



# WeFlex

Flexibility is key

# Highlights

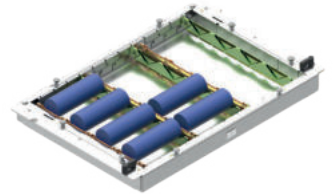
Load/unload parts in the pallet at an ergonomic height.  
The **SPC/NOK** pallet is also supplied and unloaded here.

High degree of autonomy.  
9x pallet storage unit



Quick-change gripper heads

Quick-change pallet inserts



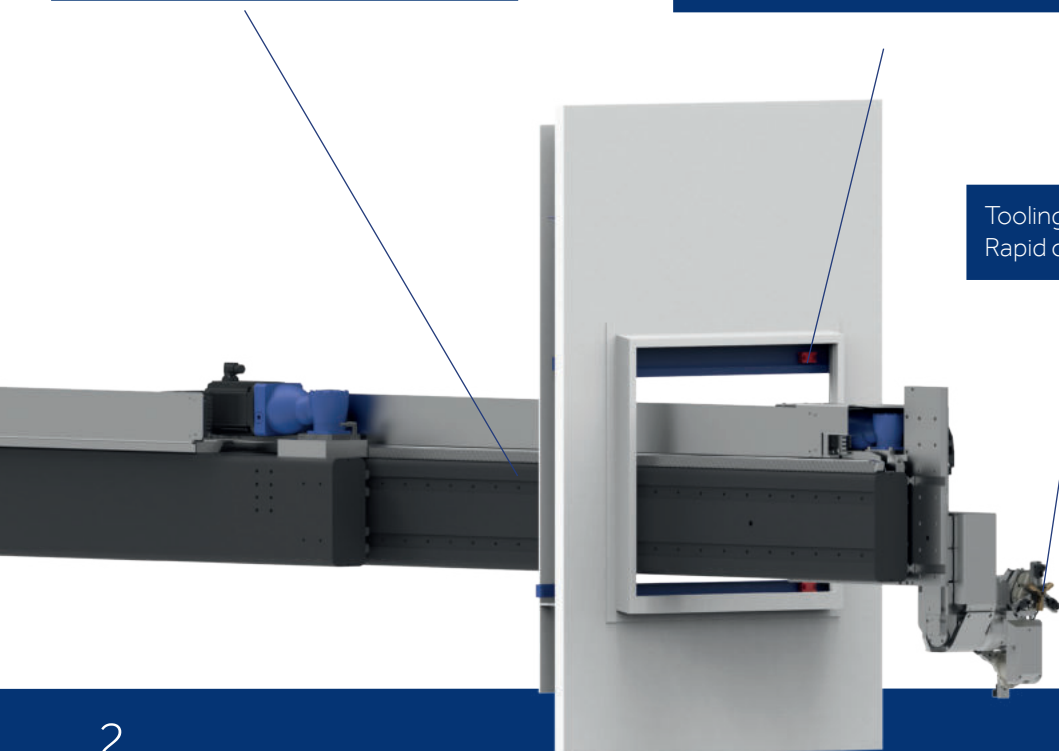
Chuck part gripper

Shaft gripper

Telescopic gantry. No irritating gantry in the machine compartment.

Safe separation of loader and machine compartment with loading hatch

Tooling for chuck and shaft parts.  
Rapid changeover.



# WeFlex product description



Chuck parts, shaft parts, or both? The WeFlex gives you the flexibility you need, if you don't know what your parts of tomorrow will look like. Easy to operate, easily converted in just a few minutes.

The stacker module guarantees you a high level of autonomy on a small footprint, with workpieces conveniently loaded and unloaded in one place, at an ergonomic height. The pallets are supplied under the loading/unloading flap, as selected. This also applies to the SPC/NOK pallets.

## **Features:**

- Process integration: There is sufficient space for measuring, deburring, cleaning, etc. in the rear of the cell. We develop all processes inhouse and are integrated in the loader control system.
- Fast changeover to other part types: Thanks to our fast changeover system and image-guided changeover wizard, you can switch to other part types in practically no time.
- Industry 4.0: All methods of retrieving relevant operating and process data are supported by our pre-configured OPC-UA interfaces for all common systems, and our WeConnect software tool.

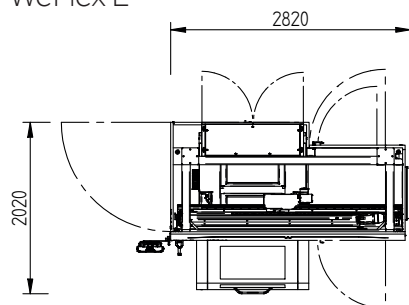
# WeFlex technical specifications

Technical specifications	WeFlex	WeFlex Large
Number of pallet spaces	9 + 1x SPC/NOK	9 + 1x SPC/NOK
Autonomy example Chuck part Ø 80 L80: Shaft part Ø40 L170:	192 pcs 96 pcs	300 pcs 192 pcs
Pallet size (internal dimension)	400x600mm	400x1000mm
Chuck part max. dimension: Shaft part max. dimension <small>*Up to Ø260 possible with geometric analysis</small>	Ø260 L100 (up to 5 kg) Ø100* L600 (up to 15 kg)	Ø260 L100 (up to 5 kg) Ø100* L1000 (up to 15 kg)
Workpiece changeover time Double gripper: Single gripper: <small>Without machine clamping times, dependent on part weight</small>	approx. 6-10 s approx. 15-20 s	approx. 6-10 s approx. 15-20 s
Traversing speeds	up to 4m/s	up to 4m/s
Dimensions Floor plan: Height:	2820x2020mm 2300mm	3160x2300mm 2300mm
Weight	approx. 2.5 t	approx. 3t
Consumption data Air pressure: Air consumption: Voltage: Backup fuse: Max. power consumption:	6bar 50 l/min 3x400 VAC (3LNPE 50 Hz) 25 A 5 kW	6bar 50 l/min 3x400 VAC (3LNPE 50 Hz) 25 A 5 kW

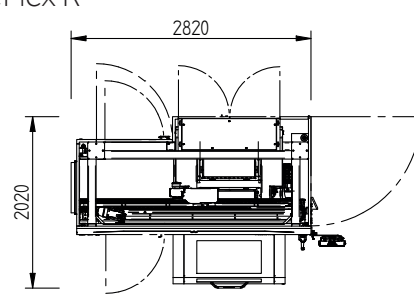
## Footprint

(WeFlex only without machine tool)

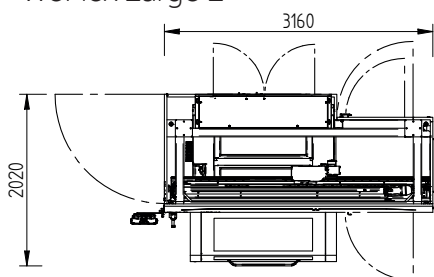
WeFlex L



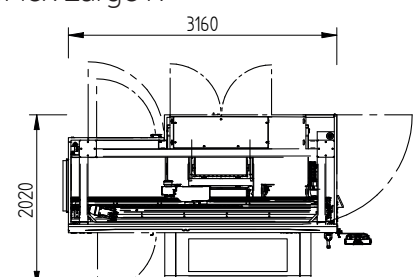
WeFlex R



WeFlex Large L

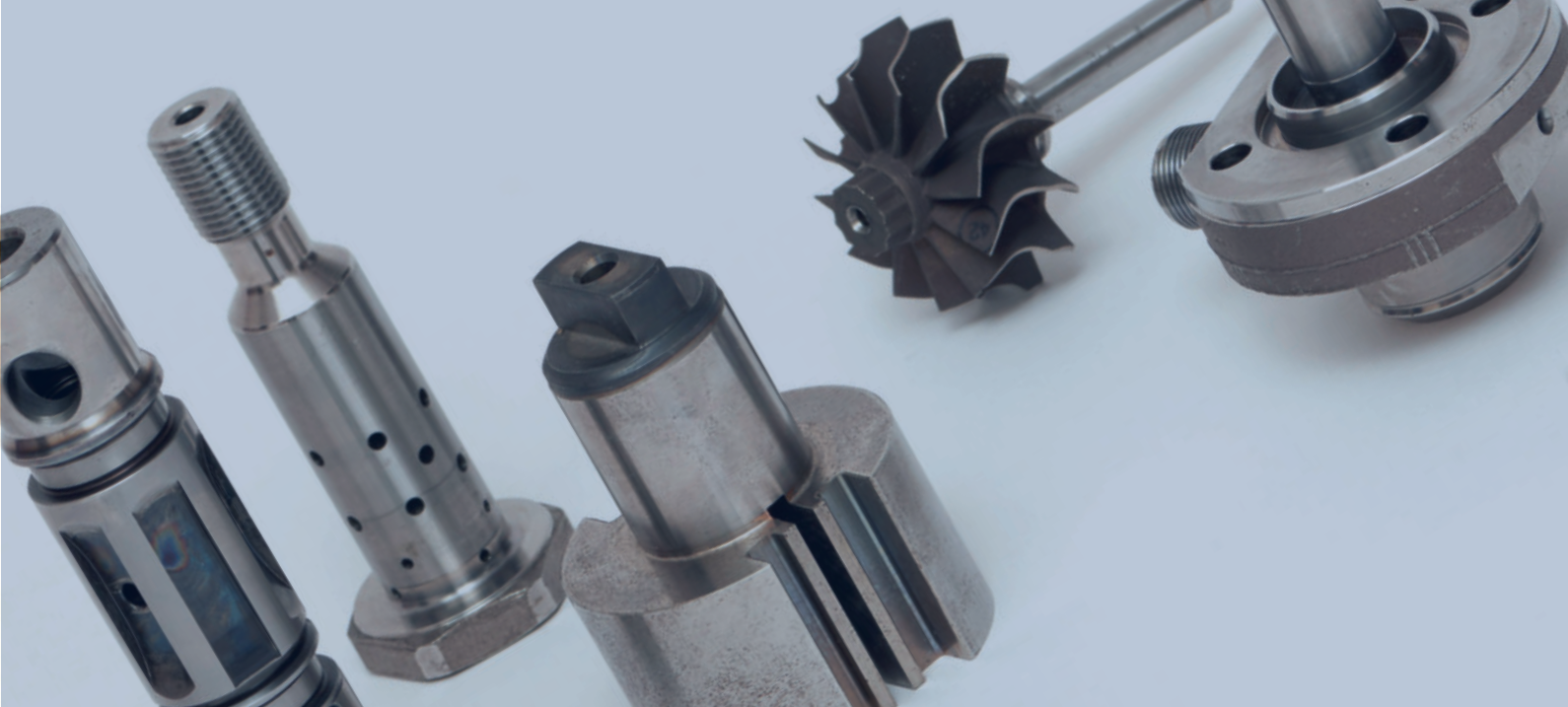


WeFlex Large R





Successful  
WeFlex projects







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