

KOME G Clamping and Loading Systems

Clamping and loading systems for coordinate measuring machines of all manufacturer

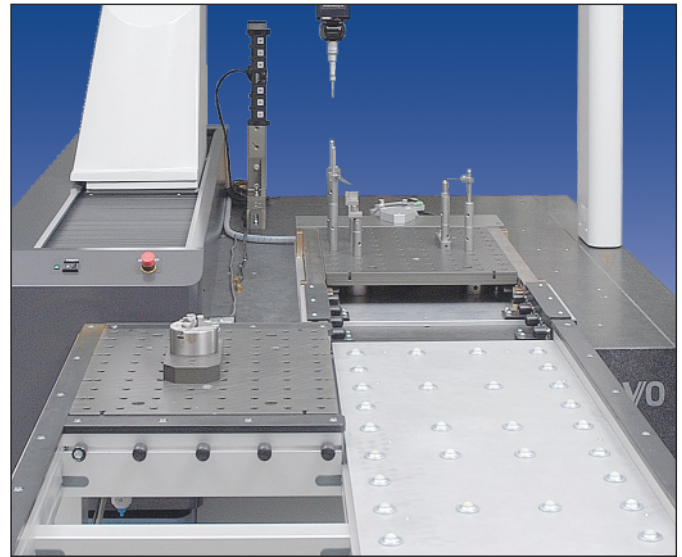
Clamping and loading systems clearly boost the efficiency of your coordinate measuring machine.

For this purpose, KOME G supply the technology, tested in everyday practice, to simplify the clamping procedures for the coordinate measuring machine. Short downtimes can be realised by keeping parts available, as well as by speedily changing parts. The measurement process may be started immediately, depending on the spatially aligned positioning of the palletised test sample in the measured volume.

The product spectrum of the modular clamping and loading technology ranges from simple, manual systems to fully automated installations.

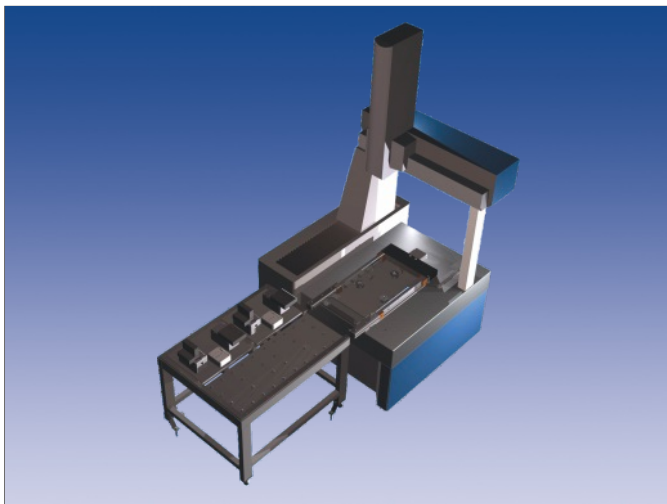
Available standard variants:

Pallet size	Capacity
250 x 250 mm	60 kg
500 x 400 mm	120 kg
600 x 600 mm	250 kg

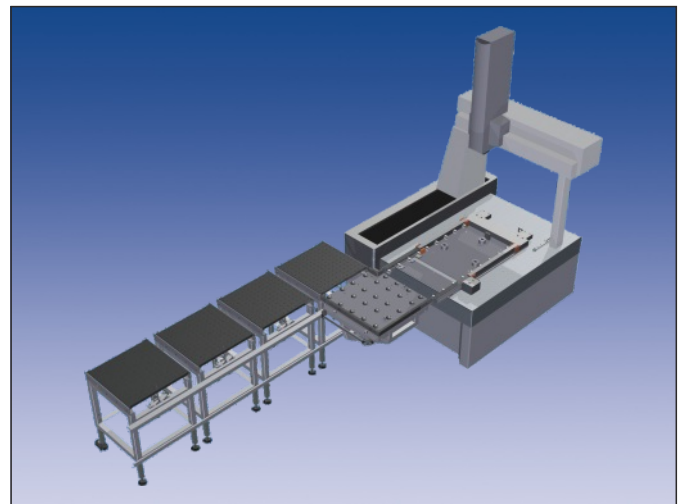


Variants:

info The KOME G loading system puts your components in a reproducible and spatially aligned position on the measuring table. Manufacturer-specific properties, even as individual special solutions can easily be realised.



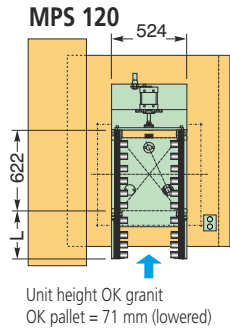
Coordinate measuring machine with MPS and upstream pallet station.
Design with ball transfer conveyor



Coordinate measuring machine with MPS and upstream pallet station.
Design with shuttle

Delivery to measuring table

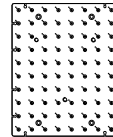
- pallet supply by operator side or rear side
- transport section designed as a ball conveyor attached to measuring table
- pneumatic lift on 3-point ball support
- pallet transport manually or automatically by means of a pneumatically operated loading machine



Possible system configurations:

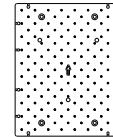
- 250 x 250 mm - max. 60 kg
- 400 x 500 mm - max. 120 kg
- 600 x 600 mm - max. 250 kg

Reprofix



Pallet with grid consisting of indexing, fitting and threaded holes

Unifix



Pallet with grid consisting of threaded holes

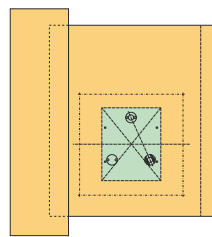
(System-) PAL



Smooth pallet without threaded holes

- 3-point ball support is fastened to the measuring table
- cost-efficient
- reproducible
- manual operation

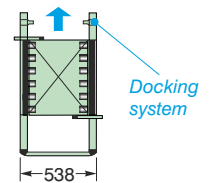
DPK 120



Pallet transport unit

- for one pallet
- height-adjustable to fit the respective CMM-type
- dockable to an MPS or pallet station

PTW 120

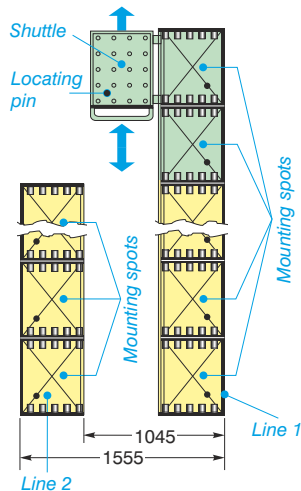


Pallet stations

- available in two designs:
 - with shuttle
 - with ball transfer conveyor
- modular design for as many spots
- manual or automatic pallet transport
- height-adjustable to fit the respective CMM

Design with shuttle

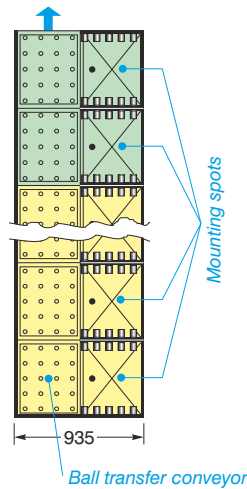
Typ PBV 120 with 1 or 2 mounting lines



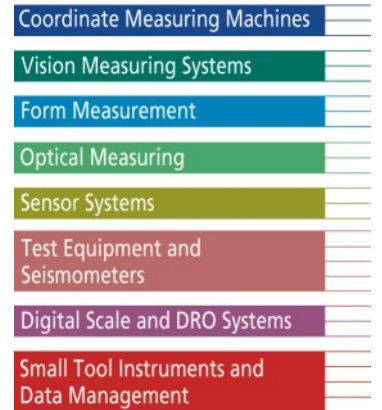
Basic module Expansion module

Design with ball conveyor

Type PBK 120 for direct attachment to the measuring table



info The KOMEG loading system is manufacturer independent and suitable for use with all coordinate measurement machines. Protective and airconditioned cabins available upon request.



Note: All our product details, in particular the illustrations, drawings, dimensional and performance details and other technical specifications contained in this publication are to be considered to be approximate average values. To this extent, we reserve the right to make changes in design, technical data, dimensions and weight. Our specified standards, similar technical rules and technical specifications, descriptions and illustrations of the products are correct at the time of printing. The current version of our general terms and conditions also apply. Only offers which we have submitted can be considered to be definitive.

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