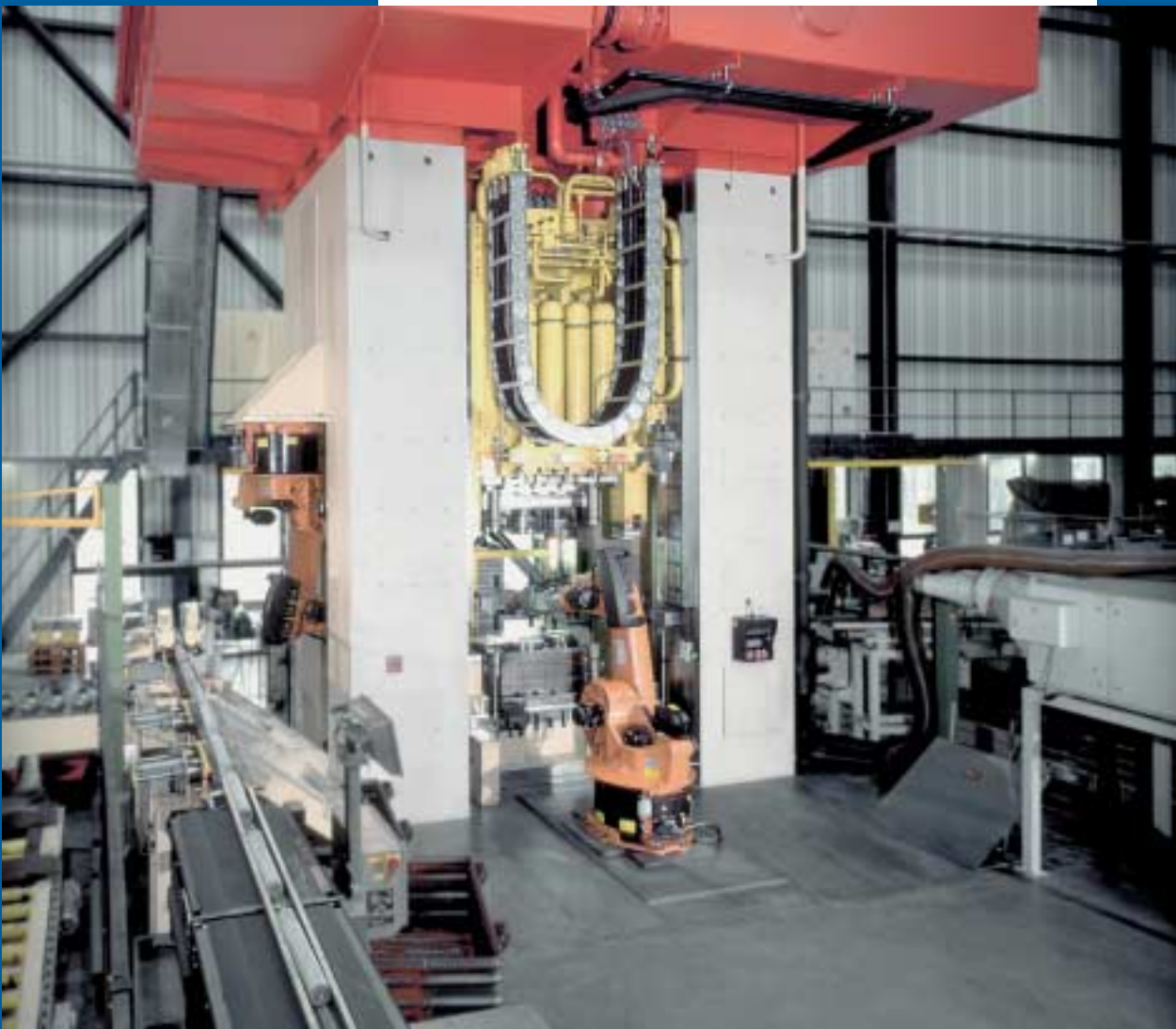


Hydraulic Press for Forming from Solid





Hydraulic Press for Forming from Solid

REQUIREMENT

- The manufacture of truck drive shafts
- High levels of uptime by means of fully automated line concept
- Flexibility of the line and high production rates at the same time

SOLUTION

- Hydraulic transfer press for forming from solid with a press force of 25,000 kN (2,800 US tons)
- Dynamic 3-stage slide cylinder selection for increased production rates
- Fully automated manufacturing system with blank sorting and weigh station, part handling by three robots for loading, turnover, and unloading

Technical specifications

Slide force	25,000 kN (2,800 US tons)
Max. slide stroke	1,250 mm
Daylight	2,500 mm
Bed size	1,500 x 1,200 mm
Three bed ejectors	1,000 kN, 1,600 kN, 1,000 kN (110, 180, 110 US tons)
Three slide ejectors	500 kN each (55 US tons)
Spacing between stations	400 mm
Die change	By means of a die change arm and a freely movable die change cart
Automation	<ul style="list-style-type: none"> • Sorting and loading device consisting of bin tipper, step feeder, weigh station, blank reject station, conveyor belt, adjustable loading station • Three robots for loading, transfer, turnover, and unloading • Two cycling conveyors for manual loading and unloading • Two U-shaped pallet handling systems
Special characteristics	<ul style="list-style-type: none"> • Continuous transfer operation: robot 2 cycles the parts from station 1 to station 2 to station 3 • Turnover operation: automated turnover of parts from station 1 to station 3 to station 2
Accessories	<ul style="list-style-type: none"> • Hydraulic clamping of die block • Dynamic 3-stage cylinder selection for max. drive speed • Motorized wedge stroke adjustment (BDC adjustment) • Wedge adjustment of single tool station at the slide

SCHULER SMG GMBH & CO. KG

Louis-Schuler-Straße 1 | D-68753 Waghäusel
 Phone +49 (72 54) 988-0 | Fax +49 (72 54) 988-490
 E-mail: info@schuler-smg.de | www.schulergroup.com

SCHULER INCORPORATED

7145 Commerce Boulevard | Canton, Michigan 48187 | USA
 Phone +1 (734) 2 07 72 00 | Fax +1 (734) 2 07 72 22
 E-mail: info@schulerinc.com | www.schulergroup.com