

LINHA DE P

LINHA DE PERFILAGEM

VELOCIDADE DA LINHA

COMPRIMENTO DA PEÇA	≤ 1 m	1.5 m	2 m	2.5 m	>3 m
VELOCIDADE MÁXIMA SEM PUNÇÃO	20 m/min	25 m/min	35 m/min	40 m/min	40 m/min

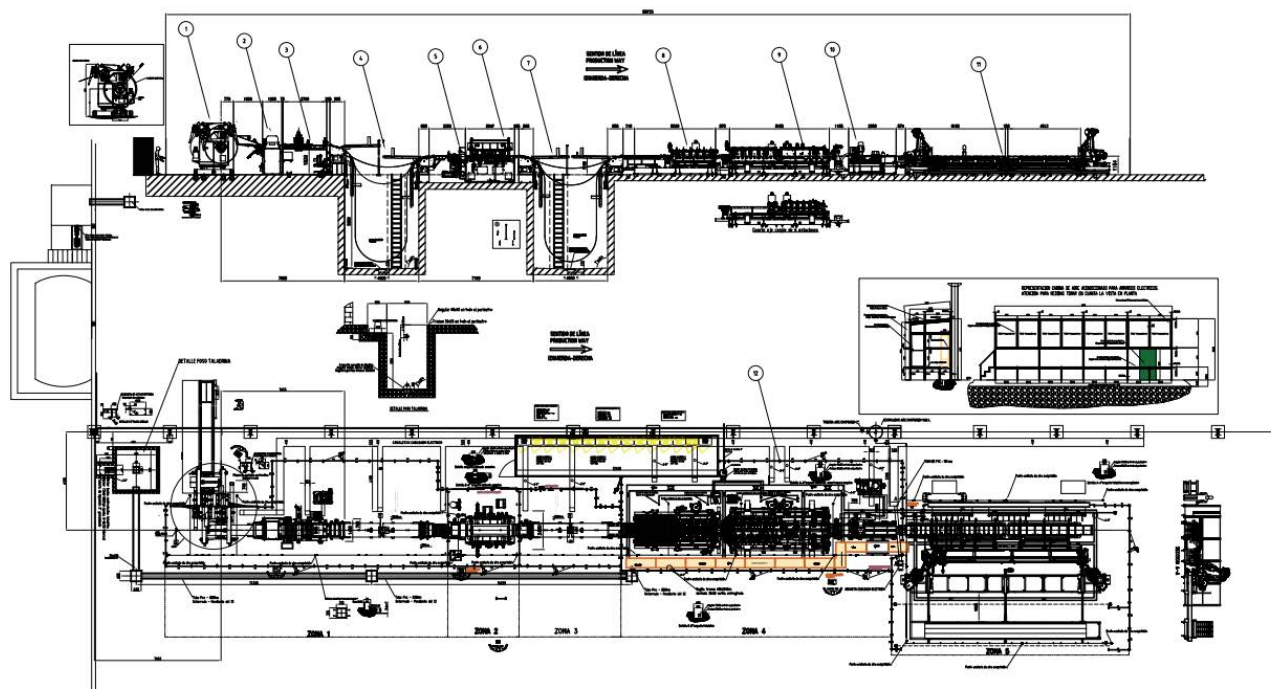
A velocidade das peças punçadas depende do formato da punção.

Fornecedor



Produção

22.239 Tm/1 turno/año

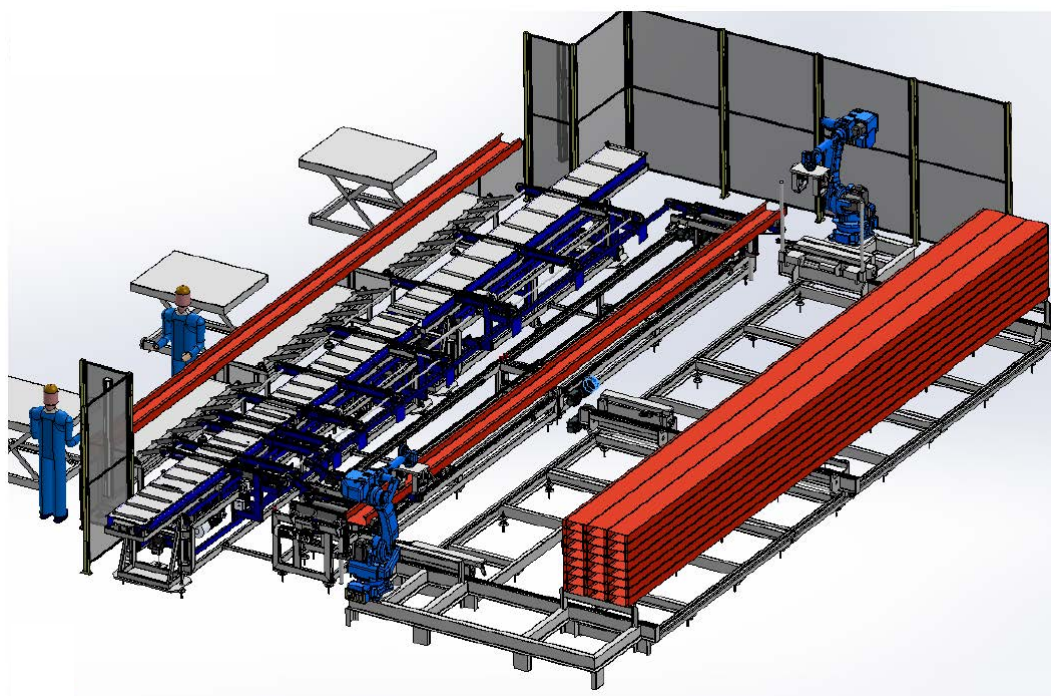




EMPILHADOR

**Incorporação de 2 robôs ABB de 6 eixos com movimentos sincronizados.
Capacidade por robô: 300 kg.**

- Pontos a serem considerados:
- Posicionamento longitudinal e giro de garras automático. O operador não intervém.
- Gestão de empilhamento por programa: maior flexibilidade.
- Automatização do processo.
- Maior flexibilidade de empilhamento. Tamanho mínimo das peças empilháveis: base de 50 mm (empilhador de eixos cartesianos: base mínima de 100 mm).
- Flexibilidade para industrializar diferentes tipos de produtos.





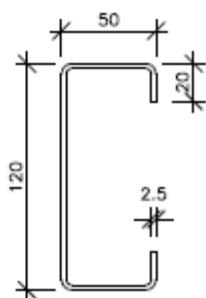
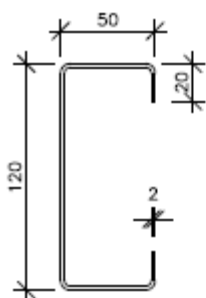
PERFIL C

Desenvolvimento (mm)	Espessuras					
	1.5	2	2.5	3	3.5	4
80x50x15	ok	ok	ok	ok	ok	
90x45x15	ok	ok	ok	ok	ok	
90x50x15	ok	ok	ok	ok	ok	
90x60x15	ok	ok	ok	ok	ok	
90x70x15	ok	ok	ok	ok	ok	
100x50x15	ok	ok	ok	ok	ok	
110x50x15	ok	ok	ok	ok	ok	
115x50x15	ok	ok	ok	ok	ok	
120x50x16	ok	ok	ok	ok	ok	ok
120x55x18	ok	ok	ok	ok	ok	ok
125x50x16	ok	ok	ok	ok	ok	ok
125x60x19	ok	ok	ok	ok	ok	ok
140x50x16	ok	ok	ok	ok	ok	ok
140x60x19	ok	ok	ok	ok	ok	ok
150x50x16	ok	ok	ok	ok	ok	ok
150x60x19	ok	ok	ok	ok	ok	ok
150x80x19	ok	ok	ok	ok	ok	ok
150x60x20	ok	ok	ok	ok	ok	ok
150x80x26	ok	ok	ok	ok	ok	ok
160x85x19	ok	ok	ok	ok	ok	ok
160x85x19	ok	ok	ok	ok	ok	ok
160x80x19	ok	ok	ok	ok	ok	ok
160x90x19	ok	ok	ok	ok	ok	ok
160x60x20	ok	ok	ok	ok	ok	ok
160x85x25	ok	ok	ok	ok	ok	ok
160x90x25	ok	ok	ok	ok	ok	ok
170x70x20	ok	ok	ok	ok	ok	ok
175x50x16	ok	ok	ok	ok	ok	ok
175x60x19	ok	ok	ok	ok	ok	ok
180x60x19	ok	ok	ok	ok	ok	ok
180x70x19	ok	ok	ok	ok	ok	ok
180x75x19	ok	ok	ok	ok	ok	ok
180x80x19	ok	ok	ok	ok	ok	ok



PERFILAGEM

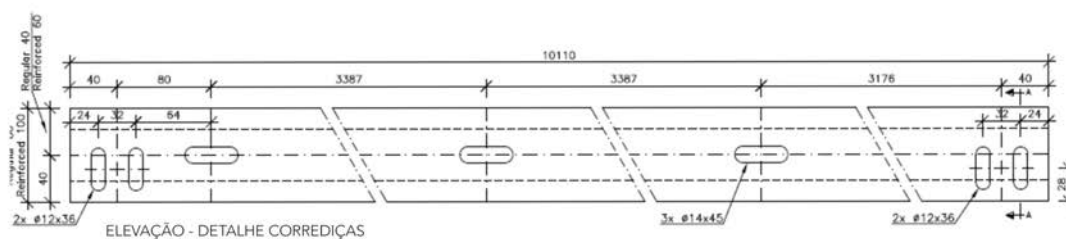
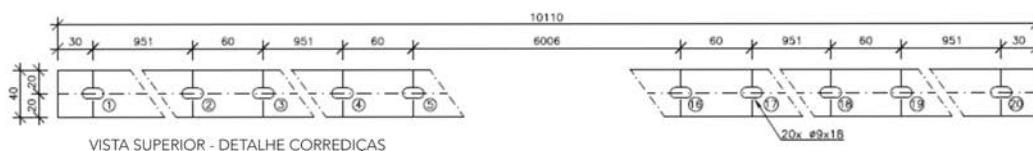
Desenvolvimento (mm)	Espessuras					
	1.5	2	2.5	3	3.5	4
200x60x19	ok	ok	ok	ok	ok	ok
200x80x19	ok	ok	ok	ok	ok	ok
200x80x27	ok	ok	ok	ok	ok	ok
225x80x19	ok	ok	ok	ok	ok	ok
250x60x19	ok	ok	ok	ok	ok	ok
250x80x19	ok	ok	ok	ok	ok	ok
275x80x19	ok	ok	ok	ok	ok	ok
300x80x19	ok	ok	ok	ok	ok	ok



NOTA

A linha contém uma prensa para realizar furos de varias geometrias (a pedido do cliente).

Estes perfis podem ser fabricados de forma assimétrica, com qualidade máxima de S355JR



PERFIL U

Desenvolvimento (mm)	Espessuras					
	1.5	2	2.5	3	3.5	4
40x20		ok	ok	ok		
50x25		ok	ok	ok		
60x30		ok	ok	ok		
70x35		ok	ok	ok		
80x40	ok	ok	ok	ok	ok	ok
80x50	ok	ok	ok	ok	ok	ok
90x45	ok	ok	ok	ok	ok	ok
100x50	ok	ok	ok	ok	ok	ok
115x50	ok	ok	ok	ok	ok	ok
120x50	ok	ok	ok	ok	ok	ok
120x55	ok	ok	ok	ok	ok	ok
125x50	ok	ok	ok	ok	ok	ok
125x60	ok	ok	ok	ok	ok	ok
140x50	ok	ok	ok	ok	ok	ok
140x60	ok	ok	ok	ok	ok	ok
150x50	ok	ok	ok	ok	ok	ok
150x60	ok	ok	ok	ok	ok	ok
150x80	ok	ok	ok	ok	ok	ok
150x60	ok	ok	ok	ok	ok	ok
150x80	ok	ok	ok	ok	ok	ok
160x60	ok	ok	ok	ok	ok	ok
160x80	ok	ok	ok	ok	ok	ok
160x90	ok	ok	ok	ok	ok	ok
160x60	ok	ok	ok	ok	ok	ok
160x85	ok	ok	ok	ok	ok	ok
160x90	ok	ok	ok	ok	ok	ok
170x70	ok	ok	ok	ok	ok	ok
175x50	ok	ok	ok	ok	ok	ok
175x60	ok	ok	ok	ok	ok	ok
180x60	ok	ok	ok	ok	ok	ok
180x70	ok	ok	ok	ok	ok	ok
180x75	ok	ok	ok	ok	ok	ok
180x80	ok	ok	ok	ok	ok	ok



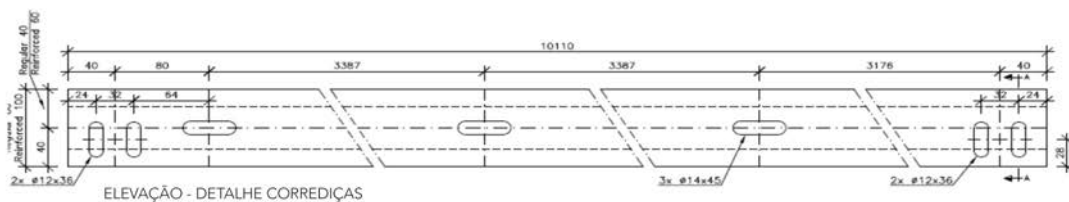
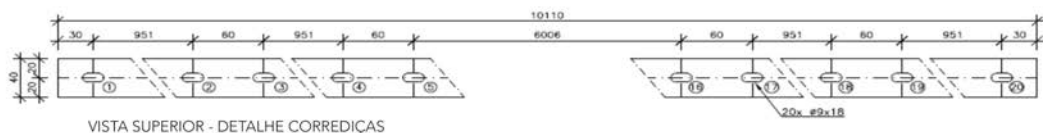
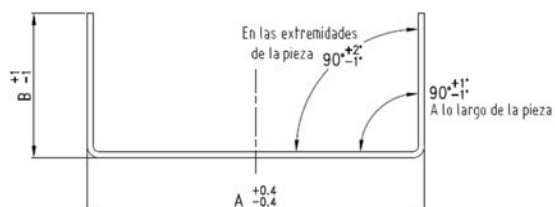
PERFILAGEM

Desenvolvimento (mm)	Espessuras					
	1.5	2	2.5	3	3.5	4
200x60	ok	ok	ok	ok	ok	ok
200x80	ok	ok	ok	ok	ok	ok
200x80	ok	ok	ok	ok	ok	ok
225x80	ok	ok	ok	ok	ok	ok
250x60	ok	ok	ok	ok	ok	ok
250x80	ok	ok	ok	ok	ok	ok
275x80	ok	ok	ok	ok	ok	ok
300x80	ok	ok	ok	ok	ok	ok

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A linha contém uma prensa para realizar furos de varias geometrias (a pedido do cliente).

Estes perfis podem ser fabricados de forma assimétrica, com qualidade máxima de S355JR



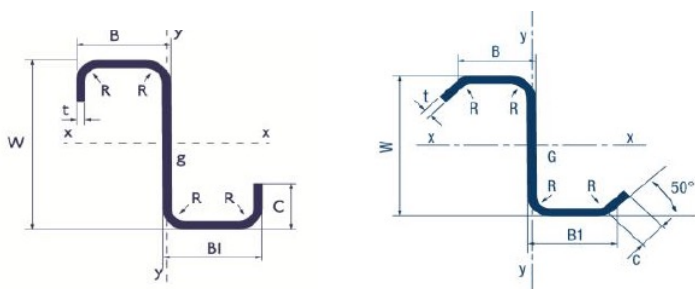
PERFIL Z

Desenvolvimento (mm)	Espessuras					
	1.5	2	2.5	3	3.5	4
80x60x53x17	ok	ok	ok	ok	ok	ok
100x53x48x15	ok	ok	ok	ok		
120x60x53x17	ok	ok	ok	ok		
125x53x48x15	ok	ok	ok	ok		
140x60x53x17	ok	ok	ok	ok		
150x53x48x15	ok	ok	ok	ok		
160x60x53x17	ok	ok	ok	ok	ok	ok
175x53x48x15	ok	ok	ok	ok		
180x60x53x17	ok	ok	ok	ok	ok	ok
200x80x70x23	ok	ok	ok	ok	ok	ok
225x80x70x23	ok	ok	ok	ok	ok	ok
225x80x70x23	ok	ok	ok	ok	ok	ok
250x80x70x23	ok	ok	ok	ok	ok	ok
275x80x70x23	ok	ok	ok	ok	ok	ok
300x80x70x23	ok	ok	ok	ok	ok	ok

NOTA

A linha contém uma prensa para realizar furos de varias geometrias (a pedido do cliente).

Qualidade máxima de S355JR





PERFIL ÔMEGA

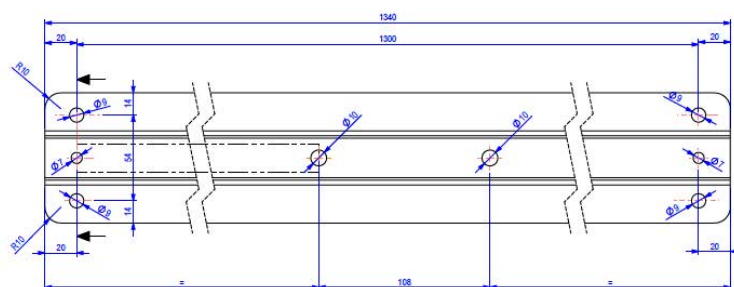
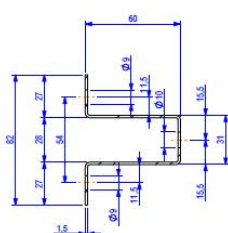
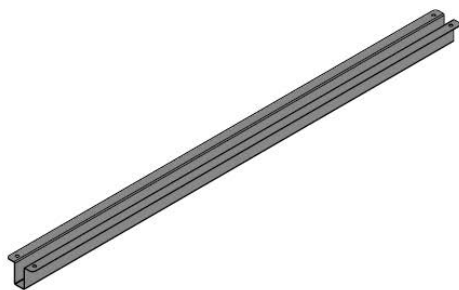
Desenvolvimento (mm)	Espessuras				
	1	1.2	1.5	1.8	2
50x30x20	ok	ok	ok	ok	ok
60x30x20	ok	ok	ok	ok	ok
80x30x25	ok	ok	ok	ok	ok
90x30x25	ok	ok	ok	ok	ok
80x30x30	ok	ok	ok	ok	ok
90x30x30	ok	ok	ok	ok	ok
100x30x30	ok	ok	ok	ok	ok

NOTA

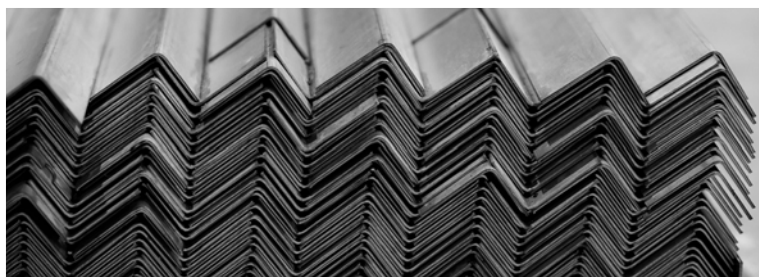
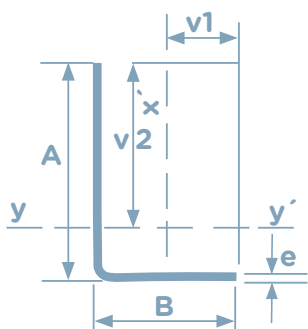
A linha contém uma prensa para realizar furos de varias geometrias (a pedido do cliente).

Acabamento galvanizado, magnelis e laminado a frio (especificação de cliente).

Espessuras a definir.



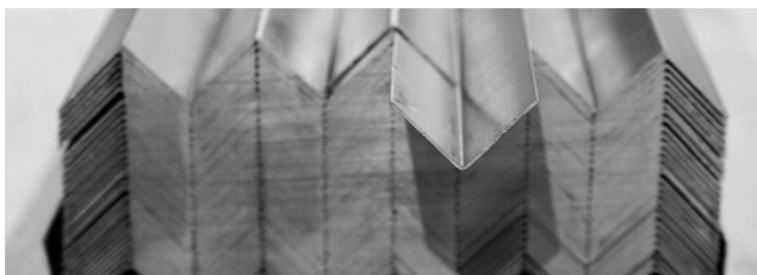
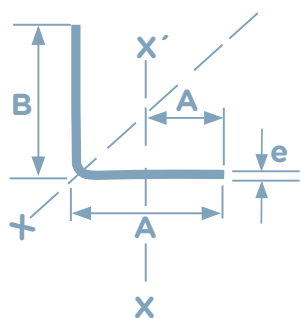
PERFIL L IRREGULAR



Desenvolvimento (mm)	Peso kg/m	Secção cm ²	Referida ao eixo xx'			Referida ao eixo yy'		
			I _{xx'} cm ⁴	Z _{xx'} cm ²	I cm	I _{yy'} cm ⁴	Z _{yy'} cm ²	I cm
30"15"2	0.650	0.828	0.135	0.117	0.404	0.767	0.408	0.962
30"20"2	0.728	0.928	0.315	0.209	0.582	0.859	0.432	0.962
40"20"2	0.885	1.128	0.342	0.217	0.551	1.906	0.747	1.300
50"25"2.5	1.384	1.763	0.830	0.421	0.686	4.632	1.453	1.621
50"30"3	1.992	2.338	1.733	0.791	0.826	9.651	2.521	1.950
60"40"2	1.513	1.928	2.756	0.886	1.196	7.411	1.810	1.961
60"40"3	2.228	2.838	3.970	1.294	1.183	10.247	2.659	1.946



PERFIL L IGUAL



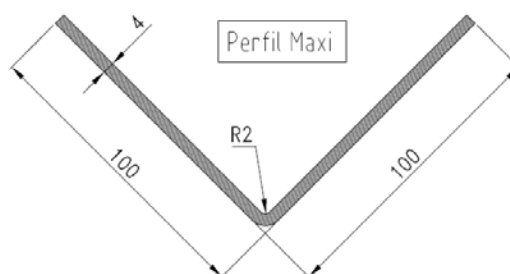
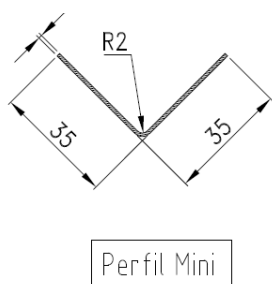
Podem ser fabricados ângulos de até 100 mm de lado, com espessura máxima de 4 mm.


Desenvolvimento (mm)	Espessuras					
	1	2	2.5	3	3.5	4
min 35x35	ok	A DETERMINAR ESPESSURAS				
max 100x100	ok	ok	ok	ok	ok	ok

NOTA

A linha contém uma prensa para realizar furos de varias geometrias (a pedido do cliente).

Qualidade máxima de S355JR



A black and white photograph of an ABB industrial robot arm in a factory. The robot is white with 'ABB' printed on its upper section. It is positioned on a metal platform, possibly a conveyor or a worktable. The background shows a brick wall and industrial equipment. The lighting is bright, highlighting the metallic surfaces of the robot and the floor.

Somos líderes no setor siderometalúrgico na Europa, uma referência na indústria graças à nossa capacidade de integrar a tecnologia mais avançada. Isto permite-nos garantir produtos da mais alta qualidade e, ao mesmo tempo, manter um forte compromisso com o meio ambiente. Cada um dos nossos processos é projetado sob princípios de sustentabilidade, assegurando não apenas o presente, mas também um futuro mais verde.

Fazemos parte do **CL Grupo Industrial**, uma das corporações mais influentes da Espanha, cujo objetivo principal é fortalecer o tecido industrial do país. Através da criação de sinergias entre setores-chave, trabalhamos ativamente para impulsionar a inovação, a competitividade e o crescimento sustentável em todas as nossas áreas de atuação. Isto permite-nos continuar expandindo, ao mesmo tempo em que reforçamos nossa posição no mercado global.



CONSULTE
NOSSAS
CERTIFICAÇÕES



