MODULAR MULTIFUNCTIONAL PURLIN LINE

| Product range	Material thickness	Production speed	
U Shape (U100 - U300) C Shape (C100 - C300)	S= 1,5 (1,25) - 3,2 mm	0 - 30 m/min	**BASIC**

| Z Shape (Z100 - Z300) SIGMA-Profiles (S140 - S300) "+" Shape (C+) "+" Shape (SIGMA+) Thermo perforation (to customer specif.) | S= 1,5 (1,25) - 4,0 mm (Optional) | | **OPTIONAL** |

| BASIC SCOPE	OPTIONS		
Movable decoiler (10 tons)			
	Twin decoiler (2x10 tons) - for quick change of coils		OPTION 1
Coil loading table (10 tons)			
Straightener			
Flying punching machine BASIC			
	Add. gantries for Punchng (special cut-outs)		OPTION 2
Flying Notching / shear BASIC (pre-slit)			
	Add. gantries for Notching (special edge cut-outs)		OPTION 3
Inlet conveyor			
Width adjustable rollforming machine U/C			
	Z Shape Forming sections		OPTION 4
	SIGMA Forming section		OPTION 5
	"+" Shape Forming section (C+)		OPTION 6
	"+" Shape Forming section (SIGMA+)		OPTION 7
	Thermo perforation (to customer specifications)		OPTION 8
Flying profile cutter (final profile cutter)			
Outlet conveyor and stacking			
Hydraulic unit	Material thickness up to 4,0 mm instead of 3,2 mm		OPTION 9
Control system	Profile widths up to 400 mm instead of 300 mm		OPTION 10
	DSTV Data transfer		OPTION 11
	Printing system		OPTION 12

Special features of the equipment

> Heavy and strong design
> Hardened roll set (gurantees a long life of roll sets)
> Flying profile-cut production system (cut after profiling)
> Integrated automatic flying CNC punching unit for assembly holes
> Integrated automatic flying cut-out system (notching) of edge parts at begin and end of profiles
> Integrated automatic flying pre-slit system (notching) at begin and end of profiles (endless profiling system - profile cut)
> Integrated flying universal profile cutting system (only one cutting tool for all profile shapes - no tool changing needed)
> Fully automatic adjusting system to profile width and profile hights
> Integrated automatic roll-gap adjustment (no manual roll adjustment for different material thicknesses needed)
> Integrated profile data base (set profile types can be called repeatedly)
> Integrated pattern data base (set pattern types can be called repeatedly)
> Integrated software tool for calculation of required raw material
> External software tool for calculation of required raw material for office-use
> Integrated software tool for remote and local service works and diagnostics
> Easy set-up software tool of product and machine data
> Assignment of the punching tools will be optimized and calculated automatically (guarantees highest possible production speed)
> Windows based operating panel
> Intensive training of operators included
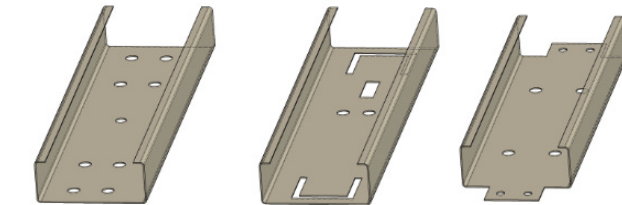> Scope of delivery includes final installation of customers sites
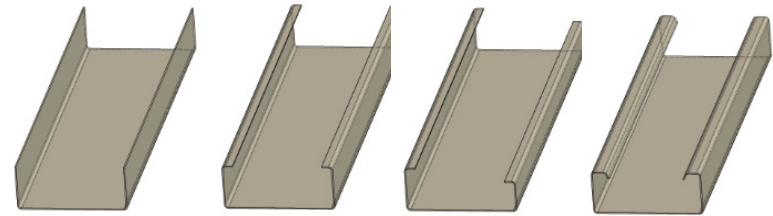
U Profile **BASIC**

C Profile **BASIC**

Asymetric Profile **BASIC**

C+ Profile **Option 6**
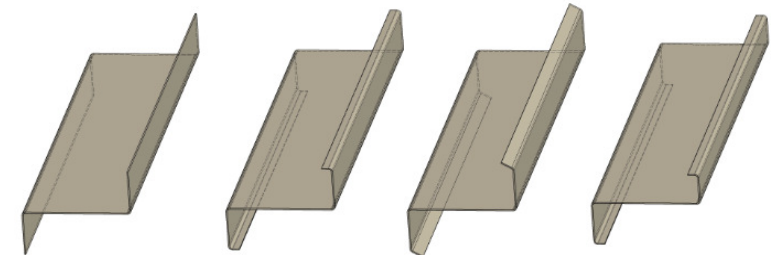
Z- Profile **Option 4**

Z Profile **Option 4**

Z+ Profile **Option 4**

Asymetric Profile **Option 4**
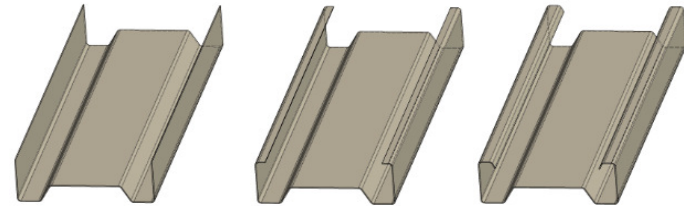
Sigma - **Option 5**

Sigma **Option 5**

Sigma + **Option 7**

Assembly holes (Passable for all profiles) **BASIC**

Special cut-outs (Passable for all profiles) **Option 2**

Special edge cut-outs (Passable for all profiles) **Option 3**