FLEXIBLE ROLL FORMING POSSIBILITIES

SIGMA & SIGMA+ PROFILES
Profile depth: h = 140 - 450 mm
Thicknss: t = 1.25 - 5 mm

ZED PROFILES
Profile depth: h = 140 - 450 mm
Thicknss: t = 1 - 3 mm

CEE & CEE+ PROFILES
Profile depth: h = 50 - 450 mm
Thicknss: t = 1 - 3 mm

U PROFILES
Profile depth: h = 50 - 250 mm
Thicknss: t = 1 - 3 mm

ASYMMETRIC PROFILES
Dimensions on request

FACTBOX:
- Thickness from 1 up to 5 mm
- Heights from 50 up to 450 mm
- Integrated connections
- Flange parallelism
- Punch markers, rolled or inkjet marking
- Small quantities possible

Standard steel quality: S355GD+Z275MA
Just in Time deliveries
Short delivery times
Low entry cost
CE1090

Need a flexible solution? Call us!
“The machines I manage are capable of producing CEE(+), U, SIGMA(+) and ZED profiles mostly used in building applications. These machines are equipped with “flexible units” which lead to shorter setup times than on a conventional roll forming machine.”

Mike, production manager

“I have the privilege of managing the flexible roll forming lines”, says Mike. “Our conventional lines have a tooling system that is unique for each profile and needs to be mounted and dismounted completely with each production.

“The flexible lines offer the advantage that the tooling remains on the machines and can be adapted within a certain range and in a short period of time without dismantling the entire set of stands.”

“As we are able to customise our standard sections, we believe there are a lot of opportunities to make cold-rolled sections on these machines for other industries. At this point we see possibilities in the area of modular building, cable trays, acoustic panels, stage building …”, explains Mike. The shorter conversion time leads to a lower entry cost and allows production of smaller volumes compared to the conventional lines. In most cases we work with a Just In Time (JIT) principle and high quality standards such as CE1090, which is beneficial for the customer. By using intelligent connections, such as AutoConnectMiddle (ACM) and AutoConnectEnd (ACE) and switching from welding to bolting, my assembly time has been reduced by 20%”, a satisfied customer explains. Thanks to our unique range of dimensions and our co-engineering with our clients, we have realised some inspiring new projects. Are you next?

INTEGRATED CONNECTIONS

ACE

ACM + NOTCH

Notch

AutoConnectMiddle (ACM)

AutoConnectEnd (ACE)

FEATURES

INTEGRATION OF INSERTS

LOCAL REINFORCEMENTS

PERFORATIONS

PUNCHED, ROLLED OR INKJET MARKING

Patented by voestalpine Sadef