



45 years

**of experience in
stamping, forming &
welding technology**

Stanzbiegetechnik

Managementteam



- **Karl Buxbaum**
- Founder and owner



- **Michael Buxbaum**
- CEO



- **Andreas Zöttl**
- Vertrieb

SBT facilities in Austria



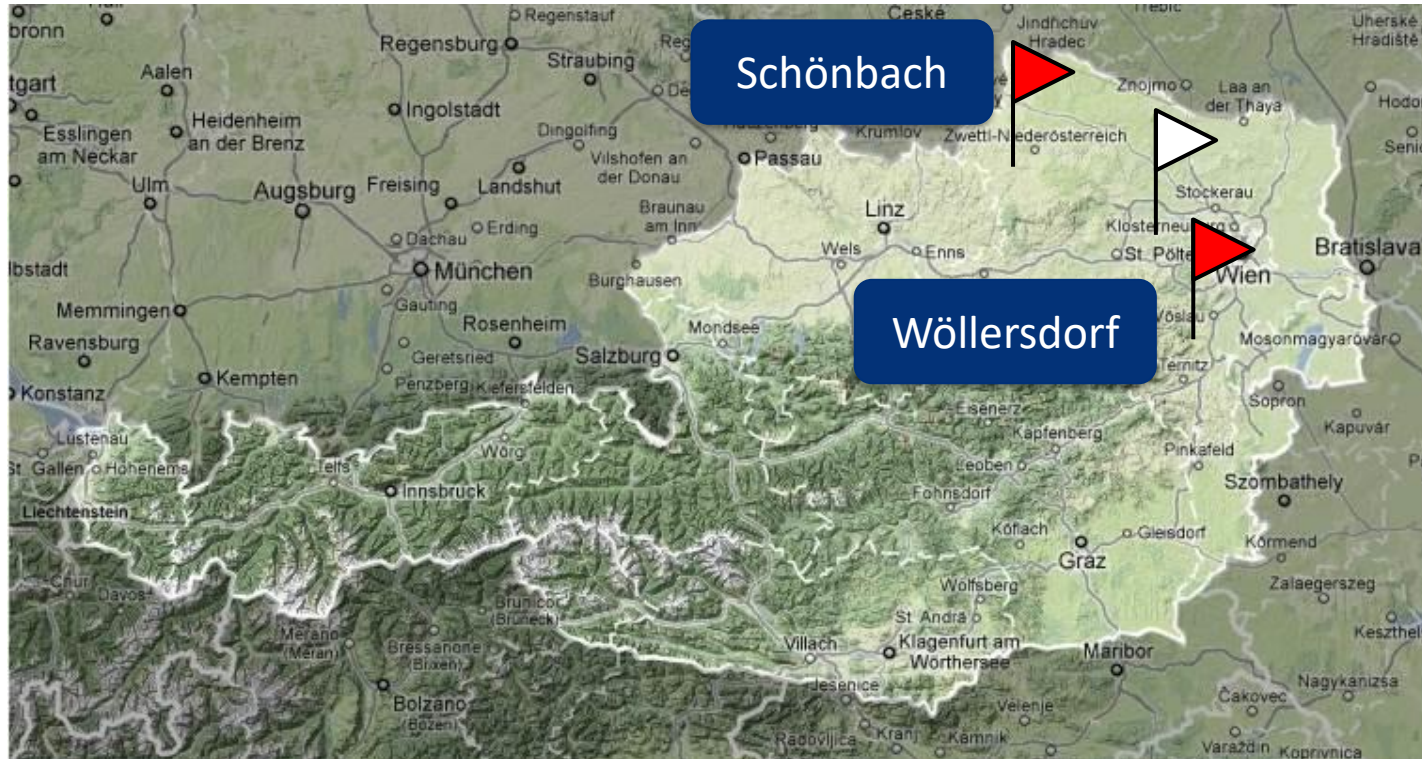
Wöllersdorf
(Head Quarters)



Schönbach
(Production)

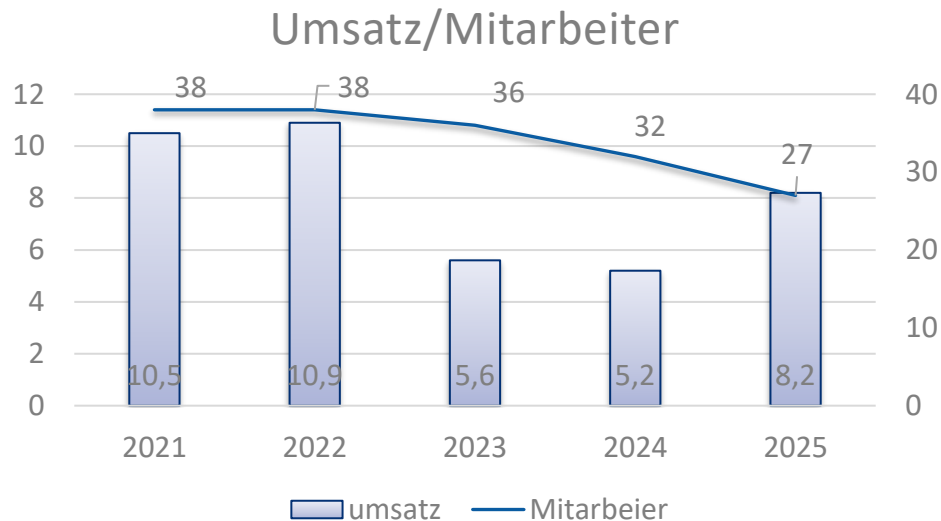
Stanzbiegetechnik

facilities



Umsatz/Mitarbeiter

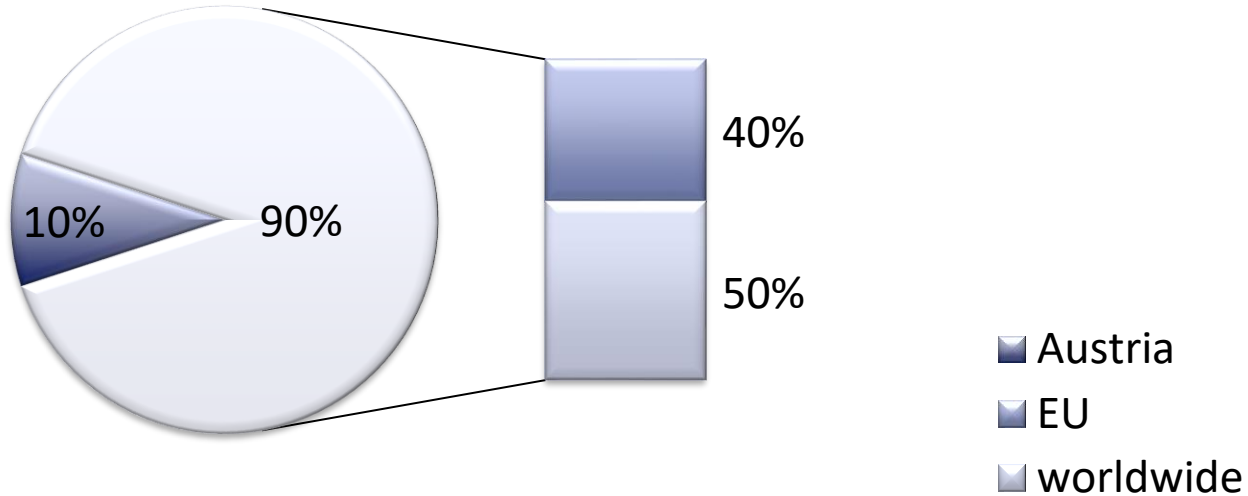
facts



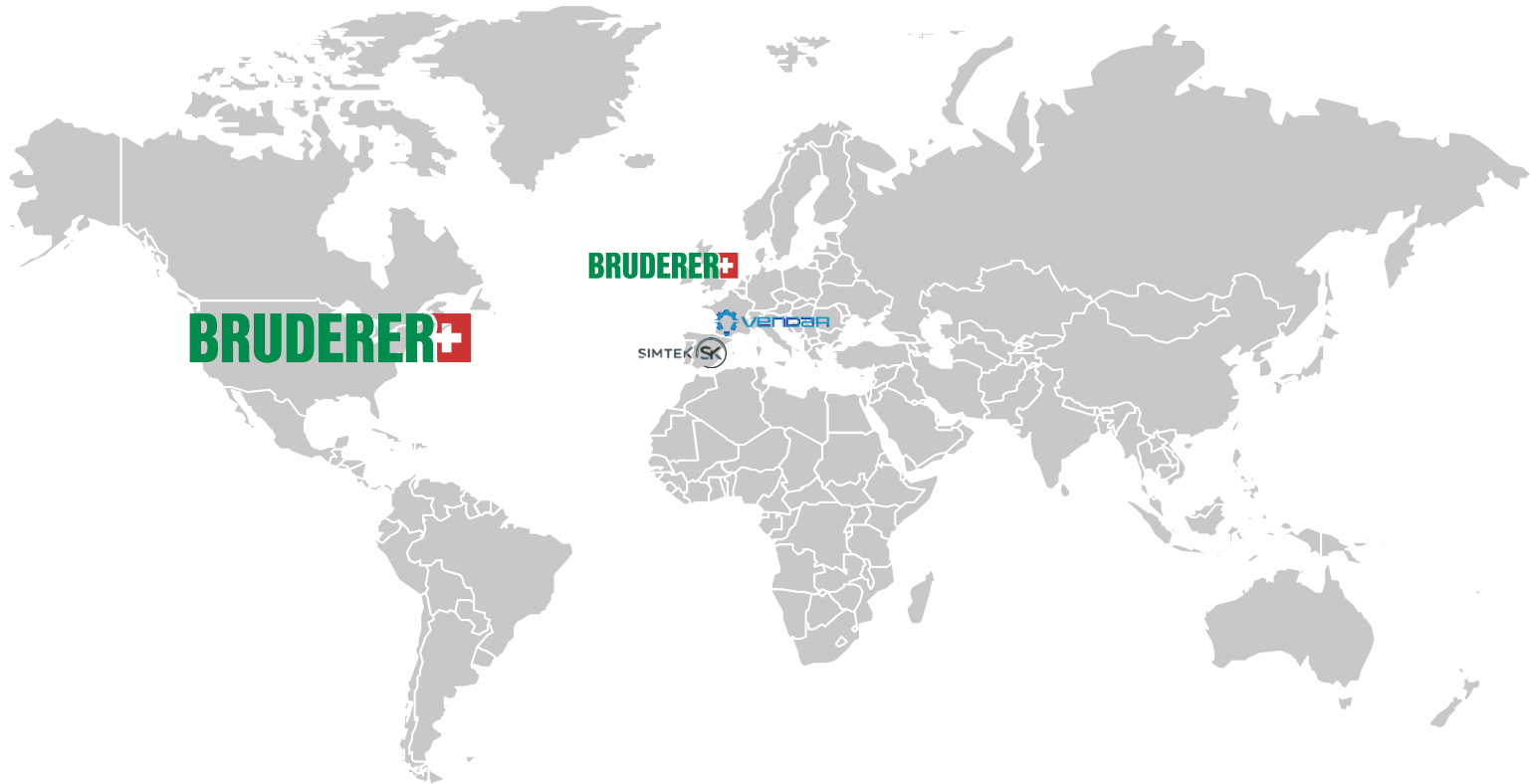
Stanzbiegetechnik

facts

Customer distribution



160+ customized machines – supported by local sales & service partners

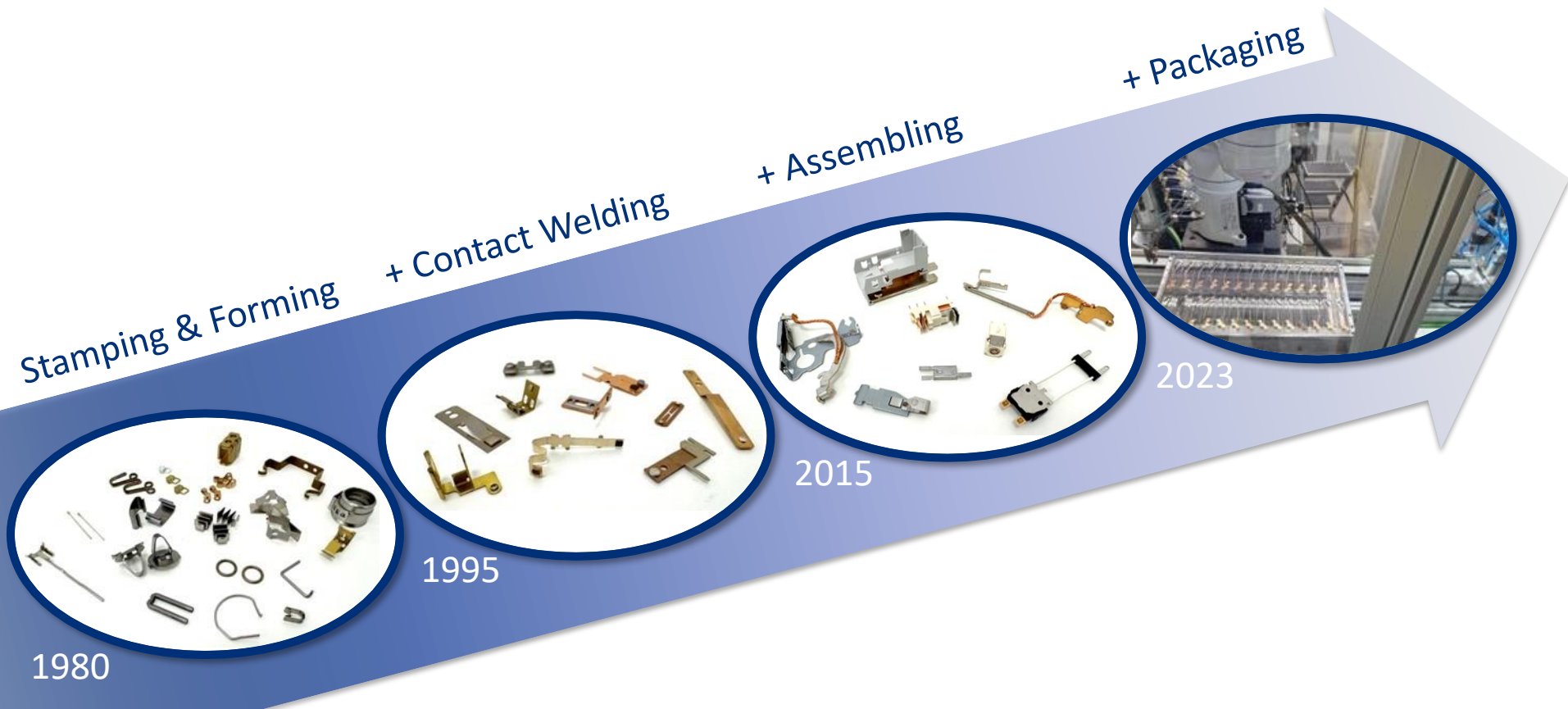


What we do

*We develop and manufacture high-performance production solutions
for complex small-scale quality components.*



Tackling complexity – single parts to extensive multiline systems



45 years experience in stamping, forming & welding technology

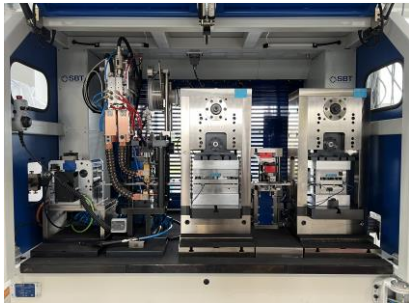
SBT FlexCell



SBT FlexPressCenter



SBT FlexSystem



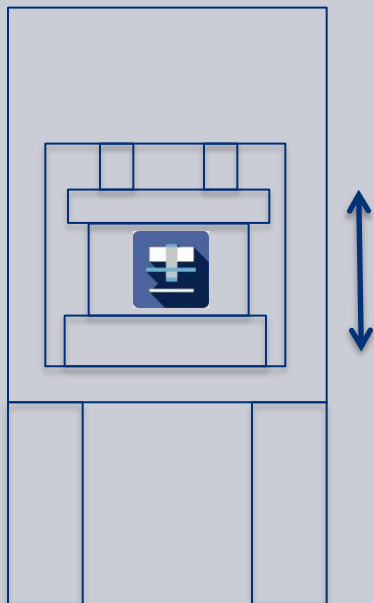
Extensive production capabilities in Schönbach



Stanzbiegetechnik

...fills the gap between press and multislide

Presses



SBT

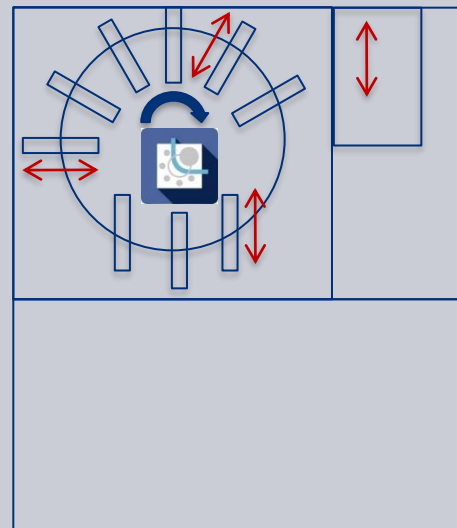


Platform e.g.
Multistamper



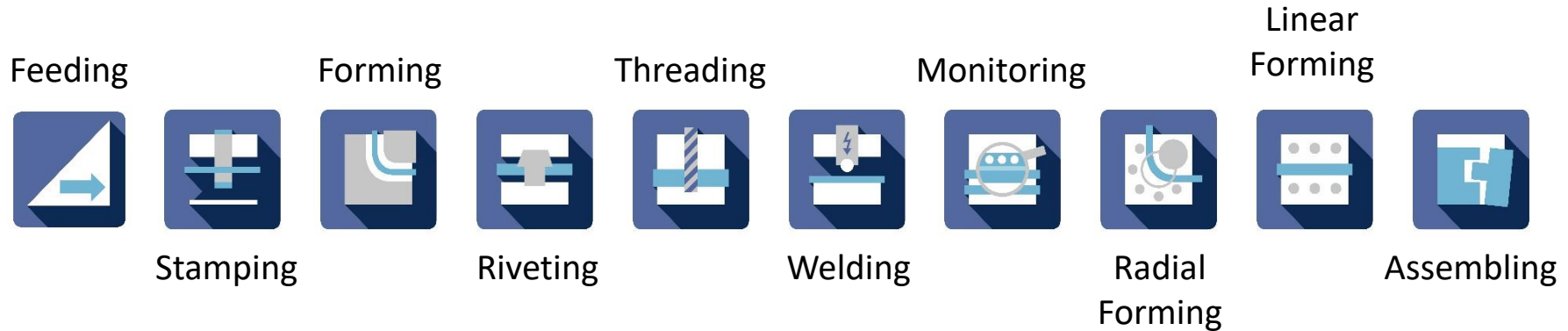
Platform e.g.
Multistamper

Multislide



Increased production flexibility due to modular approach

Module overview





Products

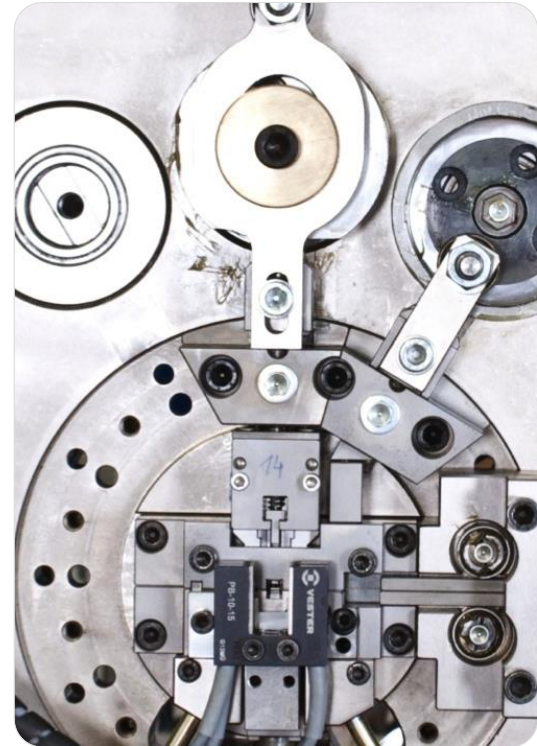
45 years

**of experience in
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Stanzbiegetechnik

...fills the gap between press and multislide

- ✓ Flexible combination of machines + modules
- ✓ More opportunities in the variety of forms
- ✓ Faster production - without set up times
- ✓ Highest precision – without professional staff
- ✓ More productivity - without 0-series



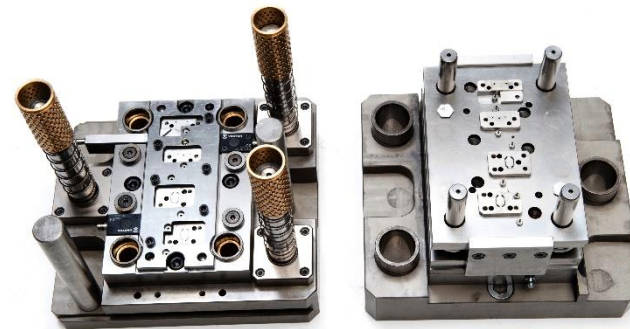
Advantages of modularity of SBT machines

✓ Tool shop

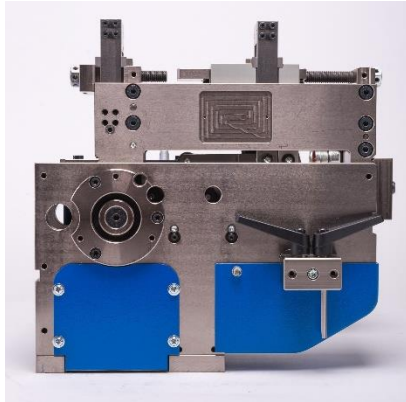
- Qualified staff
- Well equipped tool shop
- Good general conditions (clean, quiet air conditioned, etc.)

✓ Production

- not highly qualified staff (lower costs)
- Low volume production possible
- More flexibility
- Faster changeovers

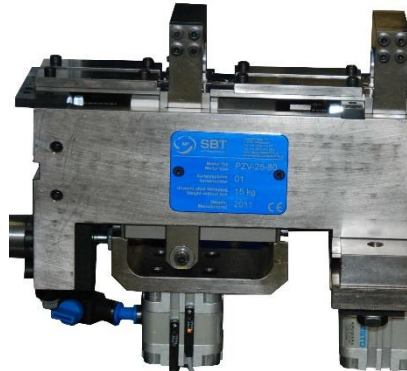


Feeding module overview



Gripper feeder

- ✓ Performance: max. 300 strokes/min
- ✓ Stroke: max. 80 mm
- ✓ Strip width: max. 120 mm



Pneumatic feeder

- ✓ Performance: max. 80 strokes/min
- ✓ Stroke: max. 25 mm
- ✓ Strip width: max. 80 mm

Stamping modules overview



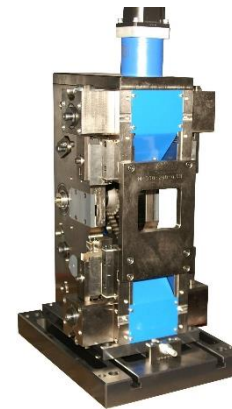
Eccentric stamping module

- ✓ Force: max. 8t
- ✓ Performance: max. 300 strokes/min
- ✓ Stroke: 12 mm
- ✓ Stroke adjustment: +/- 2,5 mm



Precision stamping module

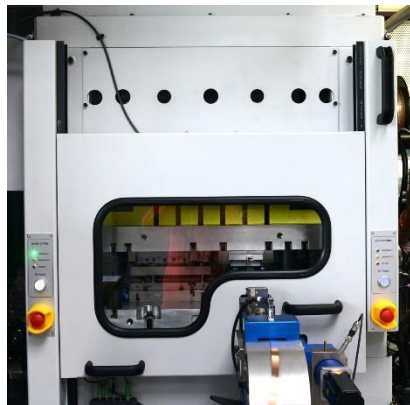
- ✓ Force: max. 8t
- ✓ Performance: max. 300 strokes/min
- ✓ Stroke: 2 mm



Stamping module

- ✓ Force: 2,4t per slide
- ✓ Performance: max. 300 strokes/min
- ✓ Stroke: max. 12 mm tool related

Servo press overview



Servo press 15

- ✓ Force: 15t
- ✓ Performance: max. 300 strokes/min
- ✓ Stroke: 25 mm
- ✓ Stroke adjustment: +/- 2 mm



Servo press 25

- ✓ Force: 25t
- ✓ Performance: max. 300 strokes/min
- ✓ Stroke: 30 mm
- ✓ Stroke adjustment: +/- 2 mm



Servo press 35

- ✓ Force: 35t
- ✓ Performance: max. 300 strokes/min
- ✓ Stroke: 30 mm
- ✓ Stroke adjustment: +/- 2 mm

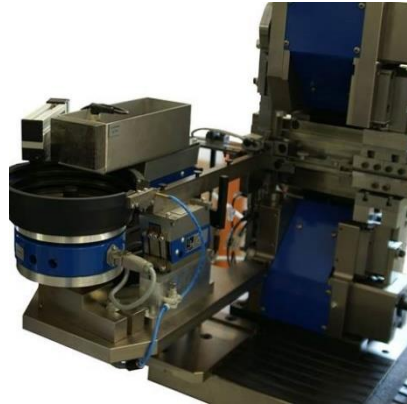
Bending module



Bending module

- ✓ Force: 2,4t per slide
- ✓ Slides: up to 6 slides
- ✓ Performance: max. 300 strokes/min
- ✓ Stroke: max. 12 mm tool related

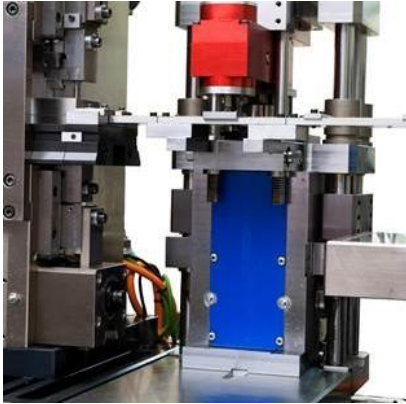
Riveting module



Riveting module

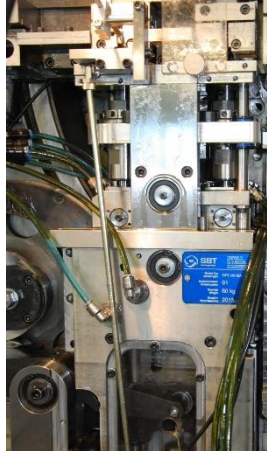
- ✓ Force: 2,4t per slide
- ✓ Slides: up to 4 slides
- ✓ Performance: max. 200 strokes/min
- ✓ Stroke: max. 12 mm tool related

Threading module overview



Threading module

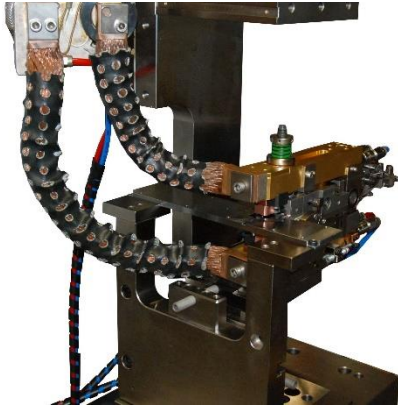
- ✓ Thread: up to M6
- ✓ Performance: max. 150 strokes/min
depending on the thread size



Threading module

- ✓ Thread: up to M6
- ✓ Performance: max. 150 strokes/min
depending on the thread size

Contact welding module overview



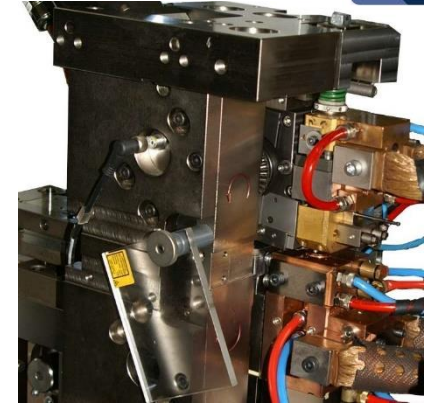
Contact welding module

- ✓ Contact welding head: HSG-500-E
- ✓ Performance: max. 300 strokes/min
- ✓ Measuring system integrated



Contact welding module

- ✓ Contact welding head: HSG-600-E
- ✓ Performance: max. 300 strokes/min
- ✓ Moveable between 0-90°
- ✓ Measuring system integrated



Contact welding module

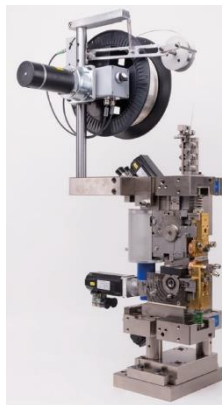
- ✓ Contact welding head: HSG-700-E
- ✓ Performance: max. 300 strokes/min
- ✓ Measuring system integrated

Additional welding modules



Contact pill welding module

- ✓ Contact welding head: PIL-500-E
- ✓ Performance: max. 200 strokes/min
- ✓ Measuring system integrated



Wire welding module

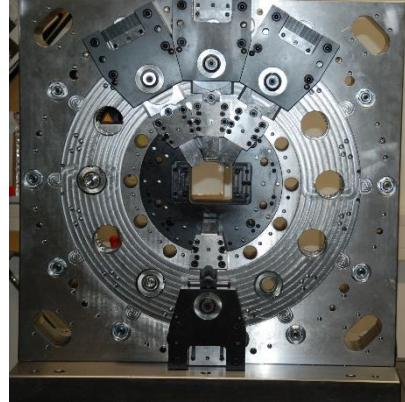
- ✓ Contact welding head: VDG-810-E
- ✓ Performance: max. 200 strokes/min
- ✓ Measuring system integrated

Radial module overview



Radial module

- ✓ Force: max. 0,5t per slide
- ✓ Performance: max. 300 strokes/min
- ✓ Stroke: max 10 mm tool related
- ✓ Movement cam operated



Radial module

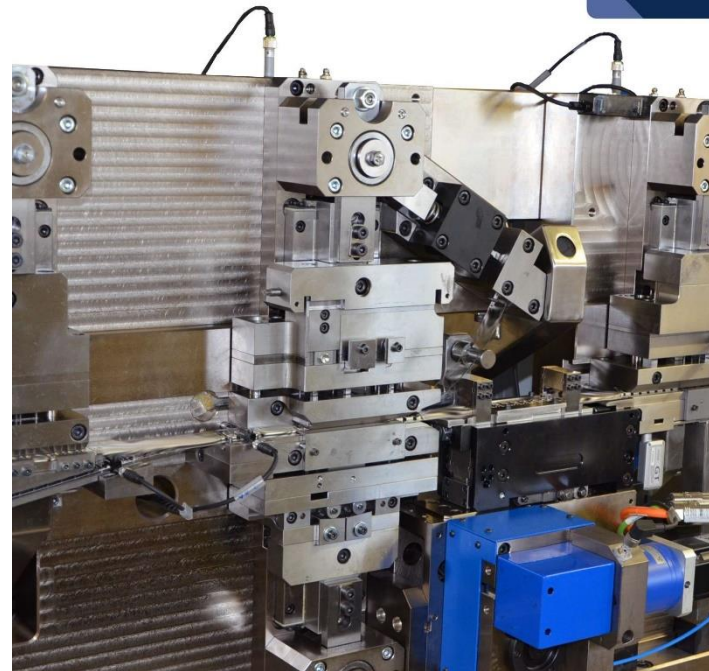
- ✓ Force: max. 2,4t per slide
- ✓ Performance: max. 300 strokes/min
- ✓ Stroke: max 15 mm tool related
- ✓ Movement cam operated

Linear module



Linear module

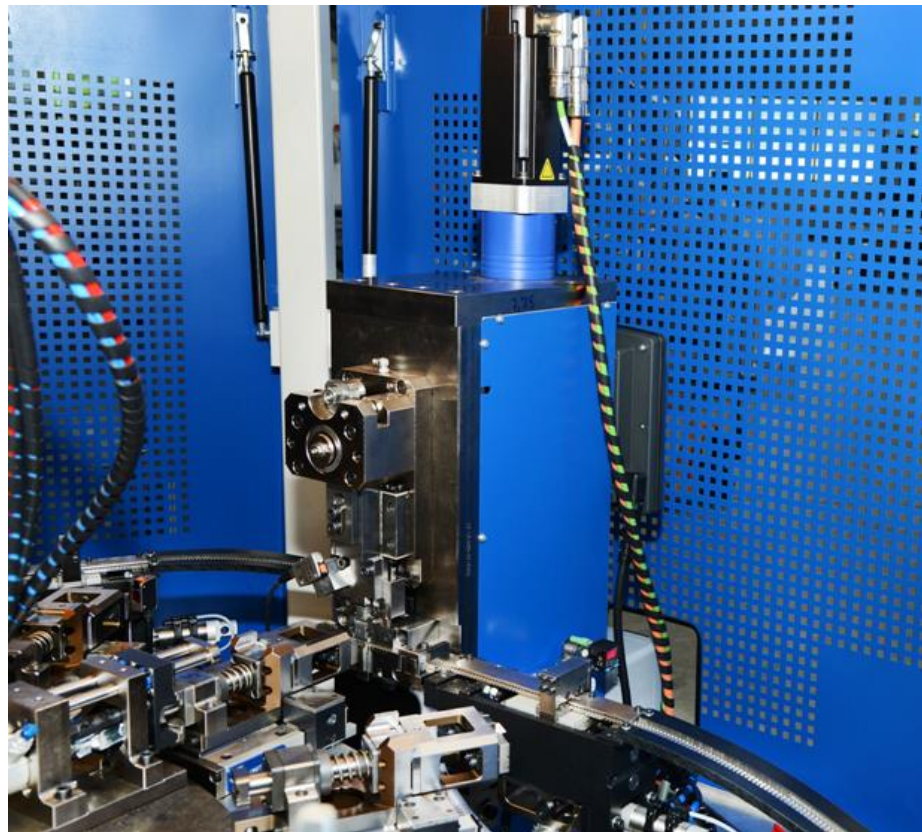
- ✓ Force: 2,4t per slide
- ✓ Slides: up to 6 slides and more
- ✓ Performance: max. 300 strokes/min
- ✓ Stroke: max. 12 mm tool related



Assembly module

Linear module

- ✓ Force: 2,4t per slide
- ✓ 3 motion solution
- ✓ Performance: max. 50 strokes/min
- ✓ Stroke: max. 12 mm tool related



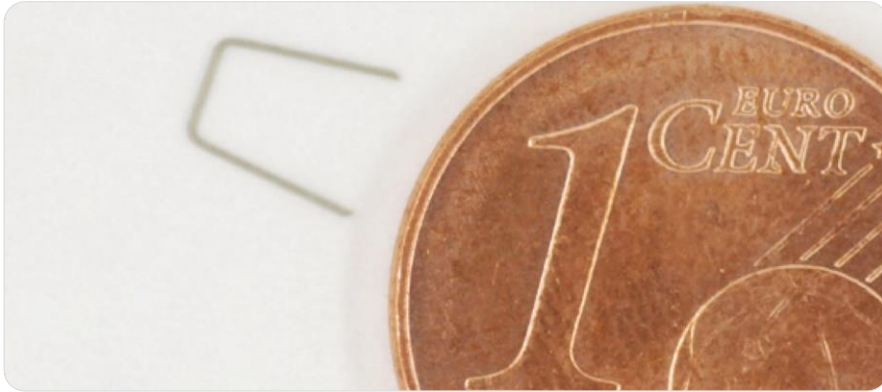
Machine example 1: Flex Cell – SBT FC1000

- ✓ 1,000 mm clamping plate
- ✓ Up to 3 processing modules can be integrated
- ✓ Central touch screen control
- ✓ Module and motor settings can be stored
- ✓ Decentralized drive technology
- ✓ Synchronous servo axis



Flex Cell – SBT FC1000

Application example 1



Part

Medical Staple

Material

Titanium wire $\varnothing$ 0,2 mm

Stroke rate

> 200 strokes/min



Flex Cell – SBT FC1000

Application example 2



Part

Fuse

Material

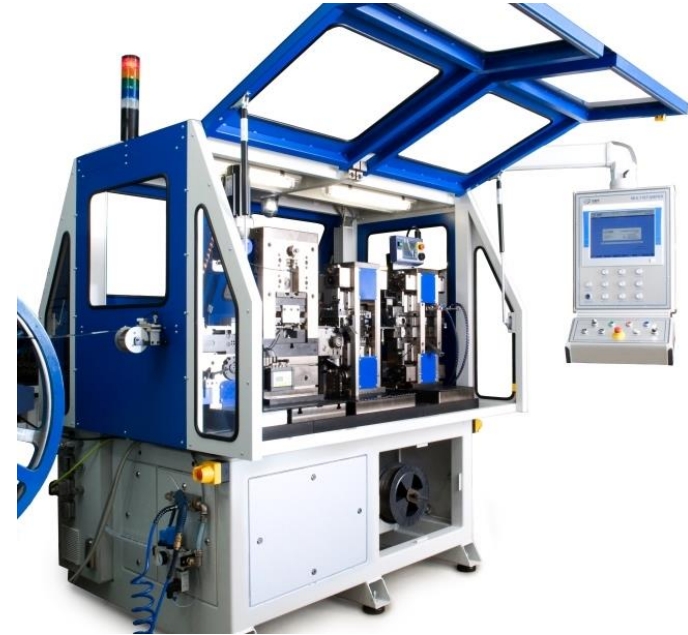
Cu with silver inlay

Stroke rate

> 200 strokes/min

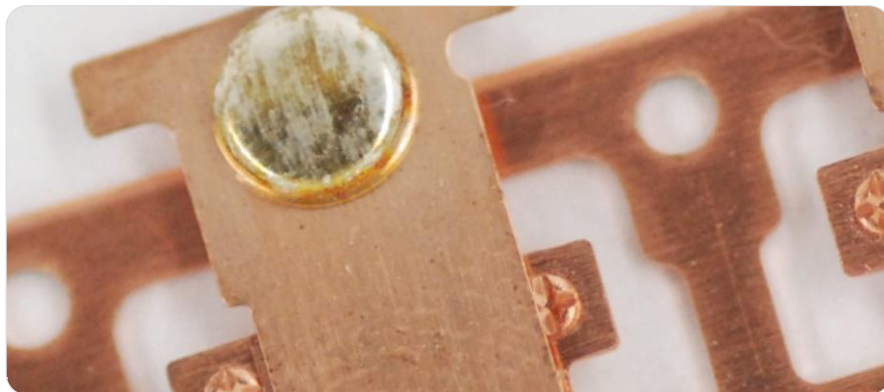
Machine example 2: Flex Cell – SBT FC1800

- ✓ 1,500 mm clamping plate
- ✓ Up to 9 processing modules can be integrated
- ✓ Central touch screen control
- ✓ Module and motor settings can be stored
- ✓ Decentralized drive technology
- ✓ Synchronous servo axis

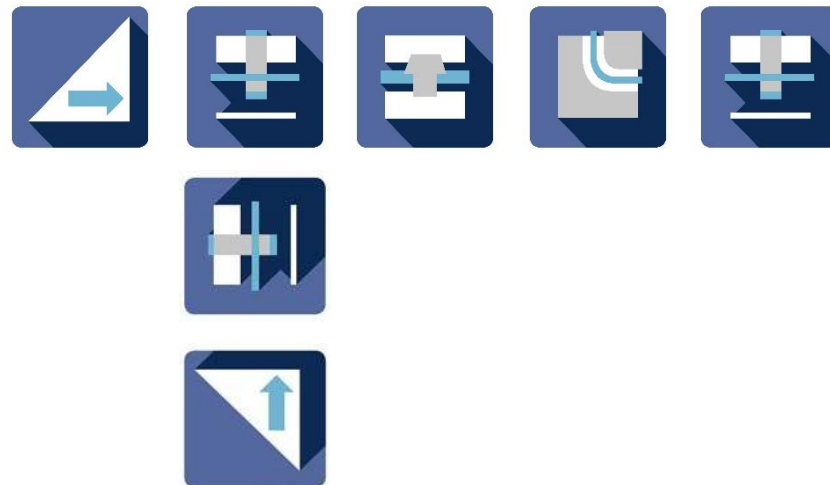


Flex Cell – SBT FC1800

Application example 1

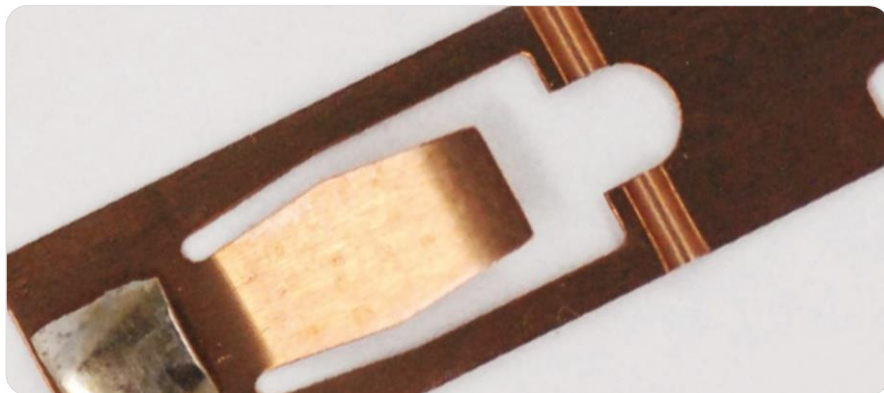


Part	Relay spring
Material	CuBe
Stroke rate	150 strokes/min



Flex Cell – SBT FC1800

Application example 2



Part	Contact spring
Material	NiBe2
Stroke rate	250 strokes/min

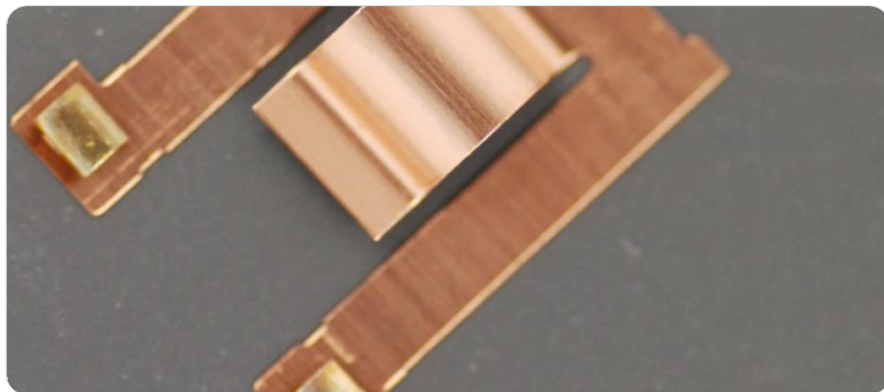
Machine example 3: Flex Press Center – SBT F2PC

- 1,600 mm clamping plate
- Up to 12 processing modules can be integrated
- Central touch screen control
- Module and motor settings can be stored
- Decentralized drive technology
- Synchronous servo axis
- modular machine frame
- Two servo stamping machines integrable



Flex Press Center – SBT F2PC

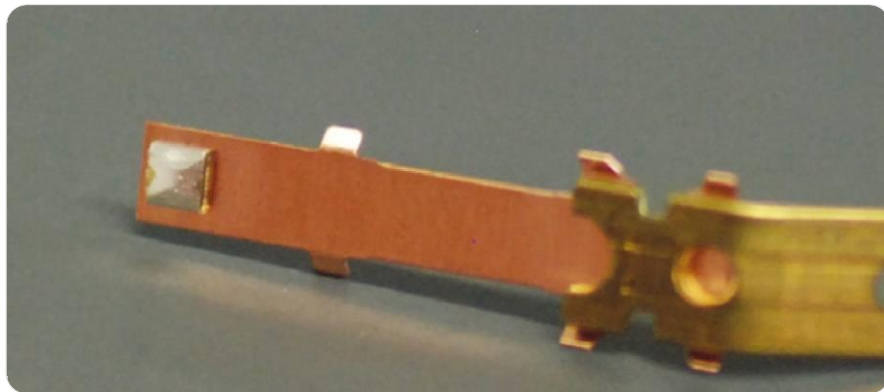
Application example 1



Part	Contact spring
Material	CuBe
Stroke rate	250 strokes/min

Flex Press Center – SBT F2PC

Application example 2



Part

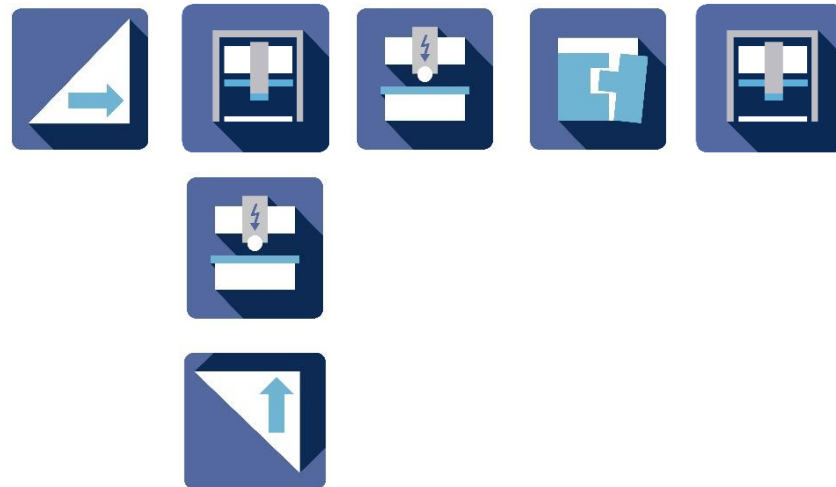
Tab spring

Material

CuMs

Stroke rate

250 strokes/min



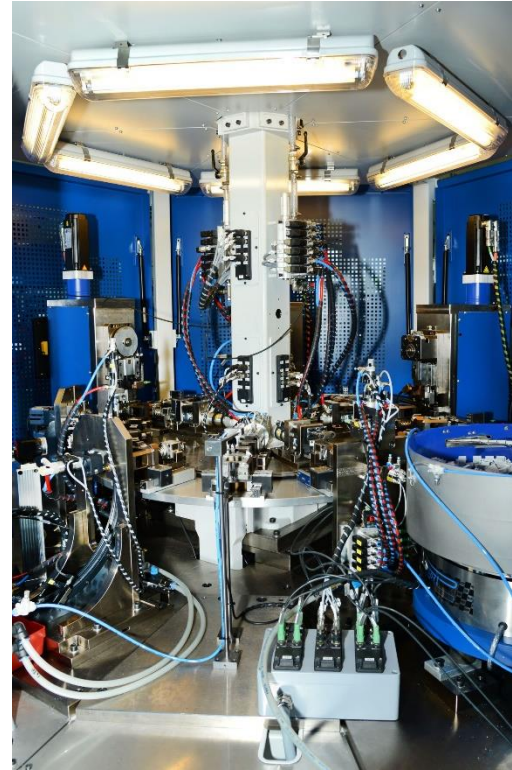
Machine example 4: Flex Press Center – SBT F1PC

- ✓ 1,100 mm clamping plate
- ✓ Up to 6 processing modules can be integrated
- ✓ Central touch screen control
- ✓ Module and motor settings can be stored
- ✓ Decentralized drive technology
- ✓ Synchronous servo axis
- ✓ One Servo stamping machines integrable
- ✓ Monoframe with air suspended machine feet



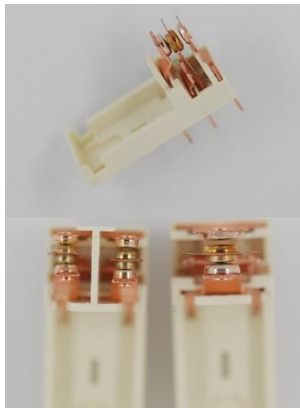
Machine example 5: Multiassembler machine

- ✓ 1,200 mm index table
- ✓ Up to 12 processing modules can be integrated
- ✓ Central touch screen control
- ✓ Module and motor settings can be stored
- ✓ Decentralized drive technology
- ✓ Synchronous servo axis
- ✓ Servo driven assembly modules can be used in „Standalone-Mode“



Multiassambler

Application example



Part

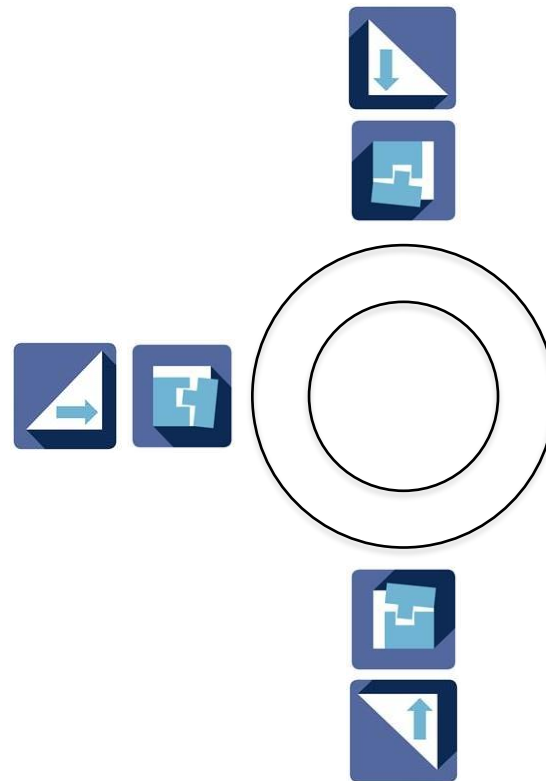
Relay

Material

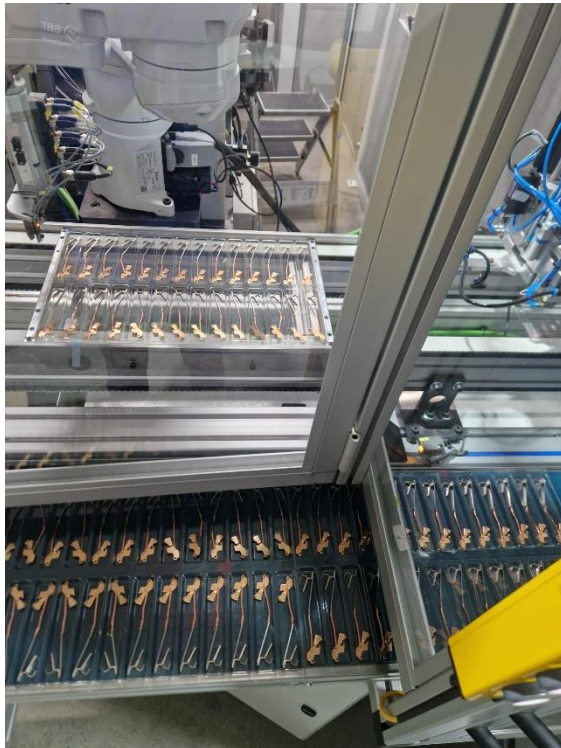
Plastic body + Cu springs

Stroke rate

30 parts/min



Machine example 6: Packaging solutions



45 years experience in stamping, forming & welding technology

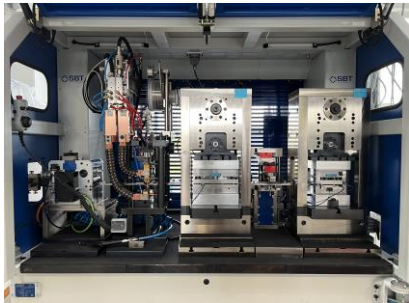
SBT FlexCell



SBT FlexPressCenter



SBT FlexSystem





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