

KUKA



KUKA Industries

KUKA fast trimming presses of the latest generation

Rising energy costs and ever greater demands on production pose new challenges for production equipment. To meet these, KUKA Industries has developed a new hydraulic trim press series, a modern controller generation with touch display and a drive concept using a servomotor.



Welcome to the future

The DIALOG IV controller generation was specially developed for and with our customers. The intuitive and simple operator control via the touch function opens new possibilities. Tool-specific programs can be quickly created, modified, saved and reproduced. Absolutely consistent communication with the reisPAD is assured.

Robust hardware buttons enable operation of the press even in the harshest foundry conditions.



The power pack

The re-engineered hydraulic unit sets new standards. All components are installed in maintenance-friendly positions and the fittings and control blocks are electro-galvanized throughout. The valve systems are provided by renowned manufacturers. A circulation pump ensures constantly high oil quality and controls the temperature of the unit.

The drive unit generates pressure of over 200 bar. Forces between 300 and 3,000 kN can be generated using the main cylinder.

The Servo-hydraulic system reduces the energy requirements of the trimming press by up to 60%*.

* Depends on customer and component

User-friendly

The relevant control units for the machine operator are located on the front left-hand side of the press, while those for the maintenance personnel are all to be found in the media cabinet.

The service unit, exhaust valves and pneumatic valves control the pneumatic actuators on the machine. Besides the pneumatic equipment, the hydraulic valves for side loader motions, central lubrication and minimal quantity lubrication are installed in the media cabinet. Consumables can be refilled at any time.

The tooling can be connected at the rear of the media cabinet in a user-friendly manner by means of hydraulic and pneumatic quick-action couplings. Quick disconnect electrical interfaces are also located at the rear of the media cabinet.

	30 t	65 t	100 t	200 t	300 t
SEP08-05	■				
SEP10-07	■	■			
SEP13-07	■	■	■		
SEP13-10		■	■		
SEP16-10		■	■	■	
SEP22-12			■	■	■



Options packages

- Three column version, optional rear right/left
- Flexible installation heights
- Table height
- Slot picture in table top and plunger
- Use bars and inserts
- Tool centering on table and plunger
- Help for tool change
- Safety fence on side, rear and presses control side
- Press forces between 300 and 3,000 kN
- Strokes on the lower holder cylinder with and without sensorik

Servo hydraulic

- Thermostatic oil cooling
- Tank monitoring elements
- Variable low holder control
- Page slider controls stationary and mobile
- Central lubrication system
- Blow out stationary and mobile
- Tool lubrication
- Enlarged operating panel
- External E-motor control



Together with our affiliated companies, KUKA Robotics and KUKA Systems, we can be found locally all over the world.

Argentina	Malaysia
Australia	Mexico
Austria	New Zealand
Belgium	Norway
Brazil	Poland
Canada	Portugal
Chile	Russia
China	Sweden
Czech Republic	Switzerland
Germany	Singapore
Hungary	Slovakia
France	Spain
Great Britain	South Africa
India	Taiwan
Italy	Thailand
Japan	Turkey
Korea	USA

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