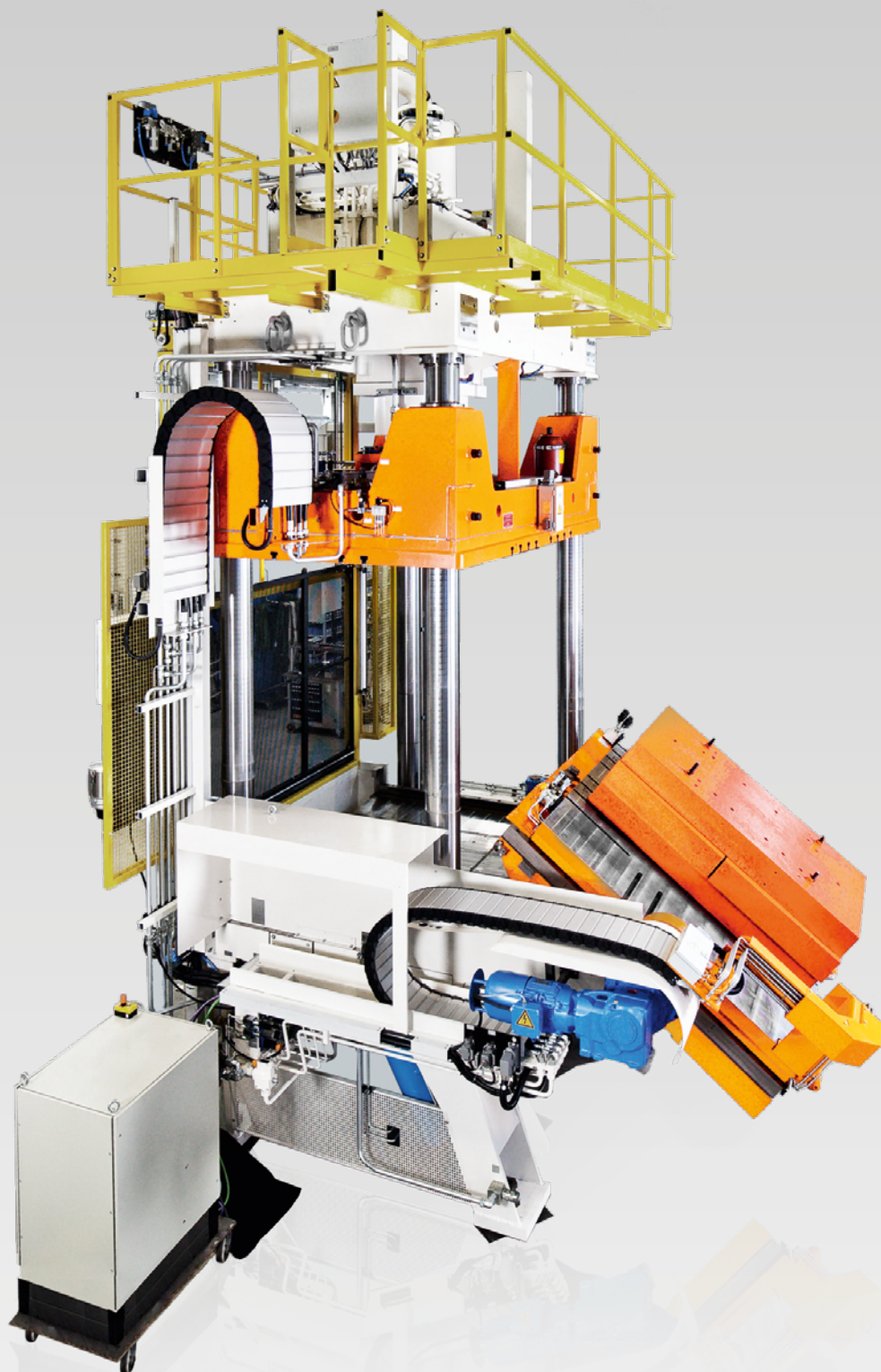


Casting Solutions—New generation **Sliding/Tilting Trim Press**
with DIV controller



Sliding/tilting trim presses

powerful and efficient

With the KUKA sliding/tilting trim presses you secure quality and performance with a system: The presses guarantee a process-safe automation and offer you high flexibility in the casting cell design.

The press series with different models offers you optimal solutions and many advantages for your automatic operation

- Optimum setup with the least effort
- Modular, flexible system for diverse casting cell designs
- Process-safe scrap removal and tool cleaning
- Complete accessory for additional operations at the casting possible
- High stability and short cycle time due to low installation height and small strokes
- Manual operation for short-time emergency operation possible

New Dialog IV controller

As with the fast trimming presses, the controller of the sliding/tilting trim presses is adapted to the latest DIV controller generation. This allows all familiar functions to be used, including:

- Parallel motion of up to five actuators simultaneously
- Tool configurator facilitates programming of the sequence
- Programmable homing run
- User administration
- Comprehensive diagnostic options

Optionally available

- Logbook function (traceable modifications)
- Integration of cell visualization
- Remote box for remote maintenance
- Pressure-free decoupling of the trimming tools

To further enhance productivity, the presses are equipped with new components such as the high-efficiency electric drive of the tilting table. An energy recovery management system can optionally be installed. This increases the velocity of your press processes and leads to shorter cycle times.

Conversion instead of new purchase

The conversion package for your tilting table, consisting of the electric drive system and the slide cylinders, is available as a retrofit kit. This makes it possible to quickly and easily convert presses with a conventional hydraulic swivel drive.

The overall package of the new generation is equipped with further adaptations for increasing the speed in order to achieve an even shorter cycle time. The press is also equipped with a servomotor, offering the advantage of reduced energy consumption.

Electric servo drive for the hydraulic pump

- Optimum control possibilities for the side loader motions
- Pressure and flow rate specifications for motions
- Energy savings through situation-dependent motion
- Higher velocities and flow rates compared to the Dialog III series

Further options

- Number and positioning of side loaders selectable
- 12" touch display
- Different installation heights selectable
- Side loader connections on tilting table
- Tool clamping system
- Maintenance platform



Presses in different versions

The models of the sliding/tilting trim presses differ both in size of the clamping platen and in the dimensions of the tool mounting space and passage between columns. Each sliding/tilting trim press is available as 3- or 4-column press. The pressure force depending on design is between 650 kN and 2,000 kN.

Further increase in performance and reduction in cycle time through

- Higher flow rate due to servo technology
- Faster motion of the sliding table
- Loading processes for blankholders during tilting
- Optimal acceleration ramps

New drive system of the tilting table using servo-electric drive

- Freely programmable velocities and positions for optimal cleaning of the lower tooling
- High velocities for the tilting process and thus short cycle times
- No hydraulic system with temperature dependencies and thus no wear due to the use of HFC
- Reduction of the noise level

Technical data

| | 65 tons | 100 tons | 200 tons |
|---------------|---------|----------|----------|
| SEP13 DIV SKT | ☉ | ☉ | |
| SEP16 DIV SKT | | ☉ | ☉ |
| SEP22 DIV SKT | | ☉ | ☉ |

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, China |
| Italy | Thailand |
| Japan | Turkey |
| Korea | USA |

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

KUKA Industries GmbH & Co. KG Walter-Reis-Strasse 1, 63785 Obernburg /Germany T +49 6022 503-0 F +49 6022 503-110 info.industries.de@kuka.com
KUKA Deutschland GmbH Zugspitzstrasse 140, 86165 Augsburg /Germany T +49 821 797-0 F +49 821 797-1991 kontakt@kuka.com

Specifications regarding the characteristics and usability of the products do not constitute a warranty of properties. They are intended to serve informative purposes only. Solely the respective contract of sale shall be binding in respect of the extent of our services and supplies. Some items of equipment depicted in the illustrations are optional and are not included in the standard scope of supply. Technical Data and illustrations are not binding for the delivery. Subject to change without prior notice.

PF|Schiebekipptischpressen|EN|02|0519