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TECHNICAL FEATURES OF THE NECKING MACHINE TYPE MEC 24/120-T

Main frame structure obtained by electro-welded steel plates with high stress factor. All welded components are stress relieved, to avoid possible machine performance variation.

The die-carrier plate is carried by a very strong sleeve which is connected by rod to the crank-shaft, whose movement, through gears, is transmitted by an electrical motor coupled to a flywheel to avoid any variation of speed during the machine operation.

The assembly of the main drive also include the brake-clutch unit which is pneumatically operated.

All moving parts are lubricated during the machine operation by a geared-pump. The machine functions and operations are assisted by compressed air system, which also activate the brake-clutch unit.

The feeding operation is carried out by a conveyor, equipped with a servomotor drive, and a vacuum drum, operated by an index drive and a servomotor.

The cans are pushed out of the grips mechanically, by a rod, an oscillating drive and a servomotor.

A second vacuum drum, operated by the same system of the above mentioned drum, leaves the finished cans on another conveyor equipped with a servomotor drive.

The loading and unloading conveyors swing automatically 90° in order to have free access to the frontal working area.

On request it is possible to supply loading and unloading systems synchronized with the up and down machinery.

The grips are mechanically operated by cams and springs.

All working operations are controlled by a rotary pendant push button panel and the PLC of the machine is fitted on a electrical box together with the other electrical and electronic components.

Standard cable length between machine and switch cabinet.

Operating panel consists of touch panel and push buttons.