

**POLISHING
PLANT
MOD.660**

4.1 General Description

The Mod. 660 automatic machine is designed to perform surface treatments for cleaning and polishing aluminium and steel nails.

The material to be treated, contained in special boxes, is loaded into a drum where it is de-oiled by a high-speed centrifuge (18). It is then loaded into a vibrator, where it is first cleaned and then polished by adding special liquids.

Finally, the material is dried in a centrifuge (12) before being unloaded into a special box.

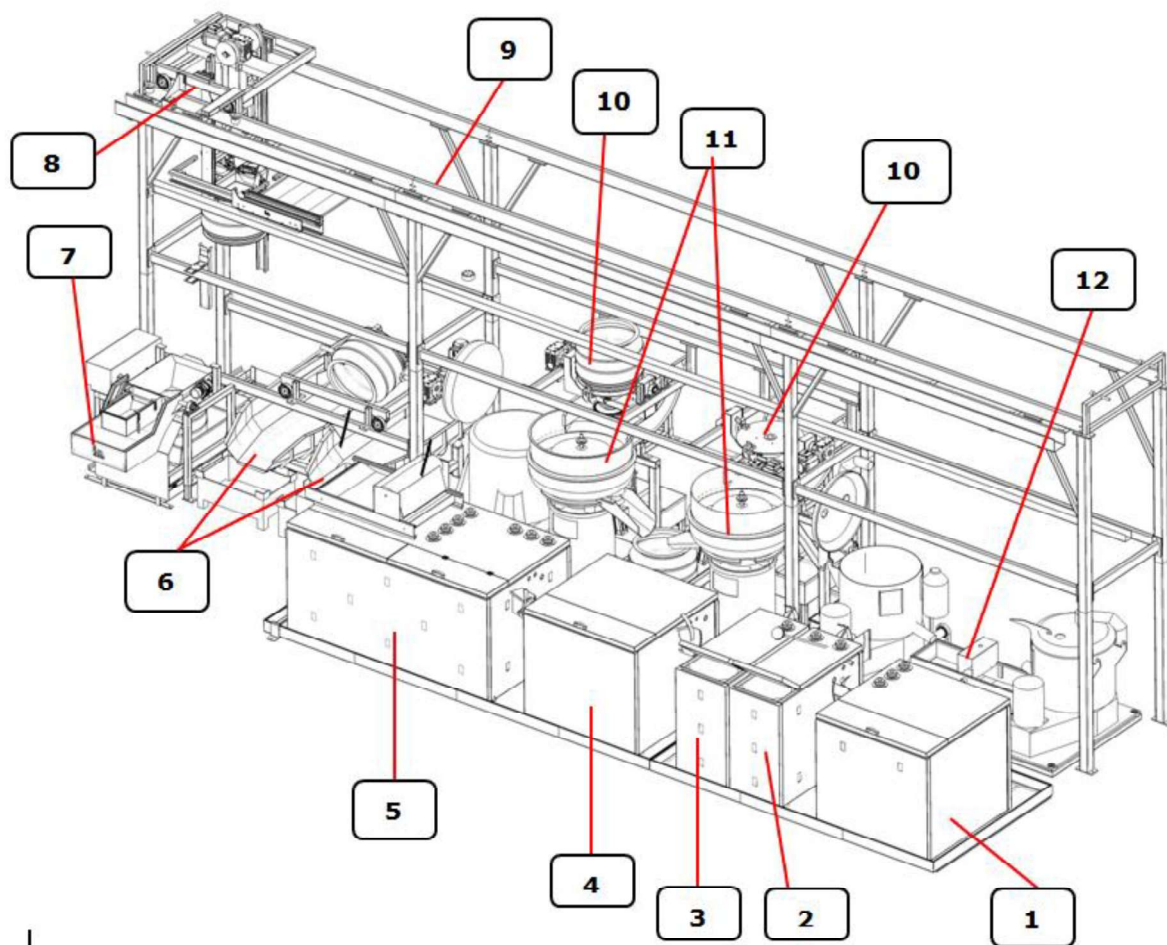


Abb. 3 General view of the plant

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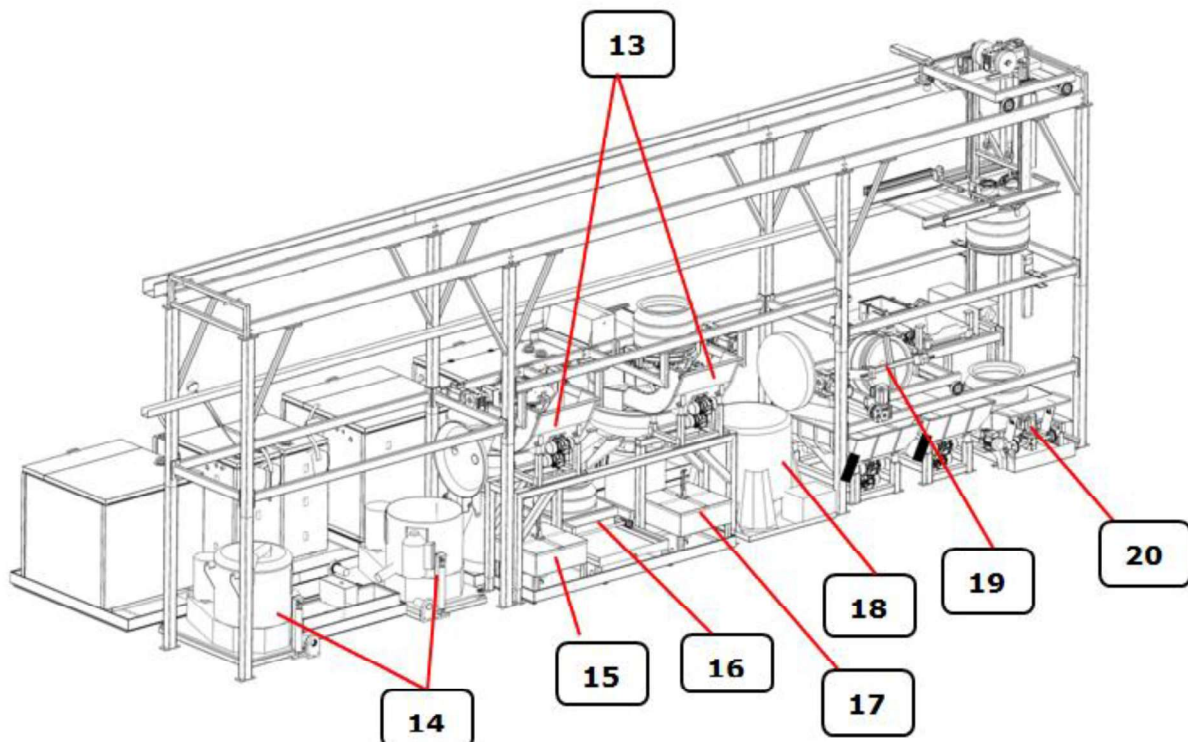


Abb. 4 General view of the plant

The plant consists of:

- 1 TUB WITH LIQUID FOR RINSING AFTER POLISHING (1)
- 1 TUB WITH LIQUID FOR POLISHING ALUMINIUM (2)
- 1 TUB WITH LIQUID FOR POLISHING STEEL (3)
- 1 TUB WITH LIQUID FOR RINSING AFTER CLEANING (4)
- 1 TRAY WITH LIQUID AND CLEANING AGENT FOR CLEANING (5)
- 2 VIBRATING HOPPERS FOR REMOVING THE MATERIAL AFTER DRYING (6)
- 1 TIPPING DEVICE FOR THE BOXES FOR LOADING THE MATERIAL INTO THE DRUM (7)
- 1 OBERE TRANSLATIONSVORRICHTUNG FÜR ENTNAHME UND ABLAGE DER TROMMEL (8)
- 1 FRAME WITH RUNWAYS FOR AN UPPER TRANSLATION DEVICE (9)
- 2 REVERSING GROUPS WITH DRUM ROTATION FOR LOADING THE MATERIAL INTO THE VIBRATORS (10)
- 2 VIBRATORS FOR PROCESSING THE LOADED MATERIAL (11)
- 1 TRAY FOR COLLECTING THE LIQUID THAT ESCAPES FROM THE TWO CENTRIFUGES DURING THE DRYING PROCESS (12)
- 2 VIBRATING HOPPERS FOR TRANSPORTING THE MATERIAL INTO THE VIBRATOR (13)
- 2 MODEL 660 TIPPING CENTRIFUGES FOR DRYING THE MATERIALS (14)
- 1 TRAY FOR COLLECTING THE LIQUID FROM THE VIBRATORS AFTER TREATMENT (15)
- 1 LOWER TRANSLATION DEVICE FOR MOVING THE DRUM BETWEEN THE OUTLET OF THE VIBRATORS AND THE REMOVAL AXIS OF THE DRUM OF THE UPPER TRANSLATION DEVICE (16)
- 1 TANK FOR COLLECTING THE LIQUID FROM THE VIBRATORS AFTER TREATMENT (17)
- 1 HIGH-SPEED CENTRIFUGE MOD. 660 FOR DEOILING THE PARTS BEFORE THEY ARE LOADED INTO THE VIBRATORS (18)
- 1 DRUM REVERSING UNIT WITH SHIFTING FOR TRANSPORTING THE MATERIAL TO THE TWO VIBRATING HOPPERS (19)
- 1 LOWER TRANSLATION DEVICE WITH BASKET ROTATION FOR MOVING THE DRUM BETWEEN THE LOADING STATION USING THE BOX TILTING DEVICE AND THE REMOVAL STATION USING THE UPPER TRANSLATION DEVICE. (20)