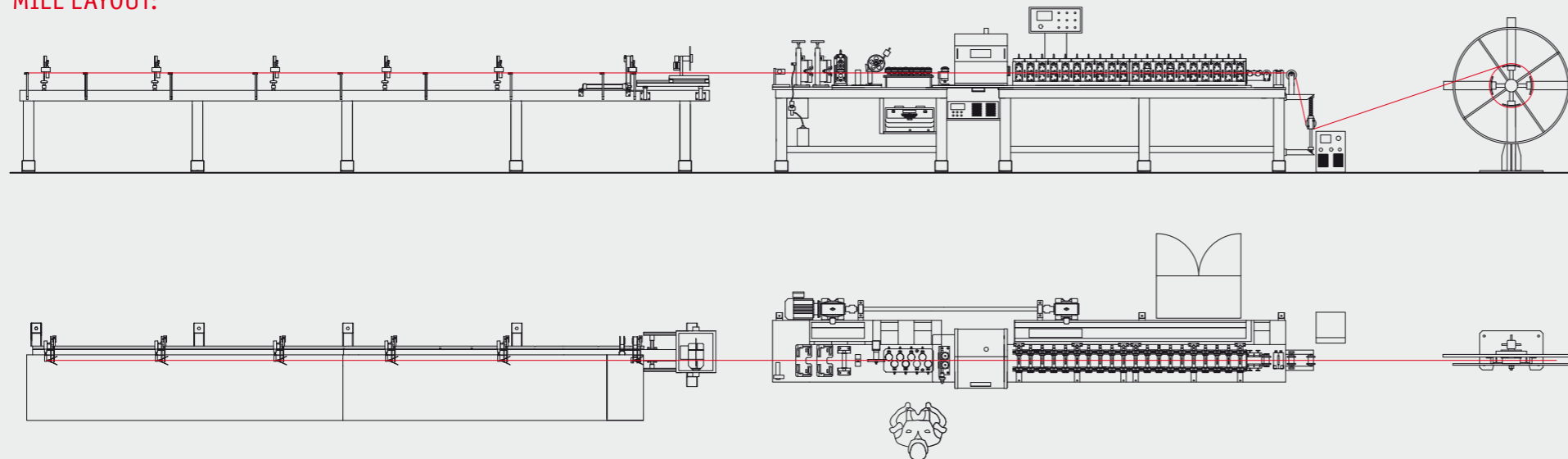


TUBE MILL TO PRODUCE STAINLESS STEEL AND ALUMINIUM SPACER PROFILES FOR INSULATION DOUBLE AND TRIPLE GLAZED PANELS

SPL 0,3-20/80/8/15/1PB



MILL LAYOUT:



Mill characteristic:

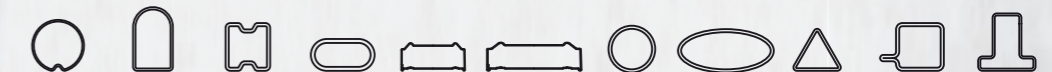
The mill is designed to produce longitudinally welded stainless and aluminium window spacer profiles in widths from 8–20 mm. The design concept is both progressive and very simple from the point of view of running and servicing. The forming section is equipped with a system of quick changing cages of tooling – so called RVS which enables a quick change of the type of profile to be made, specifically profiles with widths 8, 12, 14, 16, 18 and 20 mm. The profile is welded with currently the most progressive Laser IPG 200 W. It is possible, after an agreement with the customer, to change the Lazer for one with higher power and thus increase the production speed of the mill.

Possible production range of the mill:

Stainless steel tubes to \varnothing 25 mm and profile dimension 20 x 20 mm

Profile type x wall thickness (mm) stainless steel	Profile type x wall thickness (mm) Al	Length of profile (mm) Tolerance of length \pm 0.5 mm
AT 8 Inox Spacer 012	AT 10 – FEAL 025	600 ÷ 6000
AT 10 Inox Spacer 012	AT 12 – FEAL 025	
AT 12 Inox Spacer 012	AT 16 – FEAL 025	
AT 14 Inox Spacer 015		
AT 16 Inox Spacer 015		
AT 18 Inox Spacer 015		
AT 20 Inox Spacer 015		

Possibility to produce other profiles:



Technical parameters:

Mill speed linky max.	15	m/min
Mill speed for AT 16 with laser 0,2 kW	5	m/min
Tolerance of length for 6 m piece	\pm 0.5	mm
Production lengths	0.6 ÷ 6,0	m
Input of profiling section	2.2	kW
Input of Laser generator	0.2	kW
Input of flying cutoff	0.25	kW
Total installed input approx.	3	kW
Principal sizes of mill – length x width x height	15 x 2 x 1,6	m

Characteristics of entry material:

Material according to DIN: 1.4301 2R, AISI: 304 MS
Stainless steel; Aluminium as requested by customer.

Width of the entry strip	20 ÷ 80	mm
Thickness	0.12 ÷ 0.2	mm
Breaking strength Rm max.	680	MPa
Yield point Re max.	200	MPa
Ductility A ₈₀ min.	20	%
Coil specifications:		
Coil inner diameter min./max.	400 / 500	mm
Coil outer diameter max.	1000	mm
Coil weight max.	300	kg

