



Fagor Transfer Presses For CAPP (China)

CLIENT

Changchun Automobile Press Parts Co., Ltd (CAPP) is a professional manufacturer for automobile press parts, welding parts and coating parts. The works took place in Qingdao and Tianjin CAPP plants.

FAGOR Arrasate is a world specialists in design, manufacture and supply of forming machine tools, from presses and complete stamping systems to lines for manufacturing, processing and cutting sheet metal. Fagor supply presses using mechanical, hydraulic or the most updated servodriven technology depending on the needs of the Users.

TASK

Software preparation and commissioning of the Transfer Press automatic control system. The machine consisted of two main parts: Press and Transfer and Loader Unit. Maximum stamping force of the press was 25000 kN. The Press control system consisted of Simatic PLC cooperating with Sinamic Control Unit for the press main drive control. Transfer and Loader Unit were controlled by Rexroth Numerical Control System. Maximum production speed of the machine is 25 parts per minute.

ACCOMPLISHED WORKS:

- Throughout check of the control system electrical installation
- Preparation of the Control Software according to the customers standard
- Commissioning of the control system
- Commissioning and adjustment of the HMI System

TECHNICAL SPECIFICATION:

- Siemens Simatic S7-317F Controller,
- Sinamics S120 Control Unit CU320-2-PN,
- ABB ACS355 Drives,
- Beckhoff CX5020 Industrial PC,
- Beckhoff C6930 Industrial PC,
- 8 Rexroth IndraDrive Numerical Control Units
- Profinet Network
- AS-i Network

