

Casting Solutions_Spotting Press



The KUKA spotting presses create the durable basis for highest quality and precision. Each mold maker who tests his products in a press achieves a high product quality and prevents production failures and standstills at his customers.

Quality and precision in mold construction

Mold spotting is a quality assuring task in mold construction to supply best possible products. So you reach high service lives in everyday production and deliver faultless products. Even in very large molds, fractions of millimeters are important. This is often decisive for tight closing of the mold. The spotting presses contribute to better final products and also save time- and cost-intensive test runs in the production environment.

Advantages of the spotting press

The uniform distribution of force at the ram is decisive for the spotting presses. This is ensured by casted and ribbed box profiles and clamping platens. Compared with welded steel profiles, they transfer the forces extremely distortion-free and in highest precision. Besides this, the spotting presses offer lots of other advantages:

- Comfortable operation with continuously joystick regulation for pressure and speed
- Intelligent control system prevents operating errors
- Easy to read text display gives clear feedback on the system status
- Ergonomic working due to the possibility to swivel out the upper die half by 180°
- Large passage between columns allows large molds
- Clamping of oversize molds possible
- Horizontal positioning accuracy of the movable platen: 0.04 mm
- Plane parallelism of the two clamping platens in the range of ± 0.1 mm per 1,000 mm

Casting Solutions_Spotting Press

Technical data

	Clamping platen size [mm]	Pressure force standard [kN]	Pressure force option [kN]	Max. mold weight [to]
TUS 80	800 × 1,100	500	1,000	5
TUS 100	1,000 × 1,300	500	1,000	8
TUS 130	1,300 × 1,600	1,000	2,000	12
TUS 160	1,600 × 2,000	1,000	2,000	20
TUS 180	1,800 × 2,500	1,000	2,000	30
TUS 200	2,000 × 3,000	2,500	4,000	60
TUS 300	3,000 × 3,000	2,500	4,000	100
TUS 400	4,000 × 3,000	2,500	4,000	100



Select the suitable version

With eighth different spotting press versions we cover all your requirements in mold construction.

Select the suitable accessory

- 95° swiveling
- 180° swiveling
- Increase of pressure force
- Tilting table ± 60°
- Turning unit
- Positioning control
- Positioning control with mold and machine protection
- Increase of speed
- Ejector
- Control equipment for hydraulic core pulls

For further information please contact us at
casting.industries.de@kuka.com