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Hopper Feeder TN06



- Supporting side frame out of steel
- Machine completely mounted on bearings
- N. 4 gear-motors for the control of the 4 moving parts of the machine
- PVC Conveyor belts with plywood rods, sliding on guides out of Polizene
- Dragging of the studded conveyor belt through a roller of big dimensions
- Shearing device with N. 3 cylinders and one belt cleaning cylinder fitted on a single support to facilitate its adjustment
- Upper magnetic bar for metal scrap
- Unloading device or by means of fins cylinder outside \varnothing 500mm, or by means of belt mounted on N. 3 cylinders
- Double counter-scale with pneumatic functioning for stopping the eventual falling material once the weighing has been done
- Scale with pneumatic opening mounted on electronic loading cells
- Feeding bench to the breast
- Pneumatic device to approach the material weighed on the feeding conveyor belt of the breast
- Press-material device consisting of N. 2 consecutive cylinders
- One encoder controls the whole machine working cycle
- Electronic terminal composed by a multiprocessor system for weighing management
- Electric control panel equipped with PLC for the management of the various machine working phases and N. 4 inverters for the drives management

The same machine can be supplied with volumetric functioning with compactor box device:

- N. 2 overlapping beating walls out of aluminium
- N. 2 mobile walls, for volume adjustment inside the compactor box device, overlapping to the beating walls
- N. 2 inlet cylinders in corrugated sheet \varnothing 200mm
- Moving parts completely mounted on ball bearings
- Gear-motor for the control of beating walls movement, driven by inverter for beat speed adjustment and mechanic adjustment of the stroke
- Polycarbonate window with adjustable support for the photoelectric cell to control the minimum material quantity inside the compactor box device

Upon request, this machine can be equipped with one Uninterruptible Power Supply (UPS) guaranteeing a continuous material feeding even in case of power interruption to the carding set

