

Flexible Measuring Appliance Sandwich plate style

News

Modular height adjustable columns

Until now conventional sandwich plates have only been used as a rigid base for defined grids and supports for columns. The new Witte F-SWPL offers more flexibility and integrates more functionality and easy handling.

In a predefined grid these sandwich plates are equipped with integrated columns. The quantity and position of the columns is freely selectable and integration can be carried out at a later date if necessary.

To mount a work piece the power assisted columns raise up out of the plate when the lock is released. They are set at desired height using a scale.

The column tops are equipped with quick change couplings, which enable quick, easy changeover of component specific adapters.

As all columns can also permanently store in the sandwich plate no time consuming transport or assembly is required.

The change over from one work piece to another is limited to exchanging the compact adapters.

Apart from substantial time savings further advantage is the small amount of space required for the adapters themselves.

A rail all round the sandwich plate enables mounting of mobile measuring arms.

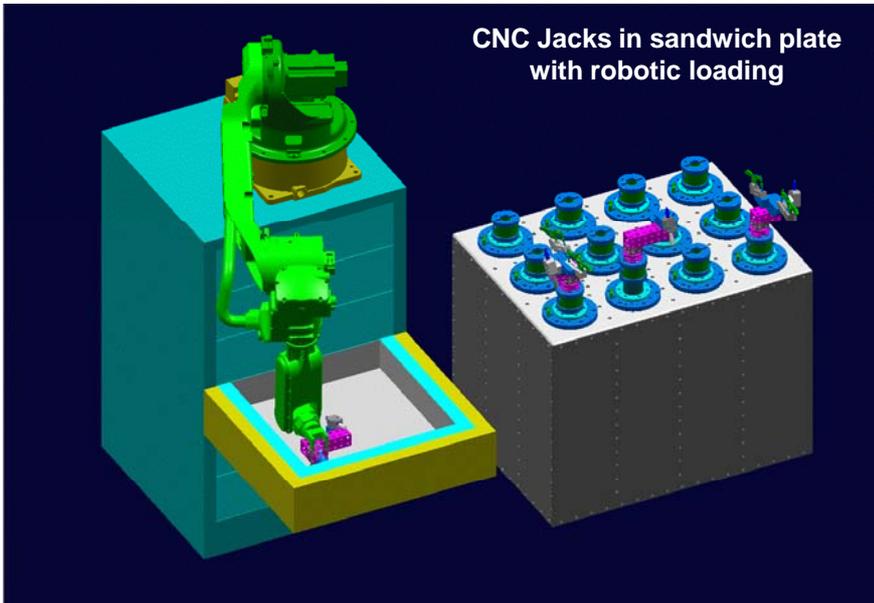
The plates can be used horizontally or vertically.



Power assisted columns
set to height



Blanks occupy areas where
no columns are required



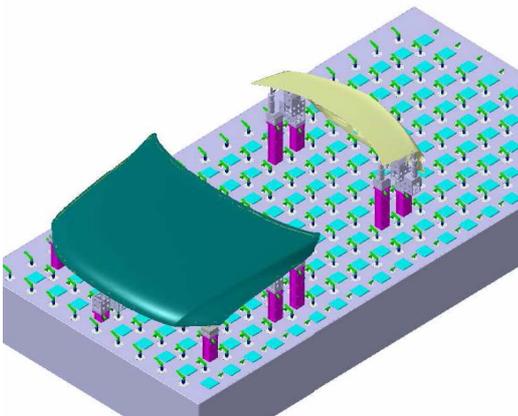
**CNC Jacks in sandwich plate
with robotic loading**

Possible system configurations

- Vertical or horizontal versions available
- For vertical plates columns can be used on either left or right sides
- Vertical design with columns on both sides (grid disalignment at least 1 grid hole)
- Manual, motor driven or CNC controlled column operation, motor or pneumatic quick change couplings
- Optional configuration with robot
- Optional integration of storage systems or shuttles
- Guide rail all round enables mounting of mobile measuring arm, laser or photogrammetry equipment

Advantages

- High flexibility, integration, modularity
- Quick changeover of adapters when working with many different workpieces
- Reduced storage space required
- Economical and time saving through small number of components as well as CNC - operation



Sandwich plates available in dimensions up to 2.500 x10.000mm, with or without hovercraft, integrated air tanks, remote control etc.

Witte
specialists for

Modular Fixturing
Systems

High precision
subcontracting

Vacuum Clamping
Technology

Germany

Horst Witte Gerätebau
Barskamp KG
Horndorfer Weg 26-28
D-21354 Bleckede
Germany
Tel.: +49-(0)5854-/89-0
Fax: +49 (0)5854/89-40
Email: info@horst-witte.de
www.horst-witte.de

Asia

Witte Far East Pte. Ltd.
1st Level
13 Joo Koon Crescent
SGP-629021
Tel.: +65-6248 5961
Fax: +65-6898 4542
Email: info@witteasia.com
www.witteasia.com

USA & Canada

Witte America
120E Market Street
Suite 455
Indianapolis, IN 46204
Phone: 317-822-7003
Fax: 317-822 7009
Email: info@witteamerica.com
www.witteamerica.com

Mexico

Horst Witte de Mexico
SA de CV
Ave. Francisco Villa 3700
Local 8A
Chihuahua, Chih. Mex 31114
Tel.: +52-614-421 1063
Fax: +52-614-421 1064
Email: ventas@wittemexico.com
www.wittemexico.com



Witte Gerätebau Barskamp KG
is certified according to:
-DIN EN ISO 9001
-DIN EN ISO 9100
-QSF-A (Aerospace supplier)

