



**AUTOMATED
PALLET HANDLING**
FOR MORE PRODUCTIVITY

AUTOMATION OF MACHINING CENTRES – CENTRAL PALLET HANDLING WITH THE NEW LOADING UNIT FROM AMF

**OPTIONALLY WITH
32 OR 48 PALLETS**

With our new loading unit, we make your machining centres run by themselves, and you lay the decisive cornerstone for automated and economical production.

Loading and unloading, the entire stockpiling and management of pallets and machine control are centralised and integrated into the production process with high process reliability.

ONE SYSTEM - TWO VERSIONS

- > Optionally 32 or 48 pallets with an installation height of 300 mm or 500 mm
- > Pallets 400 x 400 mm
- > Max. pallet weight of 400 kg
- > Setup surface area 2 x 3 m, installation height 5 m corresponds to up to 8 pallets per m²
- > Gripper unit can be employed to the left or to the right

YOUR ADVANTAGES FROM THE PALLETISING SOLUTION FROM AMF!

- > Automation starting from a batch size of 1
- > Parts handling independent of the component contour
- > Automated loading and unloading of up to two different machines
- > Simultaneous equipping of the pallets
- > Very little need for space
- > PLC master computer software for integration with high process reliability
- > Automation from the leading expert in clamping technology

The automation solution from the leading supplier of clamping technology – with us, you get everything from a single source!

We are happy to advise you. **JUST GET IN TOUCH WITH US!**



THOUGHT THROUGH IN DETAIL – MAXIMUM EFFICIENCY IN THE SMALLEST SPACE

The new loading unit from AMF combines numerous features and advantages in the smallest space. This automation solution for pallet handling features technical advantages due to its well-thought-out overall concept and perfected software. The perfect solution for a future-oriented automation solution that is right for your machining centres.

> PLC MASTER COMPUTER SOFTWARE WITH THE FOLLOWING FUNCTIONS:

- > Complete pallet management, overview of job list and set-up procedures, machine statistics, NC-program management and tool balance
- > Remote maintenance of the system by our experts can be performed at all times
- > Pallet gripper equipped with the proven AMF “Zero-Point-Systems”

**PROVEN IN PRACTICE
WITH THE HIGHEST
EFFICIENCY**



Safety door with window,
can be operated manually

Process reliability due to integrated
pallet height measurement

Integrated PLC master
computer software. Intuitive
operating concept through
the touch display.

Simultaneous equipping via two
ergonomic equipping stations with
pullout drawer and lockable rotation
function. Loading with a crane is simple.

Mobile unit with max. 400 kg
load-bearing capacity and a
reach of up to 1.7 m

Gripper unit with axis of rotation
for flexible alignment of the
machine tools

Pallet gripper using the AMF
„Zero-Point“ clamping system
including sensor query for
presence monitoring

Floor tub with grate between loading unit and
machine tool as well as drip trays under every shelf

AUTOMATE UP TO TWO MACHINES AT THE SAME TIME

Do you want to automate one or two machines?

Thanks to the modular and flexible design of our loading unit, the machine tool can be palletised on two sides. You have the choice!

An additional second machine (also another machine type) can be integrated into the production process, even afterwards.

ALREADY USED SUCCESSFULLY WITH:

- > **DMG** 60EVO, 80EVO
- > **Grob** G350, G550
- > **Hermle** C32, C42
- > **Haas** UMC750, UMC1000
- > **MAZAK** VARIAXIS I-500, I-600
- > **CHIRON** FZ16 FX, MILL800 FIVE AXIS
- > **DOOSAN** DNM350/5AX, DVF 5000

**ASK US ABOUT
YOUR MACHINES!**



Of course, we also offer you the right zero-point clamping equipment for your machine table.



**YOUR EXPERT FOR CLAMPING AND
AUTOMATION TECHNOLOGY.
PROFIT FROM OUR EXPERIENCE!**



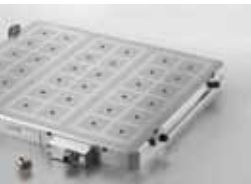
ZERO-POINT-SYSTEMS



HYDRAULIC
CLAMPING SYSTEMS



VACUUM
CLAMPING SYSTEMS



MAGNETIC CLAMPING
SYSTEMS



WIRELESS SENSING
SYSTEMS



GRIPPER



SINGLE AND MULTIPLE
CLAMPING SYSTEMS



STANDARD
CLAMPING ELEMENTS



MARKING AND
CLEANING TOOLS



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