENTLE PARTS STORAGE WITH
MAXIMUM FLEXIBILITY.

DepotMax

The compact solution
for part removal at every
machine tool.



DepotMax is a compact and automatically operating workpiece storage system that gently accepts and stores parts after being processed.

The patented “Butler” of every machine tool can accommodate up to 300 parts regardless of part geometry and up to a size of 85 x 140 mm. This solution enables machine tools to be economically and flexibly utilized, particularly in fringe times. **DepotMax** can be retrofitted at any machine tool and requires no set-up times. Short payback periods even with small batches.

Conventional removal solutions usually result in undesirable side effects. Bulk material does not provide traceability of parts and does not rule out surface damages. Conveyors also do not allow for traceability and require a large amount of space. Automatic removal solutions such as robots involve high investment costs and a great deal of programming and retooling. Workpiece changes also create long downtimes and are associated with high costs.

DepotMax is the solution.



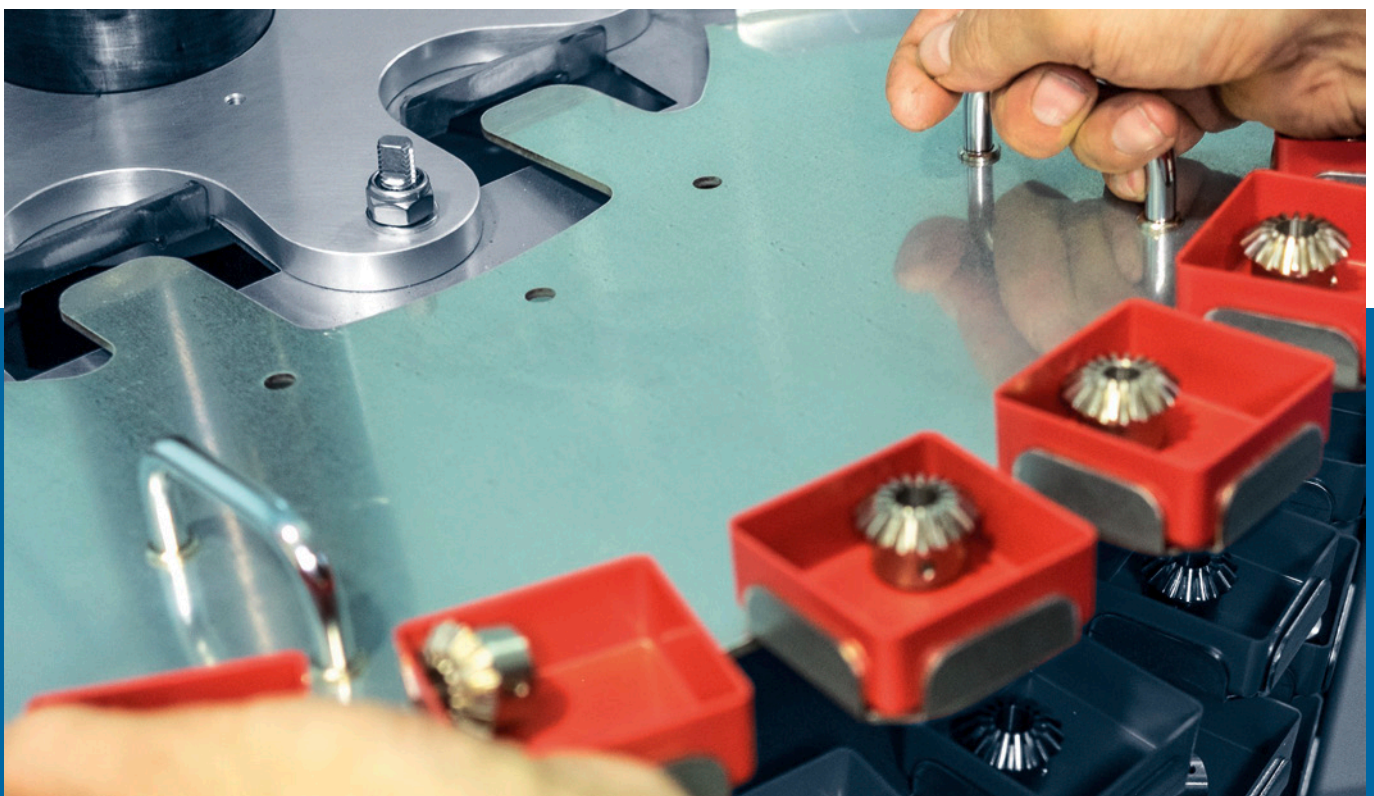
Safe handling with precision and quality.

The further handling of parts is gaining in importance due to the very high demands during the machining of workpieces.

Great demands are placed on dimensional accuracy and surface quality. The traceability of parts is another important aspect that contributes to quality assurance. **DepotMax** provides high flexibility for different workpiece geometries for 84 to 300 parts. This ensures the safe and reliable handling even for small quantities.

The connection to the machine tool is variable. The parts are output via a conveyor belt and can be fed to the workpiece storage at a freely defined height. The timing of the storage of parts is automatically controlled and flexible.

DepotMax requires little space and can be positioned freely as it is installed on casters.





Easy and independent operability.

The mobile control panel with touch screen makes operation simple and clear. The control system is independent of the machine tool, which makes its use diverse and requires no additional programming effort.

More time and leeway at every machine tool in a variety of industries.

Be it a CNC machine or a lathe, **DepotMax** can be used wherever a sensitive handling of parts is required. This is especially true in the fields of medical engineering, horology, automotive engineering and in the aerospace industry. Particularly during night shifts, the workpiece storage system offers the great advantage of autonomous parts storage. Unloading stored workpieces is as simple as practicable.

Thus, parts can be taken directly from the container or the individual segments are simply lifted out of the round tower. The overall handling provides great savings in time and money.

All advantages at a glance:

- Arbitrary placement at CNC system.
- No retooling.
- Different workpiece geometries.
- No part-specific grippers necessary.
- Several types of workpieces can be stored in the same storage tower.
- Storage in the sequence of production and thus traceability for quality assurance.
- Workpiece carriers are made of stackable containers.
- Non-contact workpiece storage.
- Bulk material operation with several parts per compartment and separation of measuring units possible.
- Adjustable storage capacity.
- Independent of CNC control system.

Technical specifications		
Type	Container size	Number of storage positions
DepotMax 85	85 x 140 mm	up to 84
DepotMax 54L	54 x 108 mm	up to 200
DepotMax 54	54 x 54 mm	up to 300

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THE WORKPIECE
STORAGE SYSTEM
FOR MAXIMUM
EFFICIENCY.

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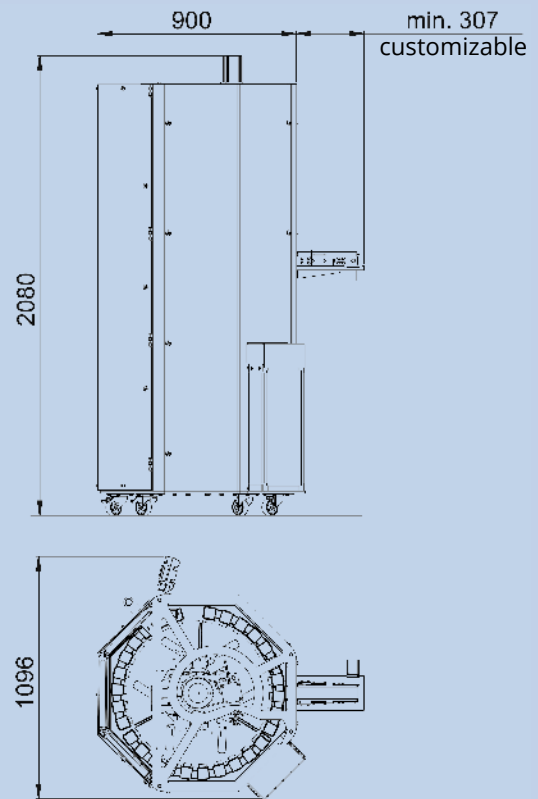
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Dimensional drawing **DepotMax**:



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