

# Training Modules MC20

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## General

MC20 is a Graphic Human Machine Interface used for single presses, rebuilds and "low demand" lines.

The system include components from two manufacturers:

- Siemens PLC S7-400 & Operator panel OP27-MP270
- Allen Bradley Control Logix & Operator PanelView 900

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## MC20 Service Level Training

This module is intended for a "stand alone" press.

### Prerequisites:

MC20 Operator Level Training

MC20 Setter Level Training

Hydraulics Training Level 1

Hydraulics Training Level 2

Good knowledge in AP&T's hydraulic system

Basic knowledge in electrical control systems, PLC

### Course topics:

- Safety
- Security backup
- Machine calibration
- Cylinder calibration
- Pressure regulator calibration
- Valve sequence calibration
- Valvistor calibration

Duration	No of participants
16 hours	Max 8
2 days	

- Encoder calibration
- Pump calibration

