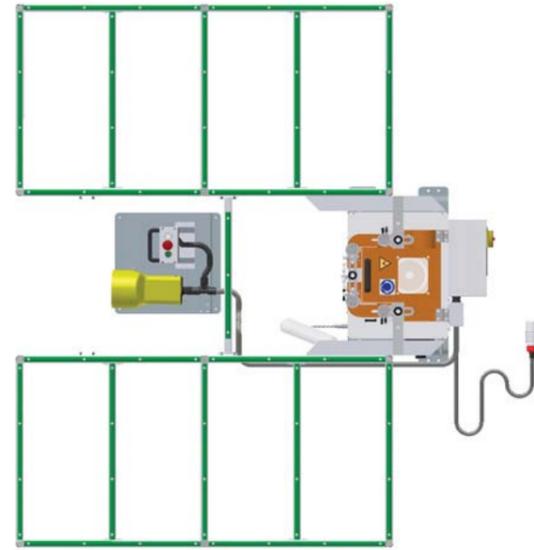
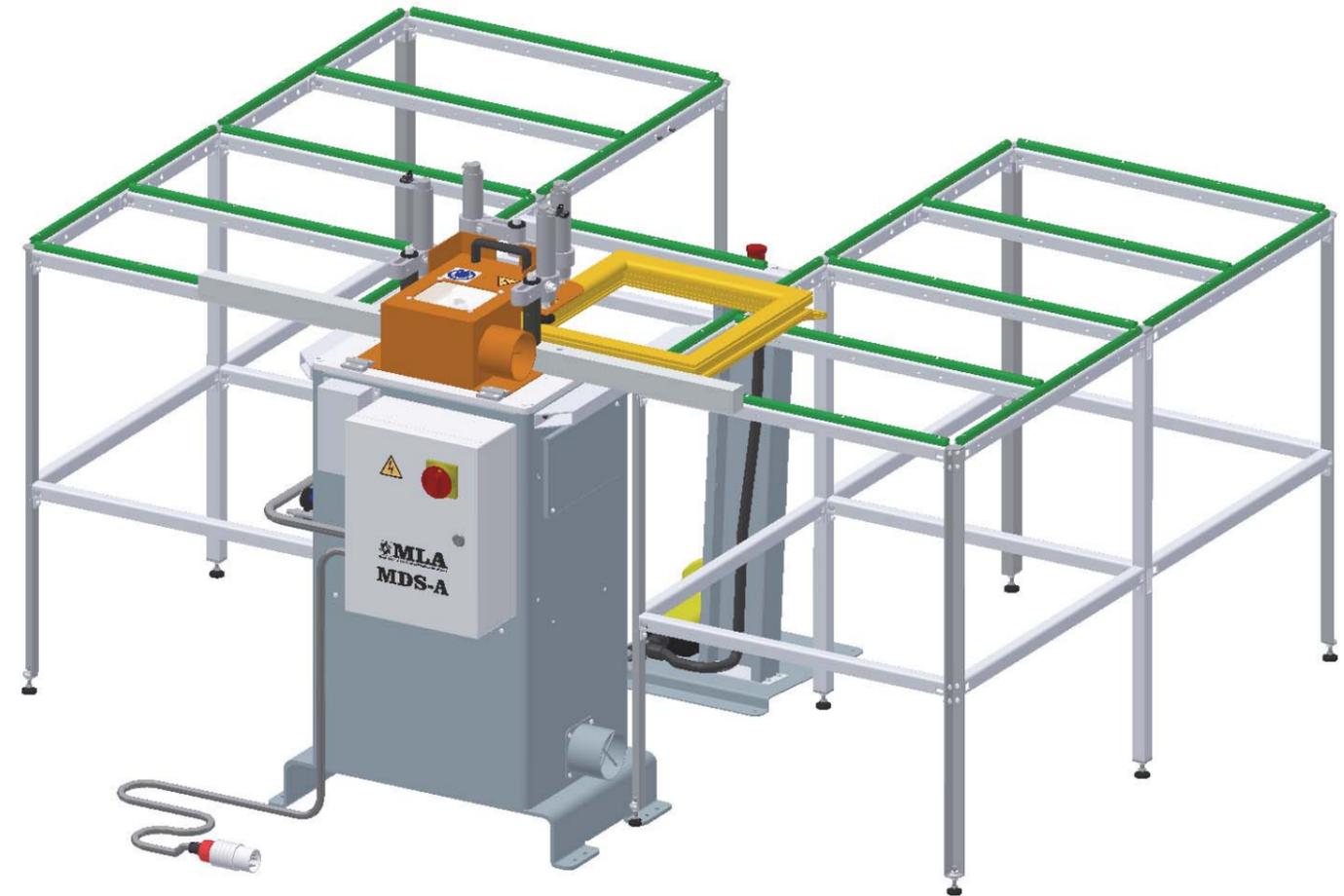


Machining example

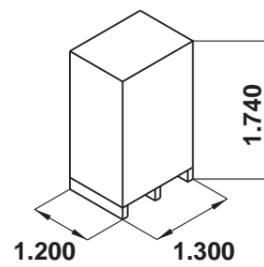
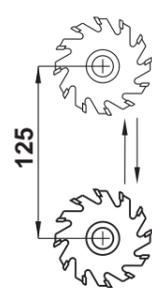


View from above

Automatic milling machine to mill out the central section of the slave sash



CE



The Company reserves the right to amend and improve its products without notice.

The **MDSA** milling machine consists of a central body to which the mobile pulpit with control console and locking pedal is connected.

A pair of tables attached to the central body makes the movement of the sash easier.

The spacer bar between the tables can be positioned at different distances from the work surface and gives continuity to the support given by the tables.

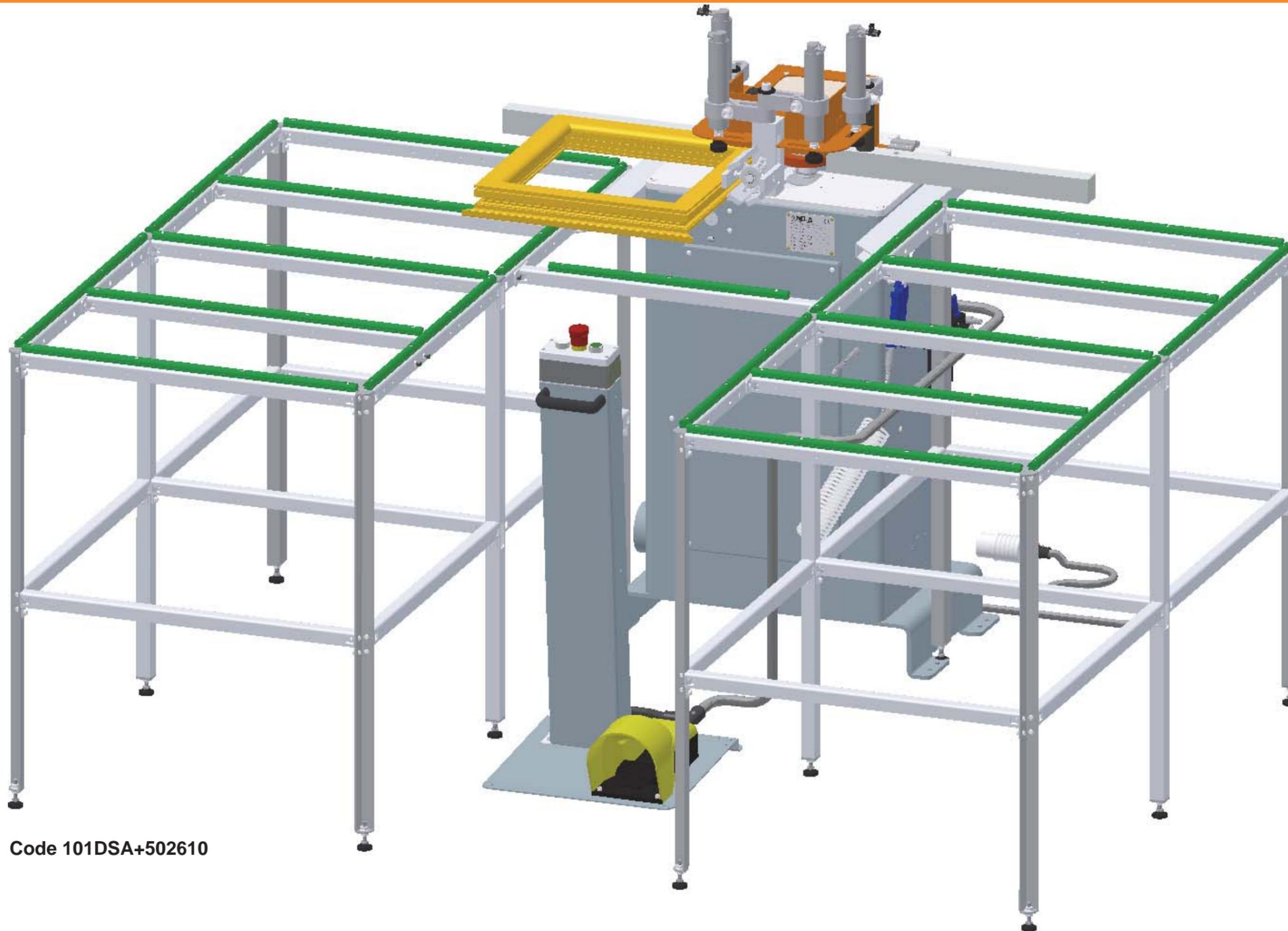
Two Ø100mm openings for connecting the chip aspirator are located on the side of the protection and of the base.

An optional timed electrical signal generator handles the ignition of an external aspirator.

The **sliding shoes/guides** on recirculating balls and the forwarding by means of an **oil-pneumatic cylinder** make the milling smooth and constant.

The viewing window on top of the protection is made of scratch-resistant polycarbonate and ensures a perfect view of the working area throughout the years.

The nickel-clad, ground and polished work surface guarantees perfect smoothness and scratch resistance.



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The angles' removal is done in two steps: the first angle can be removed by positioning the sash on the left; then the second one can be milled by placing the sash on the right.

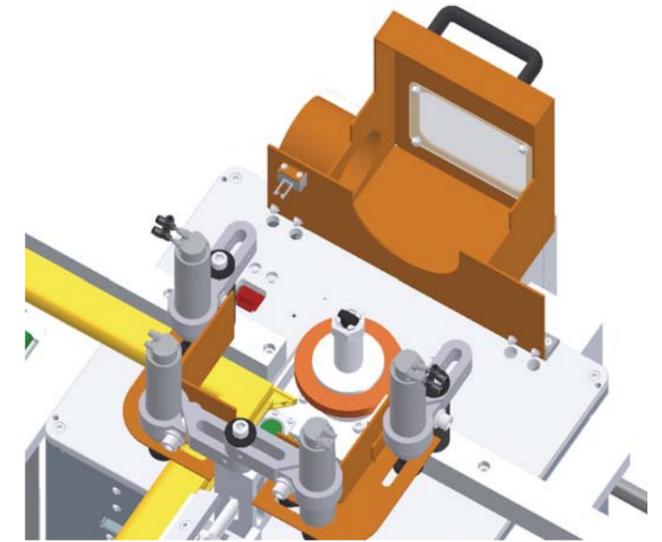
By pressing the pedal on the pulpit, the profile is clamped at low pressure by long-stroke cylinders. By pushing the start button, the motor starts rotating and the milling cycle begins.

A limit switch stops the milling stroke at the required position. At the same time, the rotation of the mill ends and this goes back to rest position; the sash is unclamped automatically. The working cycle is managed by plc.

The motor is provided with a separate **braking circuit**, which can stop the rotation within few seconds.

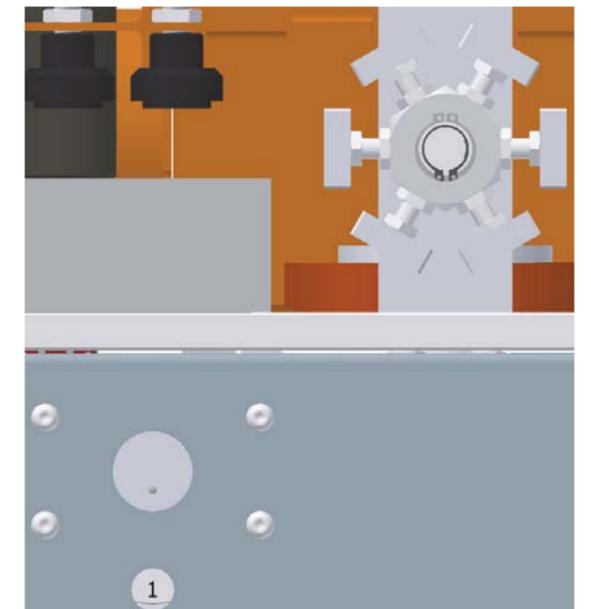
The clamp cylinders lower the movable protection, whose function is to separate the operator from the work area.

The mobile protection is positioned on the profile on the side where the profile is inserted; the protection touches the work surface on the side where the profile is not present.



The quick change system of the mill unit is pneumatic: after opening the protection, it is possible to activate it by pressing the green button.

It is possible to make three different set-ups of the milling depth by means of a revolver with three pairs of stops placed on the work surface.



It is possible to make three different set-ups of the milling length by means of a revolver with three stops placed under the work surface.