

Roba Metal Processing N.V. datasheet

3 Slitting lines

		min.	max.	
Mothercoil				
Tensile strength	N/mm ²		500	
Yield point	N/mm ²		370	
Thickness	mm	0,10	4	
Width	mm	50	1900	
Inside diameter	mm	508		± 10 mm
	mm	610		± 10 mm
Outside diameter	mm	700	2000	
Coilweight	kg		27000	

Slitted strips				
Inside diameter	mm	508		± 10 mm
	mm	610		± 10 mm
Outside diameter				
	inside diameter of 508 mm	mm	700	
	inside diameter of 610 mm	mm	800	2000
Width	mm	12	1900	
Stripweight				
	width upto 1700 mm	kg		27000
	width from 1700-1900 mm	kg		15000

Packing line

Inside diameter	mm	508		± 10 mm
	mm	610		± 10 mm
Outside diameter				
	inside diameter of 508 mm	mm	700	
	inside diameter of 610 mm	mm	800	2000
Width	mm	12	470	
Stripweight	kg		5000	
Bundle/skidweight				
	eye to the sky-bore vert.	kg		5000
	eye to the sky-bore horiz.	kg		15000
Max. skidheight	mm		1000	

Line performance	
Max. number of strips	
thickness	number
0,1 mm	50
0,2 mm	50
0,3 mm	45
0,4 mm	39
0,5 mm	35
0,7 mm	30
1 mm	25
1,2 mm	22
1,5 mm	19
1,8 mm	15
2 mm	14
2,5 mm	12
3 mm	11
4 mm	6

Cut-to-length line

Features

Stripguiding	Strip Centering Device
Levelling machine	6-high 19 working rolls ø 43 mm 21 back up rolls ø 40 mm 161 back up bearings
Trimming shear	max. 40 mm per side
Cutting shear	rotating
Stacking	on air cushion

Conditioning

With or without paper

- on wooden traverse beams,
- on longitudinal and traverse beams,
- on pallet (nail free).

		min.	max.
Mother coils			
Tensile strength	N/mm ²		500
Yield point	N/mm ²		370
Thickness	mm	0,5	3
Width	mm	400	1600
Inside diameter	mm	508	
	mm	610	
Outside diameter	mm		
	inside diameter of 508 mm	mm	700 1900
	inside diameter of 610 mm	mm	700 1800
Weight	kg		20000

Sheets			
Width	mm	400	1600
Length	mm	400	4600
Bundle/skidweight	kg		3000
Max. skidheight [1]	mm		400
Max. skidheight [2]	mm		350

Tolerances			
Width	mm	± 0,25	
Length	upto 2000 mm	mm	± 0,25
	>2000; upto 3000 mm	mm	± 0,35
	>3000; upto 4000 mm	mm	± 0,45
	>4000; upto 4600 mm	mm	± 0,55
Diagonal			
	sheet 1000 x 1000 mm	mm	1