

Line for pressed grates

- 54005 **1 DECOILER DOUBLE AND PIVOTING**

- 55004A **2 STRAIGHTENER WITH FEEDER WITH ROLLS 300**
Straightener with feeder with rolls useful width 300 mm .

- 4 **3 MECHANICAL PRESS 100 t WITH DIE**
Mechanical shearing press 100 t at 80 blows/min with die.

- 1B **4 DECOILER 3 T**
Motorized decoiler 3 t , hydr. opening ,hydr. stretcher.

- 3B **5 STRAIGHTENER AND FEEDER GROUP**
Straightener - feeder group and cut.

- 4B **6 CUTTING DIE WITHOUT SCRAP**
Cutting die without scrap inserted in the assembly unit.

- 1C **7 DISTRIBUTION GROUP CARRYING PLATES**
Distribution group of carrying plates w. step by step transfer and programmed distrib.

- 2C **8 PLATFORM FOR CARRYING PLATE GUIDE**
Platform plate guide w. possibility to vary rapidly thickness.

- 3C **9 MANIPULATOR FOR ADVANCEMENT PLATES**
Manipulator for advancement of carrying plates at programmable steps.

- 4C **10 ASSEMBLY PRESS 100 t**
Assembly press 100 t, stroke 90 mm, 100 blows/min.

- 6C **11 GRATE UNLOADING CONVEYOR**
Grates unloading conveyor with lateral guides and head pusher.

- 7C **12 ELECTRIC BOARD WITH NUMERICAL CONTROL**
Electric board with numerical control for the management of the whole line.

- 36023 **13 WIRE MESH PROTECT.F. ACCIDENT PREVENTION**

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MACHINES

LINE FOR PRESSED GRATES



View of the machine



Product



Decoiler



65001F

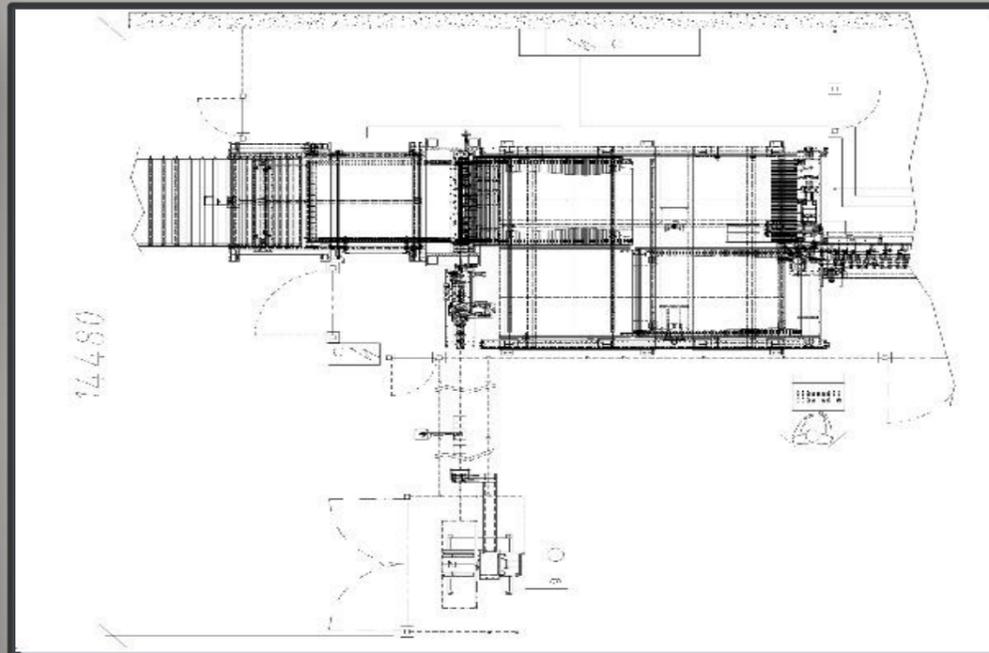
Line for pressed grates

LINE FOR PRESSED GRATES

Line for pressed grates



- The line is made up as follows:
- Double decoiler 2t + 2t
 - Straightener
 - Loop control
 - Straightener feeder
 - Mechanical press 100 t with dies
 - Conveyor
 - Overturning unit of carrying plate
 - Table with insertion of carrying plate
 - Mechanical press 100 t (useful width 1800 mm) for assembling
 - Grates extraction conveyor
 - Grates accompanying unit
 - Unloading bench
- Specifications regarding the dimensions that can be produced and production data:
- Possibility to produce grates with length 4.000 mm (single production);
 - Production of 1 m² of grates every 2 minutes dim. 1000x1000 mm mesh 33x33;
 - Production of 1 m² of grates every 1 min and 10 sec dim. 1000x1000 mm mesh 22x66;
 - Production of 1 m² of grates every 6 minutes dim. 1000x1000 mm mesh 22x11.



Partial view of machine plan



Entry view of assembly press

Min. grate dim. length x width	250x200	mm
Max. grate dim. length x width	2000x1500	mm
Carrying plate (length min-max)	20x2-100x5	mm
Connecting plate (width)	10x2-15x3	mm
Material: Fe, stainless steel, aluminium		
Pitch mesh	11,11	mm
Line direction: from right to left		
Line colour:	5015	RAL
Installed power	98	Kw
Production 33x33: 1 m ² / 2 min		



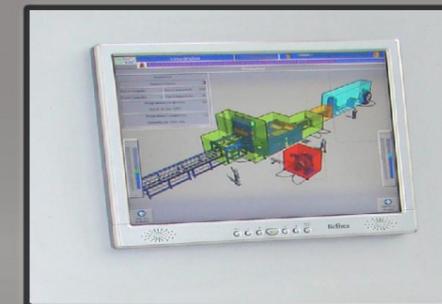
Straightener feeder and press



Overturning unit carrying plate



Exit view of assembly press



Control panel

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