

Production line of sliding door boxes complete type D

- 1G 1 REINFORCEMENT LINE
- 2S 2 CUTTING LINE FOR WIRE MESH
- 3I 3 PRODUCTION LINE FOR FRONT-END
- 4L 4 LINE FOR HEAD-PART
- 5G 5 LINE FOR BOTTOM PART
- 6V 6 LINE FOR SLIDES
- 7E 7 LINE FOR TRAVERSES
- 8D 8 LINE FOR UPRIGHTS
- 9L 9 LINE FOR SUPPORT
- 9E 10 ASSEMBLY LINE
Assembly line
- 11H 11 PACKING
- 12I 12 UNLOADER/STACKER

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MACHINES

LINE FOR SLIDING DOOR BOXES



View of the line



Finished product



Partial view of the line

Production line of sliding door boxes complete type D



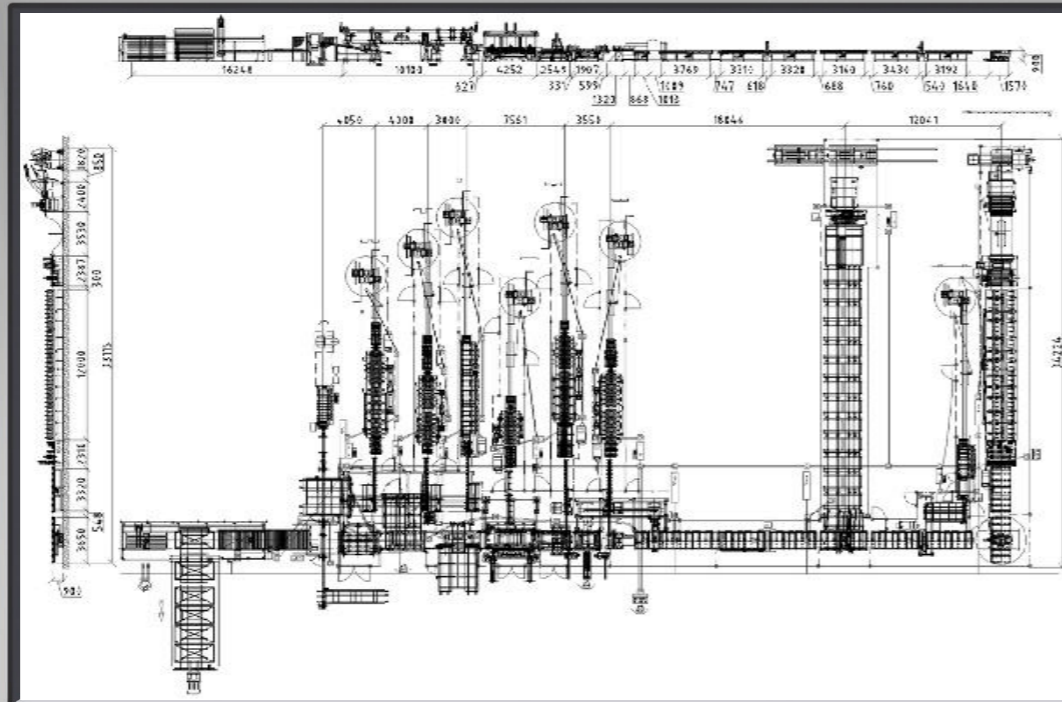
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LINE FOR SLIDING DOOR BOXES

Production line of sliding door boxes complete type D



Production systems for sliding door boxes. Various lines all connected to an assembly- packaging- and unloading line to allow the maximum of automation. The connections between the lines and the central assembly line are with automatic manipulators. Almost every line has an accumulation before the assembly line, in order to avoid long stops due to the change of coils. The lines start with strip, in order to have less possible stock of cut material and to have more flexibility with lengths. At the end of the line the package has only to be taken to the truck or to the warehouse. Five people in all are needed to produce almost a door box per minute.



General layout



Manipulator

Material: Fe P02 galvanized		
Thickness	0,5	mm
Length min.	2000	mm
Length max.	2900	mm
Width min. (step 50 mm)	600	mm
Width max. (step 50 mm)	1250	mm
Production: in allotments		
Production time: (one complete door)	80	sec.
Line direction: from right to left		
Line colour:	blu 5017	RAL



Finished and packaged product



Detailed view of machine



Detailed view of the machine



Detailed view of machine

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