

BOSSAR

Creating the future



SIEMENS UPGRADE

PLC UPGRADE

BOSSAR

BEFORE



Models S5-100U and S7-200 PLC are outdated and no longer marketed by their manufacturer. As they are no longer supported they can't be repaired or replaced with same the components.



PLC UPGRADE

BOSSAR

AFTER

The PLC can be upgraded by installing one of the SIMATIC S7-1200 series features:

- Temperature control integrated PLC.
- Analog outputs integrated PLC to control speed.
- Profinet integrated and optional Profibus network connection.



PLC UPGRADE

BOSSAR

AFTER

The PLC can also upgrade by installing one of the SIMOTION D410 series features:

- Axis control with built plc.
- Temperature control integrated plc.
- Analog outputs integrated plc for speed control.
- Ethernet / IP, Profinet and Profibus integrated.



HMI UPGRADE

BOSSAR

BEFORE

The TP-27 and TP-6 screens are obsolete, and the manufacturer no longer markets. As they are also no longer supported they can't be repaired or replaced.



HMI UPGRADE

BOSSAR

AFTER

Are replaced by color touch screens KTP-1000 and KTP-700.

Connecting via Profinet, Ethernet or Profibus.



DISPLAY AND TEMPERATURE CONTROL UPGRADE

BOSSAR

BEFORE

The CM-220 and P12-S are obsolete and the manufacturer no longer marketed them, As they are also no longer supported they can't be repaired or replaced.



AFTER

Color touch screen KTP 700.
Settings machine parameters and temperature control integrated into a 7" touch screen.



SERVO DRIVES UPGRADE

BOSSAR**BEFORE**

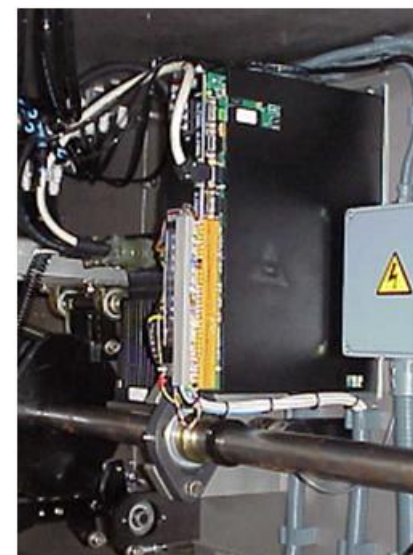
The servo drives are obsolete and the manufacturer no longer marketed, As they are also no longer supported they can't be repaired or replaced. You also need to replace the servo-motors that are incompatible.



INDEXER



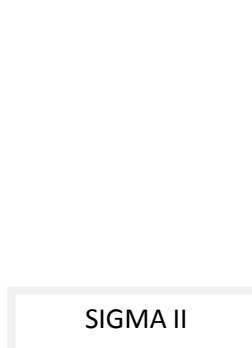
ULTRAPLUS



ELECTROCRRAFT



ULTRA 5K



SIGMA II



SERVO DRIVES UPGRADE

BOSSAR

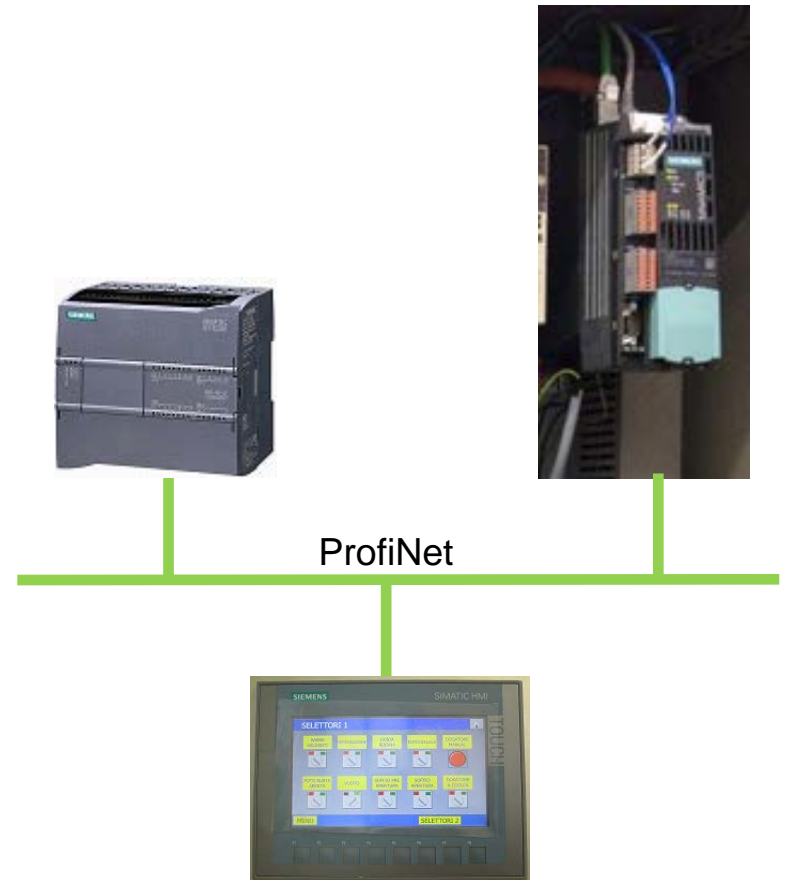
AFTER

Simatic S7-1200.

Sinamics S110 and CU305.

Touch screen KTP700 or KTP1000.

This application is only for Film Feeder without synchronizing the axis machines and Auger Filler.



SERVO DRIVES UPGRADE

BOSSAR

AFTER

Simotion D410 - CU305.

Synchronizes with the
machine shaft encoder via
Profinet.

Color touch screen KTP1000
or KTP700.

This application is for
synchronizing the film feed to
axis of the machine.



ProfiNet



IMPORTANT

- Available upon request, we can also replace your Siemens platform so that it runs on either the Omron or Allen Bradley platforms (this will require changing all the control components too).
- The cost of these upgrades/ renovation would be subject to the current configuration of the machine.

BOSSAR
Packaging SA

BOSSAR
USA Inc

BOSSAR
Chile

BOSSAR
China

BOSSAR
India Pvt Ltd

**Thank you for
your attention**

www.bossar.com