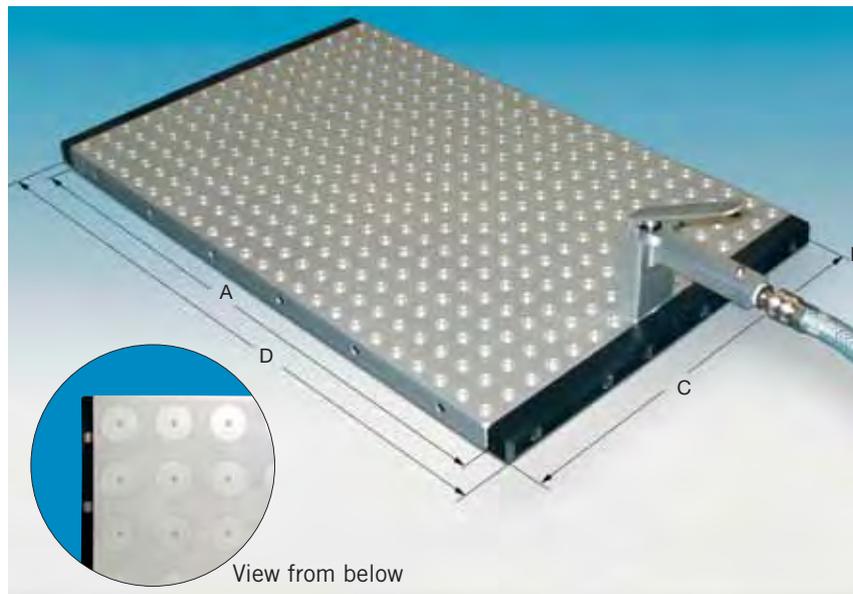


EUROFIX

Hovercraft plates



Material:

- High tensile aluminium min. F47

Surface protection:

- Top surface anodized

- Bottom surface PTFE coated

Grid bores:

- Fitted bores 12,5H7/M6

grids 25 to 100 mm available

Load capacity:

- Depending on surface of measuring machine but min. 200kg

Air pressure required:

>3 bar

minimal air use (volume) required

Hovercraft Plates

For moving and positioning heavy workpieces on coordinate measuring machines.

The hovercraft plates have a grid pattern on the top surface.

Underneath the plate an air layer is created in such a manner that thread sleeves, T-slots or small gaps between the measuring machine and setting up area can be bridged easily.

The air is supplied via a rapid-action coupling and a handle valve.

Hovercraft plates

with handle and integrated hand valve

Nr.	Grid	A	B	C	D	kg
81209	25	400	25	300	450	9
81050	25	600	25	400	650	16
82153	25	600	25	600	650	19
82154	100	600	25	600	650	19





Jack up trolley which can accommodate 2 base plates 600x400mm

Jack up trolley

loading systems

Nr.	Table area	Lift	kg
81945	675x675	300	75
82280	725x950	300	80

Jack up trolley with hydraulic height adjustment from 700-1000mm. Surface area is HC coated with rollers on one side for easy transfer from table to measuring area



Jack up trolley #82280

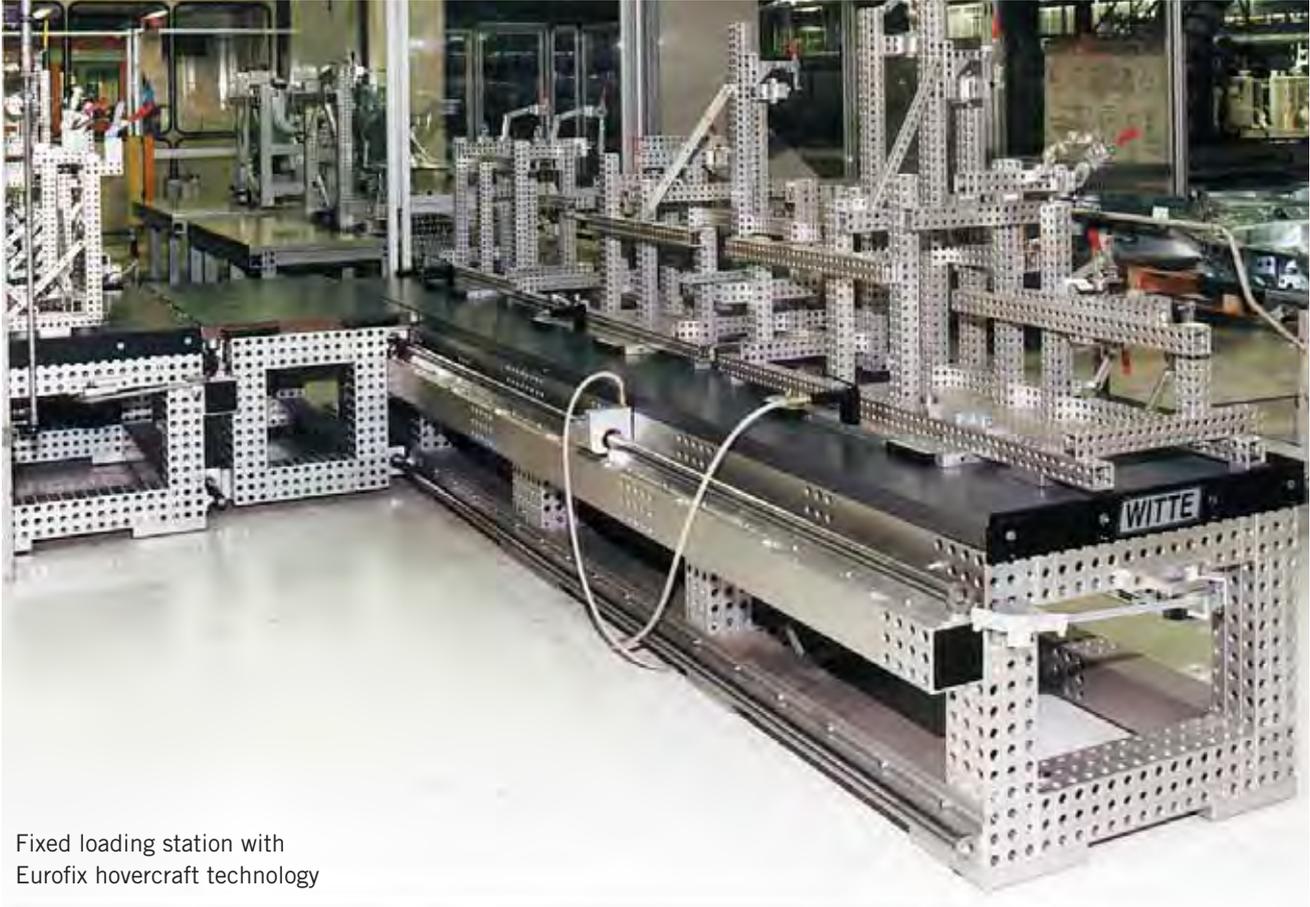


Jack up trolley #81945 used with a CMM



ALUFIX CLASSIC elements can be anodized in different colours. The colour natural is standard, black (-1) is available as an alternative. Other colours on request.

Load Capacity: 250 kg, from 50kg upwards we recommend a support on the face surface of the measuring machine. Other versions and dimensions on request



Fixed loading station with Eurofix hovercraft technology



Loading station for 3 CMMs with transfer bridges for pallet exchange

i Load capacity 500kg,
evenness of table surface 0,03/1000mm².
Available with automatic pallet exchange

Pallet systems

Measuring machines are being used more and more under series production conditions.

That means setting up and standing times should be kept as short as possible.

Economically, it makes more sense to use the CMM for measuring. All time consuming loading and unloading processes can be carried out on suitable loading stations.

For this purpose Witte has developed Eurofix hovercraft pallet systems. They comprise of modular loading stations and hovercraft pallets for mounting and positioning of work pieces.

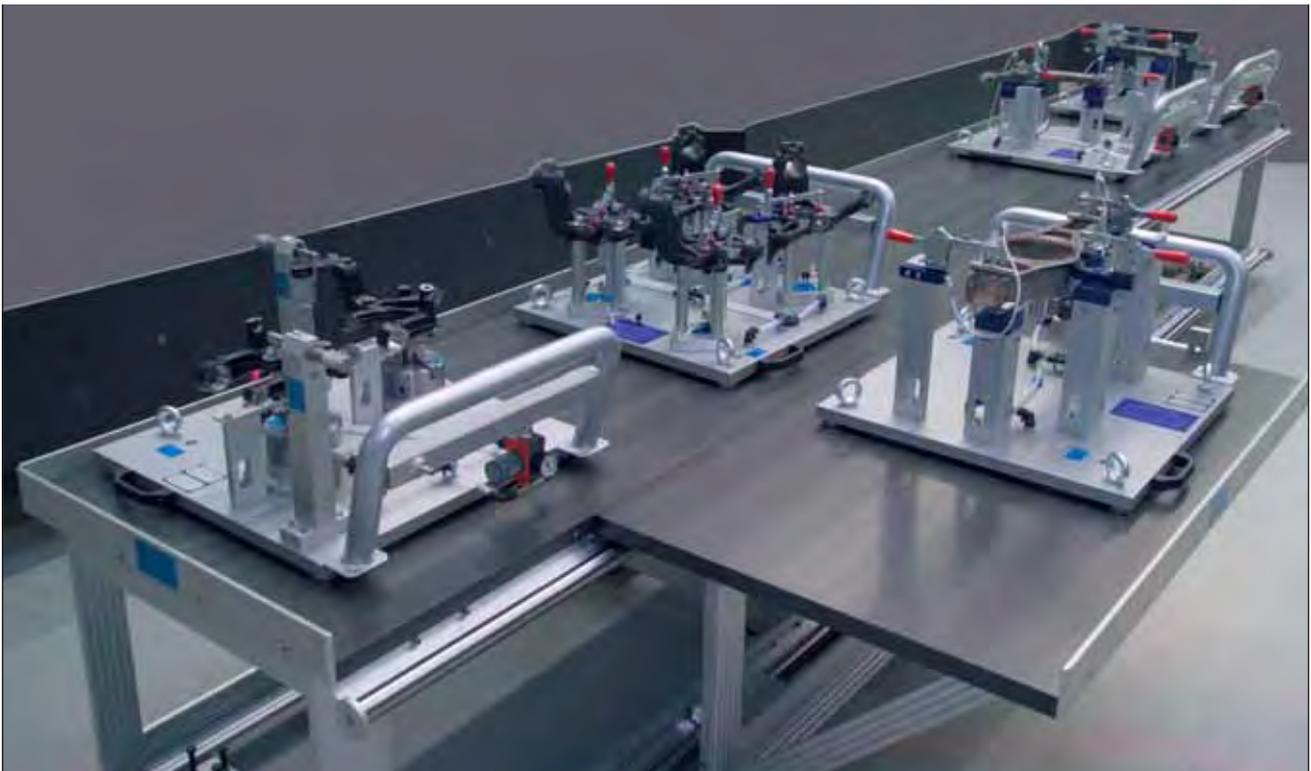
The loading station is set up directly next to the measuring machine. The understructure in accurate alu profiles enables adaptation to any surface height. Profile dimensions are selected according to size of station and weight of parts involved.

The surface is assembled using hard coated modular alu plates.

Stops all round ensure safe operation of hovercraft pallets.



Loading station with 4 places for hovercraft plates, the side of moveable transfer bridge is placed directly at the cmm table allowing transfer of hovercraft plates



Loading station with 5 hovercraft plates each mounted with a different measuring fixture



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i Other versions on request





Mobile measuring unit

96747, with grid base plate:
800x1200, height 930mm,
grid 100 12/5/M6, Weight: 130 kg



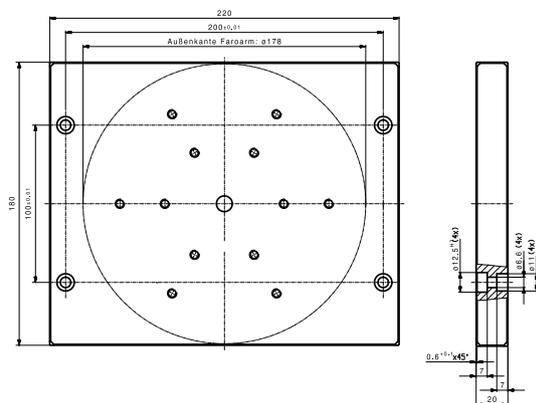
Mobile measuring unit

Nr. 284452, with height adjustable grid base plate:
800 x 1200 mm, height 930mm + lift 180mm,
grid 100, 12,5/M6
Weight : ca. 140kg



Mobile measuring unit - double

285101, with grid base plate :
1600x1200, height 930mm,
grid 100 12/5/M6, Weight: 170 kg



Accessory for above:

Adapter plate for FARO-Arm

91487

Incl. elements for connection to a.m. unit. Further
adapter plates for other arms are available on request.



Vacuum Base

282446

This Vacuum Base is designed to be used in conjunction with a mobile measuring arm as a solid and reliably fixed base. An internal miniature vacuum pump achieves a maximum result for secure clamping within seconds as the clamping plate sucks to the surface. Warning lights, dial gages and a manometer guarantee safe operation during the measuring process. A variety of grids on the top surface enable mounting of all known mobile measuring arms. The Witte Vacuum Base is fully selfsufficient and needs no supply cables or wires which might hinder operating process. This gives the operator total flexibility during measuring as long as there is a non porous surface to work from. The rubber seal is designed to cater for slightly curved rough surfaces.



Dimensions: 260 x 80 mm

Weight: 3,7 Kgs

Clamping force:
maximal 4200 Newton at sea level

Battery Charger*: 100 to 240 volt

Battery pack* power: 12 volt
Light diodes indicate energy supply:
RED - Battery level low – Charge
YELLOW - Battery level half full
GREEN – Battery level fully charged

Should the battery level drop below the safe operating level then a signal will warn the operator.

End vacuum is adjusted to 200 mbar which equals 80%

(*): Parts are included in delivery



ALUFIX CLASSIC elements can be anodized in different colours. The colour natural is standard, black (-1) is available as an alternative. Other colours on request.

i Other versions on request



Milling and modelling table

For creating, positioning, working on clay models.
Modelling tables are equipped with a mirror enabling visualization of full model using scaled half models.
Milling tables enabling modelling and later machining of mounted models. Models can be positioned repeatably for machining in several steps .

Dimensions:

Length from 1.000 – 2.500 mm

Width from 800 – 1200 mm



Modelling table

For preparation and modification of clay models, i.e. inner doors. Models are worked on manually at optimal height and angle and can even be positioned in car line in an inner meisterbock. All linear movements as well as outward movement of castors are hydraulically supported. The base plate is equipped with sleeves so that repeatable exchange of different clay models is possible.

Technical data:

Length 1.000, width 800 mm

Height (max. when plate vertical) 1.680 mm

Weight including door carrier for clay models 230 kg

Max load capacity (in horizontal end position) 70 kg



Front interior model unit

Ergonomic modelling unit comprising four single components

- Instrument panel with steering wheel connection and option to mount inner door models
- 2 dockable seat supports
- Dockable middle tunnel

The I-panel unit has several adjustment possibilities

- Length (X) 150mm
- Height (Z) 500mm
- Pedal supports additional 100mm in X
- Floor 130mm in Z
- Optional door supports +/-30mm in Y

Seat supports are height adjustable by 100mm in Z

The middle tunnel is adjustable in Z by 580mm and in X by 100mm

