

Delphin & Delphin BIG

Clamping of larger dimensions too, with Delphin

The modular design with the Delphin zero point clamping

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You can arrange the machine equipment as a baseplate or as a built-up solution, precisely in accordance with your requirements.

Pallets or workpieces can now be positioned and clamped with great accuracy on the Delphin clamping system.

Advantages of the Delphin clamping system

- Modular design
- Large product portfolio
- Uniform clamping spigots
- Spring centring for pinpoint accuracy

Facts

Repetition accuracy: < 0.005 mm

Pneumatic clamping force: 13'000N

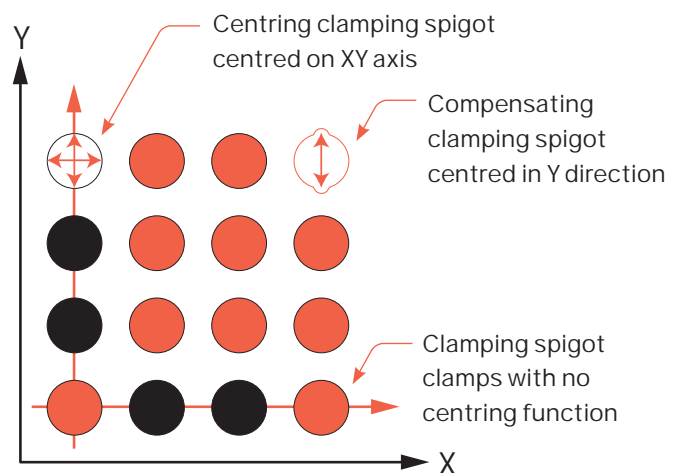
Hydraulic clamping force: 15'000N

Function of the Delphin clamping system

One special feature in relation to modular equipping of the machine tables is the option for arrangement and number of chucks. Regardless of the requirements of the application, you determine the quantity and the particular centre distance with which you wish to equip the machine table.

Our recommendation: use at least 4 chucks per workpiece or work with pallets.

The conical clamping spigots are mounted directly in the device or workpiece. Centring of the conical face of the centring and compensating clamping spigots free of play achieves maximum accuracy.



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Chucks for manual equipping:

Delphin PSP

Pneumatic, clamping force 13.000 N

Delphin HSP

Hydraulic, clamping force 15.000 N

Lift-off function

Chucks for automation:

Delphin PHP

Pneumatic, clamping force 13.000 N

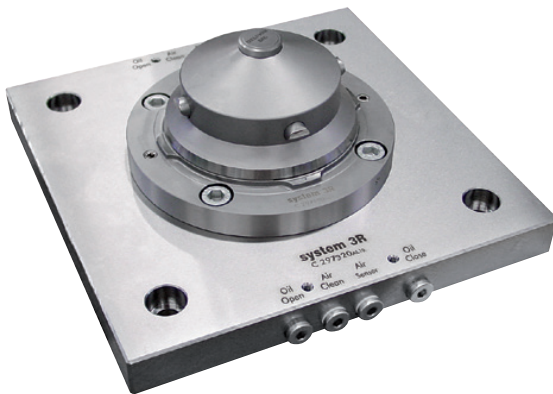
Self-cleaning and presence control

Delphin HHP / Delphin HCP

Hydraulic, clamping force 15.000 N

Self-cleaning and presence control

Lift-off function.



Delphin BIG

The newest member of the Delphin family was developed specially for large workpieces.

This opens up entirely new approaches for the production of large workpieces or the manufacture of large moulds.

Because of its optimised shape, the clamping system is highly tolerant during loading of the pallets, by a crane for instance.

Delphin BIG Facts

- Clamping force 50.000 N
- Repetition accuracy $\pm 0.005\text{mm}$
- Lift-off function
- Cleaning
- Presence control
- Suitable for automation.

