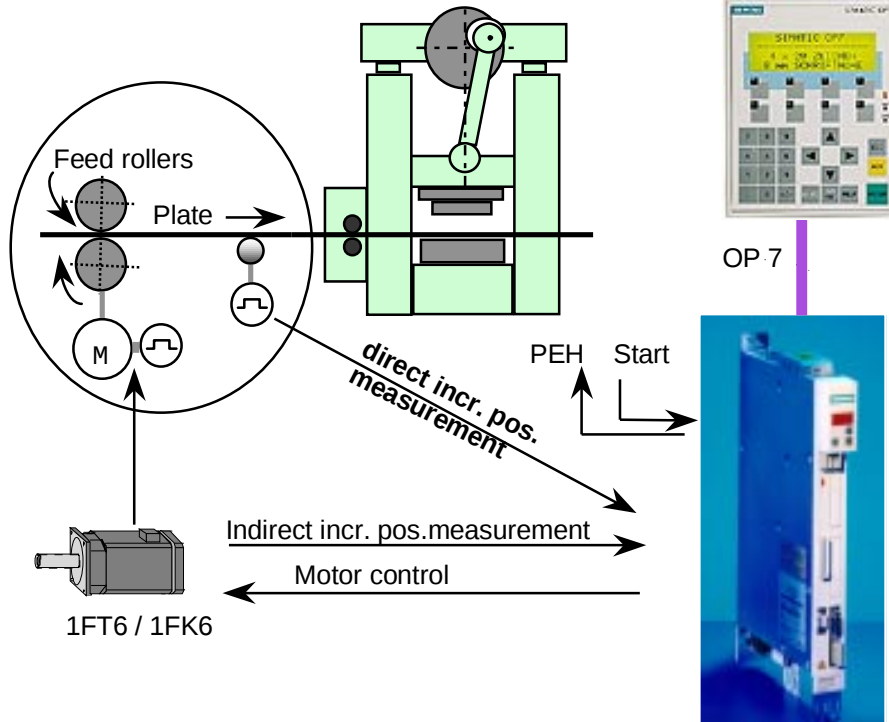


Stand-alone roller feed

SIMOVER MASTERDRIVES MC with technology option F01



Roller feed function

Press control:
Fast start via direct input

Feed control:
High-speed output signal when "Position reached" (PEH)

OP7 operator panel

- Function key control
- Parameter input
- Error diagnostics

SIMOVER MASTERDRIVES MC + technology

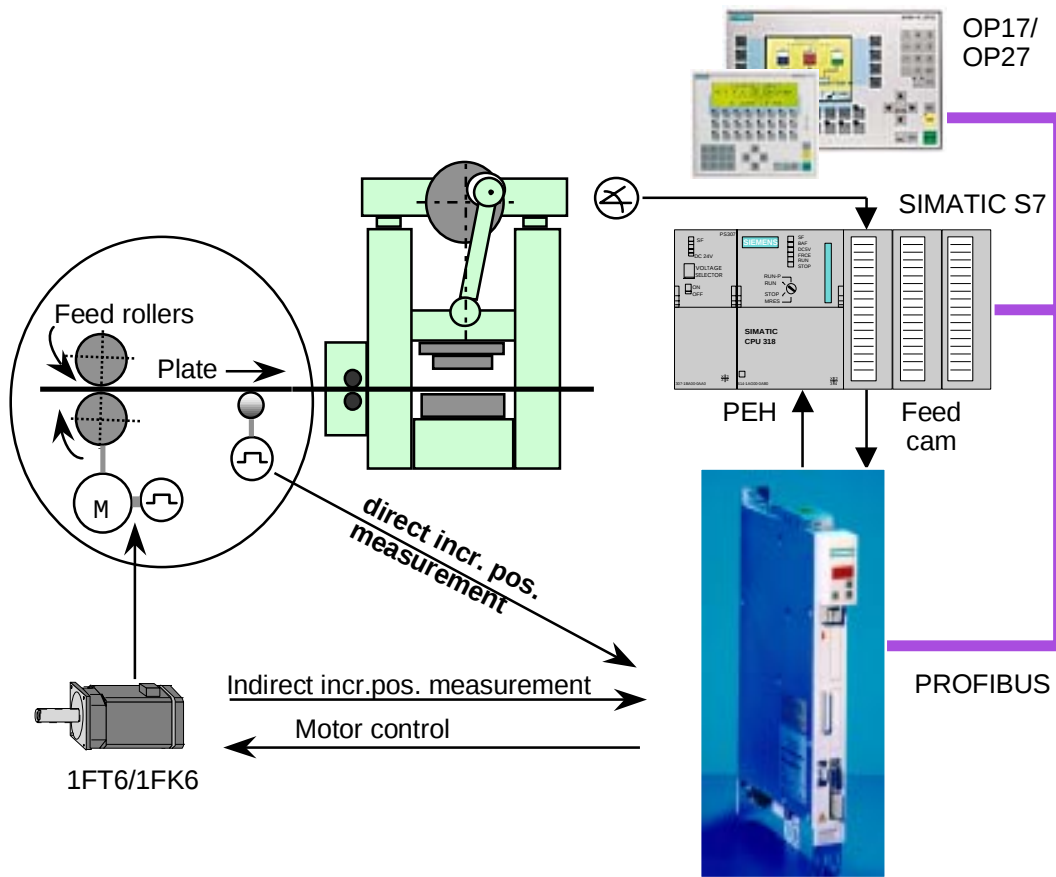
- Infeed, inverter, feed control and technology F01 in one module (AC)
- Installation in control cabinets only 300 mm deep

SIMODRIVE 1FK6 High Dynamic

- Encoder integrated in 1FK6 motor
- Complete with low-inertia gearing (optional)

Roller feed with Press2000 press automation

SIMOVERT MASTERDRIVES MC with technology option F01



Press control system Press2000S

- Cam controller
- Tool position safety
- Press force monitoring

Roller feed function

- Fast start via direct input
- High-speed output signal for "Position reached"

OP17/OP27 operator panel

- Screen forms
- Tool data management
- Error diagnostics

Press2000S

- SIMATIC S7-315DP
- FM 352 cam controller
- SM 335 high-speed analog module

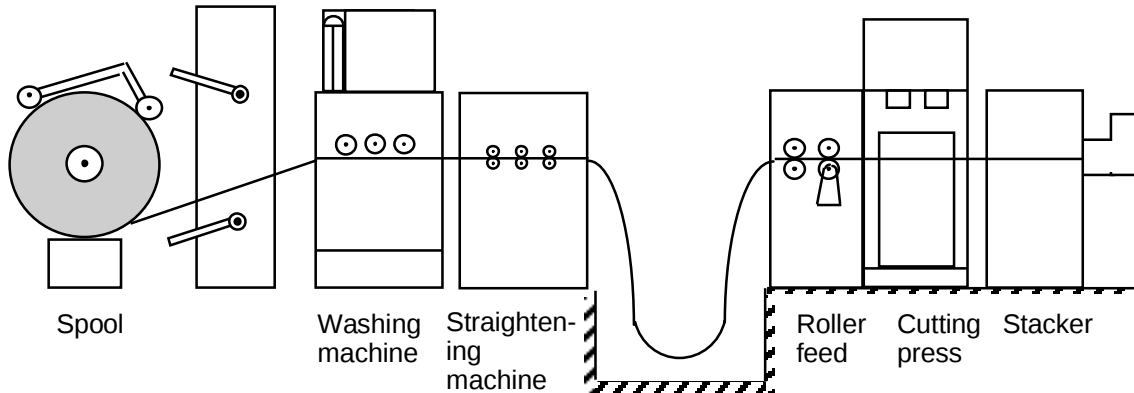
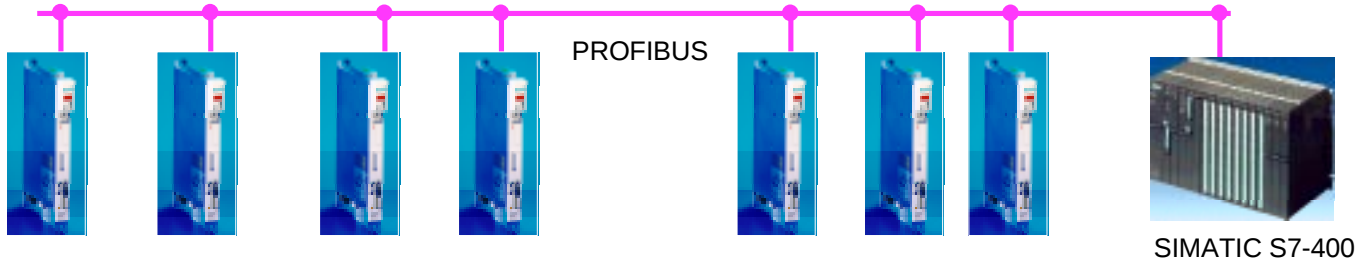
SIMOVERT MASTERDRIVES MC + technology

- Infeed, inverter, feed control and technology F01 in one module (AC)
- Installation in control cabinets only 300 mm deep

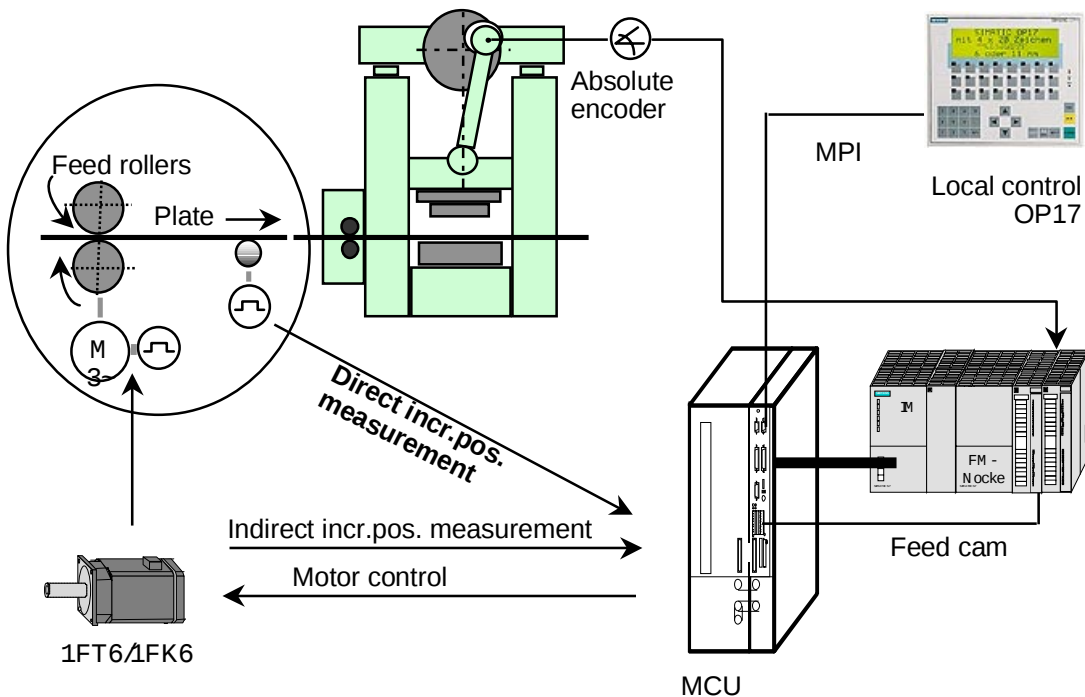
SIMODRIVE 1FK6 High Dynamic

- Encoder integrated in 1FK6 motor
- Complete with low-inertia gearing (optional)

Integrated roller feed SIMOVERT MASTERDRIVES MC with technology option F01



SIMODRIVE 611 MCU 172A with integrated SIMATIC S7-300



Roller feed control

- High stroke rate through instantaneous start
- Speed- and time override
- High Kv values of > 3
- High acceleration/deceleration values of $> 35 \text{ m/s}^2$
- Direct position measurement via measuring wheel
- High clearance function
- Fast position control cycle of 2 ms

Machine control

- User program approx. 76kB
- Short cycle time of < 30 ms
- Connection of an FM 352 via IM 361
- 16 each dig. inputs/outputs (minimum)

Roller feed Stroke rate diagram

Stroke rate 1/min

Feed angle: 270 degrees

180 degrees

90 degrees

