SYNTROL

Supervisory System 4.0 For Extrusion Lines

SYNTROLplus 4.0 is the SYNCRO turnkey supervisory system designed for new extrusion lines but also able to be retrofitted on to an existing extrusion line replacing the old control system. It's never toolate to give a new life to your extrusion line.

PRINCIPLE OF OPERATION

Based on industrial B&R PLC technology, Syntrol 4.0 is a state-of-the-art solution to completely manage the extrusion line with an HTML user friendly operator interface which also allows easy access from smartphones and tablets guaranteeing the customer can continuosly keep their business under control.

MAIN FEATURES

INDUSTRY 4.0 & IOT

Syntrol as with all SYNCRO machines, integrates OPC-UA which allows information to be easily and securely exchanged between diverse platforms from multiple vendors at zero cost.

Thanks to the OPC technology, Syntrol saves engineering costs when exchanging process data between Syntrol controlled machines and other process machines plus allows easy communication between a customers managment software such as MRP, ERP or CRM.

HMI SIZE

Wide range of MultiTouch screen HMI's available: 7" - 15" - 21".

CABINET or PANEL BOX

Available to be installed in a cabinet or in a panel box.

PANEL-OEM

Available also in PANEL version in order to be installed in the OEM's control cabinet for a perfect integration.
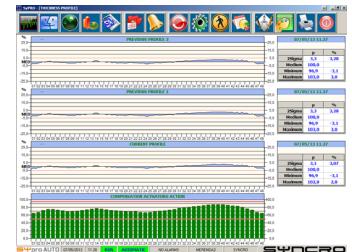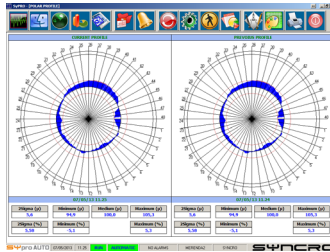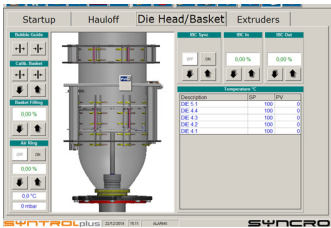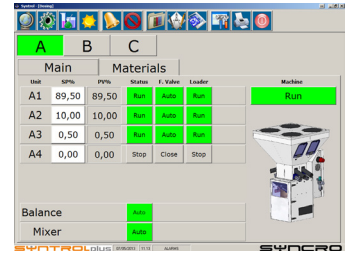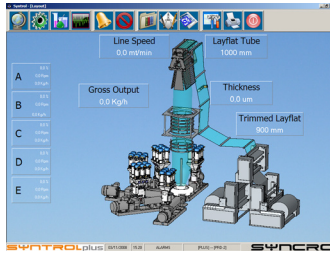
SYNTROL A

Syntrol is designed to control all the SYNCRO machines from conveying to blending, gauging, APC and IBC control.
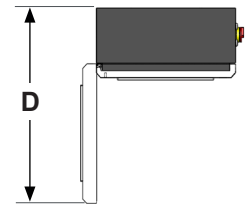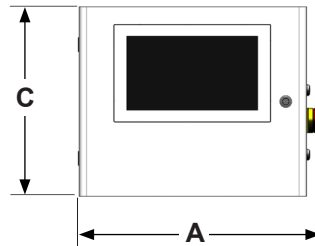
COMPLETE LINE CONTROL with PLUS version

SYNTROL PLUS is designed to control the complete extrusion line including:

- temperature control of all heat/cool and heat only zones;
- speed control of all extruders drives;
- oscillating nip left/right control;
- oscillating nip open/close control;
- haul off drive speed control;
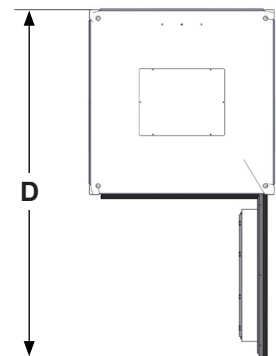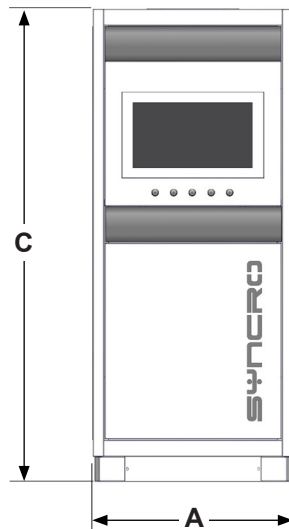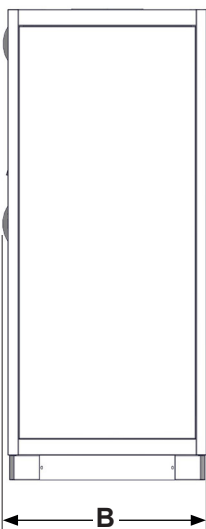- edge guide control, Auxiliary equipment control.

TECHNICAL DATA

Syntrol Box

Syntrol Cabinet

Model	A (mm)	B (mm)	C (mm)	d (mm)	PC
Syntrol Box	635	310	500	840	7" - 10" - 15"
Syntrol Cabinet 600	600	650	1900	1200	15"
Syntrol Cabinet 800	800	800	1900	1500	15" - 21"
Syntrol Cabinet 1000	1000	700	1900	1600	15" -21"

Syncro Group reserves the right to alter the specifications indicated in this catalogue at any time and without prior notice

SYntrol en – 08/21 Ed.