

I. Name the machine tool in the picture.



II. Assess the truth of the statements.

The console milling machine is a conventional machine tool.

Digital measuring ensures an increase in production accuracy.

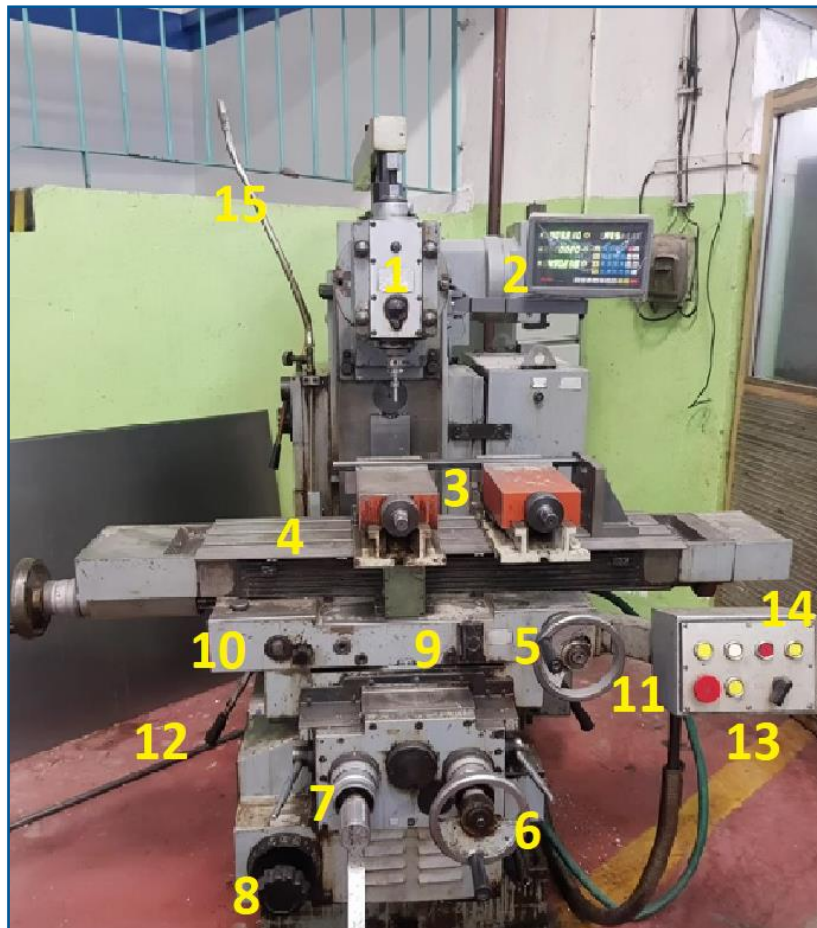
Control of the set dimensions during digital measuring is ensured by sensors.

The size of revolutions on the console milling machine is set with the lever.

The state of the oil of the milling machine is checked with a grease gun.

The forming head is a common part of milling machines.

III. Name the parts of the milling machine by matching the correct numbers to the names.



..... vertical working spindle

..... digital measurement display

..... vices

..... work desk

..... longitudinal axis (right-left)

..... transverse axis (front-back)

..... vertical axis (up-down)

..... feed size

..... working feed control for the longitudinal axis

..... oil mark and lubrication

..... lever of working feed in the transverse direction

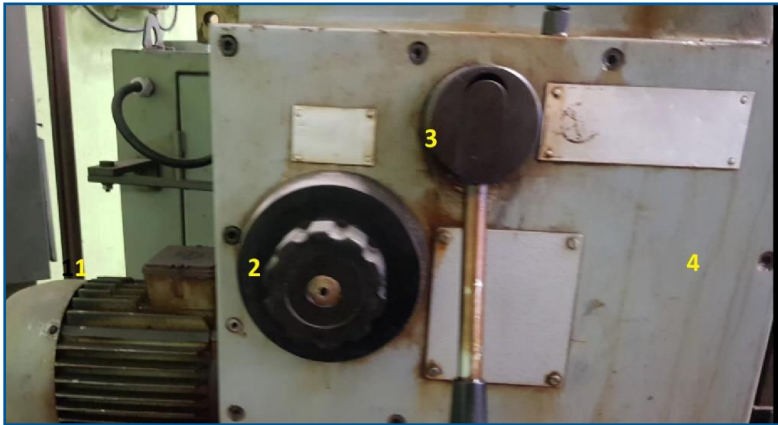
..... lever work feed in the vertical direction

..... control panel

..... switch box

..... emulsion inlet/supply

IV. Indicate the names of the parts on the side of the machine.



1 ...

2 ...

3 ...

4 ...

V. Create the correct pairs.

The power source of the milling machine...

... is [mm].

The longitudinal axis is identical ...

... is controlled by a lever.

The transverse axis is identical ...

... to the y-axis.

The vertical axis is identical ...

... with a rotary control.

Feed unit ...

... to the x-axis.

The speed of the milling machine ...

... in three coordinate axes.

The size of revolutions is set ...

... are located in 3 movement axes.

The digital measuring sensors ...

... to the z-axis.

The milling machine works ...

... is a track.

In terms of physics, displacement represent ...

... is an electric motor.

VI. Photo credits: STEP IN partnership

VII. Notes:

STEP IN to the online world/virtual learning, Facilitation of access to Vocational practice through online teaching at secondary technical schools

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