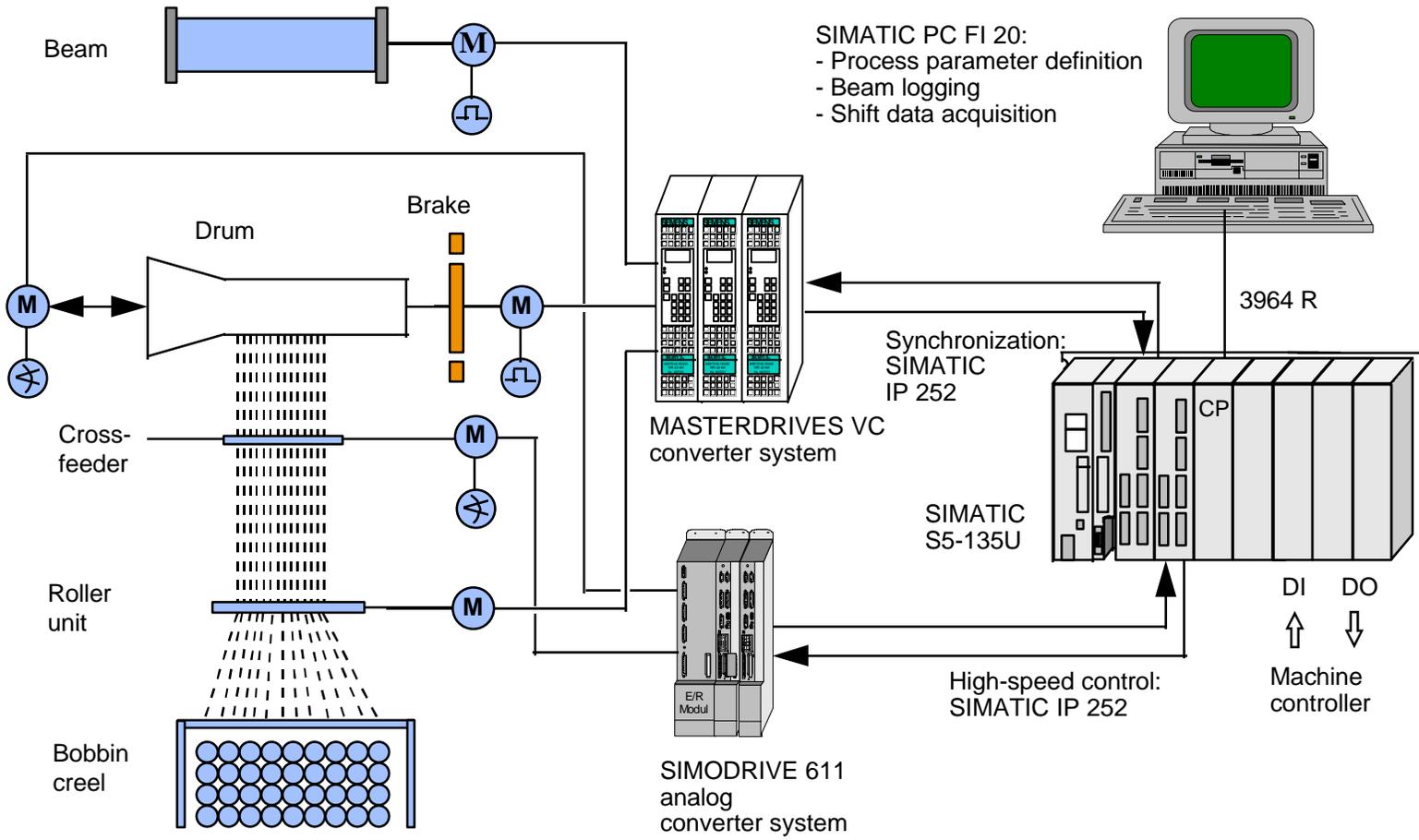


# Warping frame



SIMATIC PC FI 20:  
- Process parameter definition  
- Beam logging  
- Shift data acquisition

3964 R

Synchronization:  
SIMATIC  
IP 252

MASTERDRIVES VC  
converter system

SIMATIC  
S5-135U

High-speed control:  
SIMATIC IP 252

SIMODRIVE 611  
analog  
converter system

DI DO  
↑ ↓  
Machine controller