



# Wagner

# W



Qualität seit 1994

Our company is certified in  
accordance with  
DIN EN ISO 9001:2008



Status: June 2010

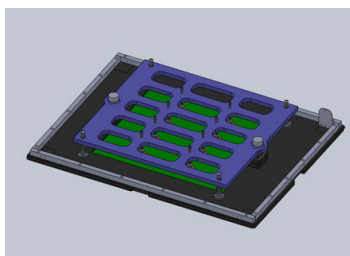


## P ROFILE

We have been producing high quality equipment for use in a wide range of electronic production processes since 1994. These are universal and product-specific retainers and workpiece holders for circuit boards for the processes:

- Wave soldering, flow soldering, THT assembly
- SMD assembly of flex circuit boards, rigid-flex circuit boards
- Selective soldering
- Blank separation
- Painting
- Manual soldering

and the associated components such as holding-down systems, board fixings, component fixings etc. Our production programme encompasses solutions for all established soldering systems and solder technologies.



2D and 3D designs in accordance with your data (Gerber, dxf, paf, stp, pcf, IGES, etc.) or on provision of sample circuit boards and/or drawings.

By using our tailored solder masks, your soldering results will be optimised and solder defects reduced.

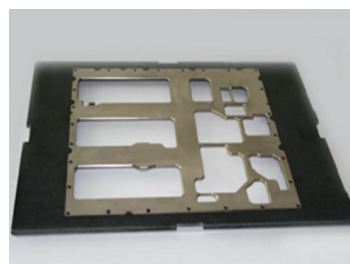
We predominantly manufacture our products using Durostone and RICOCEL materials, which are suitable for lead-free soldering processes.

## SOLDERING FRAME SYSTEMS

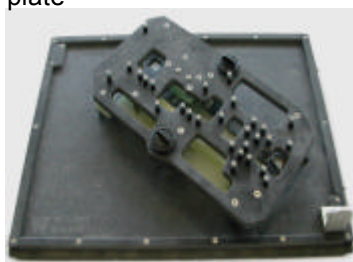
Solder mask with titanium base and aluminium reinforcement bars



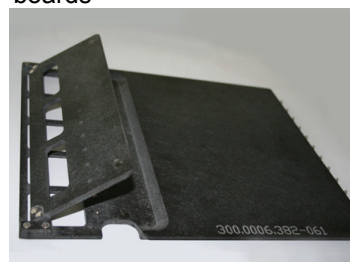
Solder mask with titanium base cover



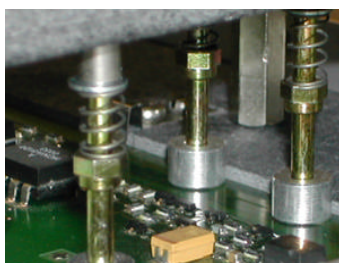
Solder mask with holding-down plate



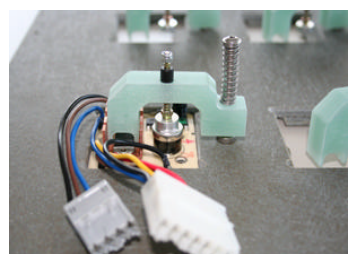
Workpiece holder for SMD assembly of flex circuit boards



Sprung hold-down pins with aluminium heads

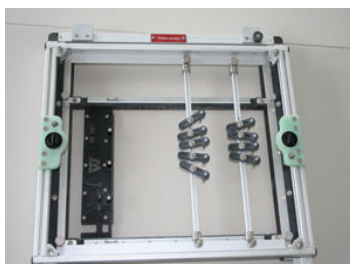


Special bar from Hgw with sprung hold-down pins



## SOLDERING FRAME SYSTEMS

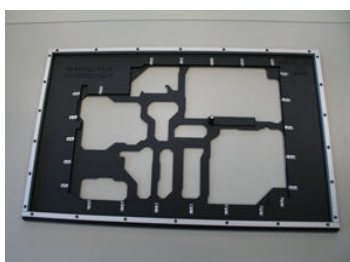
Universal mask with  
universal holding-down device



Telescopic cover 4 side  
for universal mask



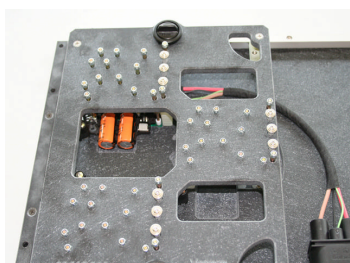
Solder mask with spring latch



Spring latch detail



Solder mask with holding-down  
plate

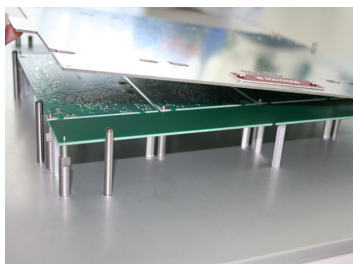


Solder mask with locking  
slides and rotary hold-down  
locks

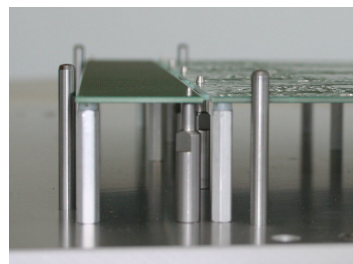


## A LUMINIUM WH FOR SEPARATING STATIONS

Aluminium WH with panel pressure plate



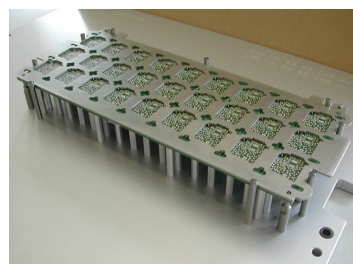
Centring pins, fixing pins and supports



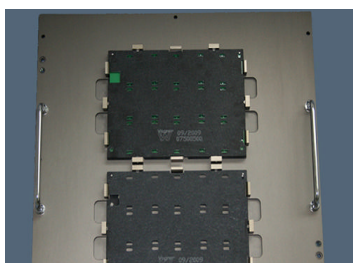
Aluminium WH without panel



27-fold panel in aluminium WH



Milled WH from hard anodized precision aluminium



Milled WH: Pre-centring, fixing pins and lifting plate





## A CCESSORIES

Rotary latch  
with BiFix spring clip



Hold-down pins,  
springs, aluminium heads



Push-button  
closure



Standard bar



Locking slide



Rotary hold-down lock



Spring latch



Spacer bolts



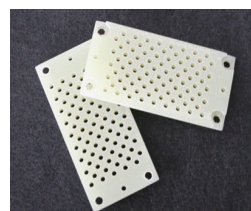
Telescopic cover



Blank service:

We supply you with  
blanks in the  
established materials  
at short notice

Connector blocks



## HOW TO FIND US



- In Balingen take the B27/B463 towards Albstadt.
- Take the Frommern exit in the direction of Frommern.
- Take the second road on the right = Wiesfleckenstraße

**WAGNER GmbH**  
**Equipment for electronics production**



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