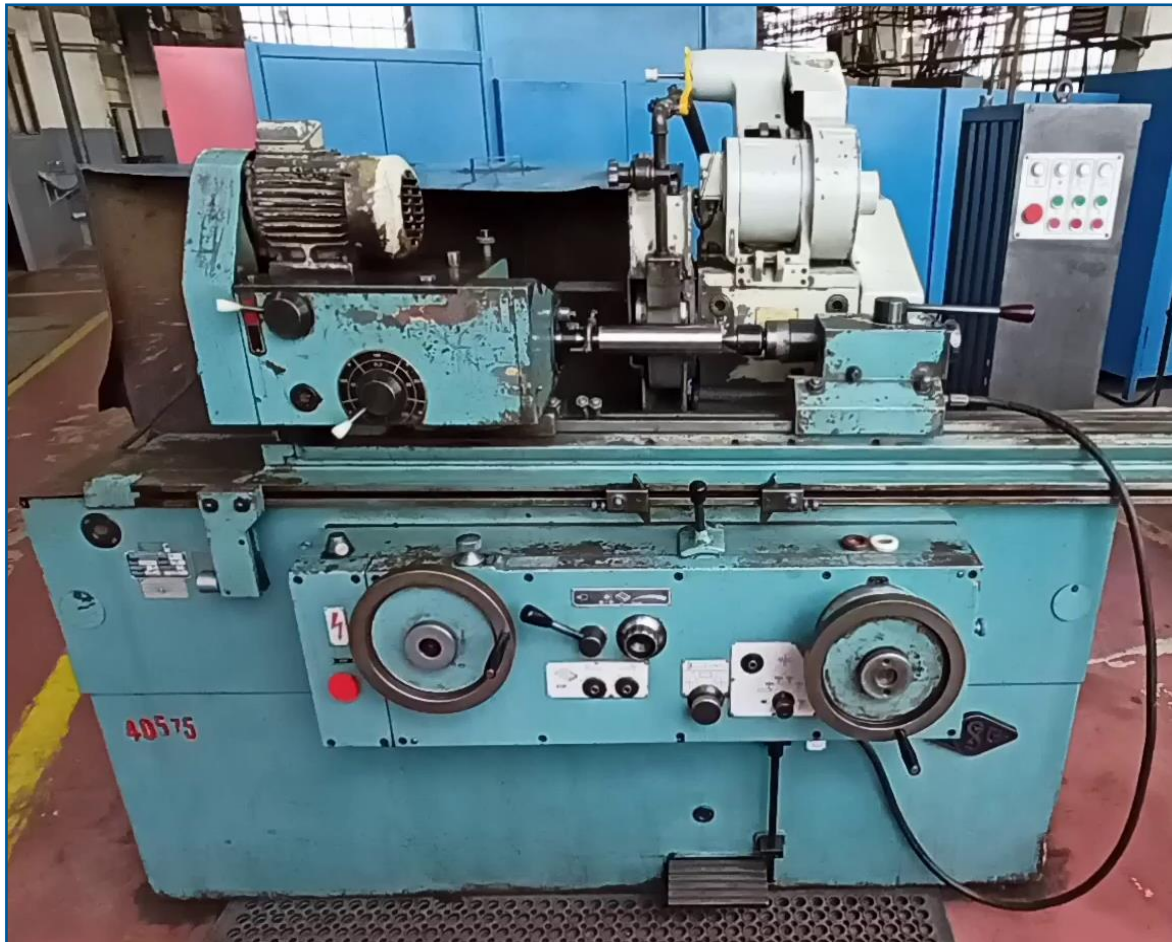
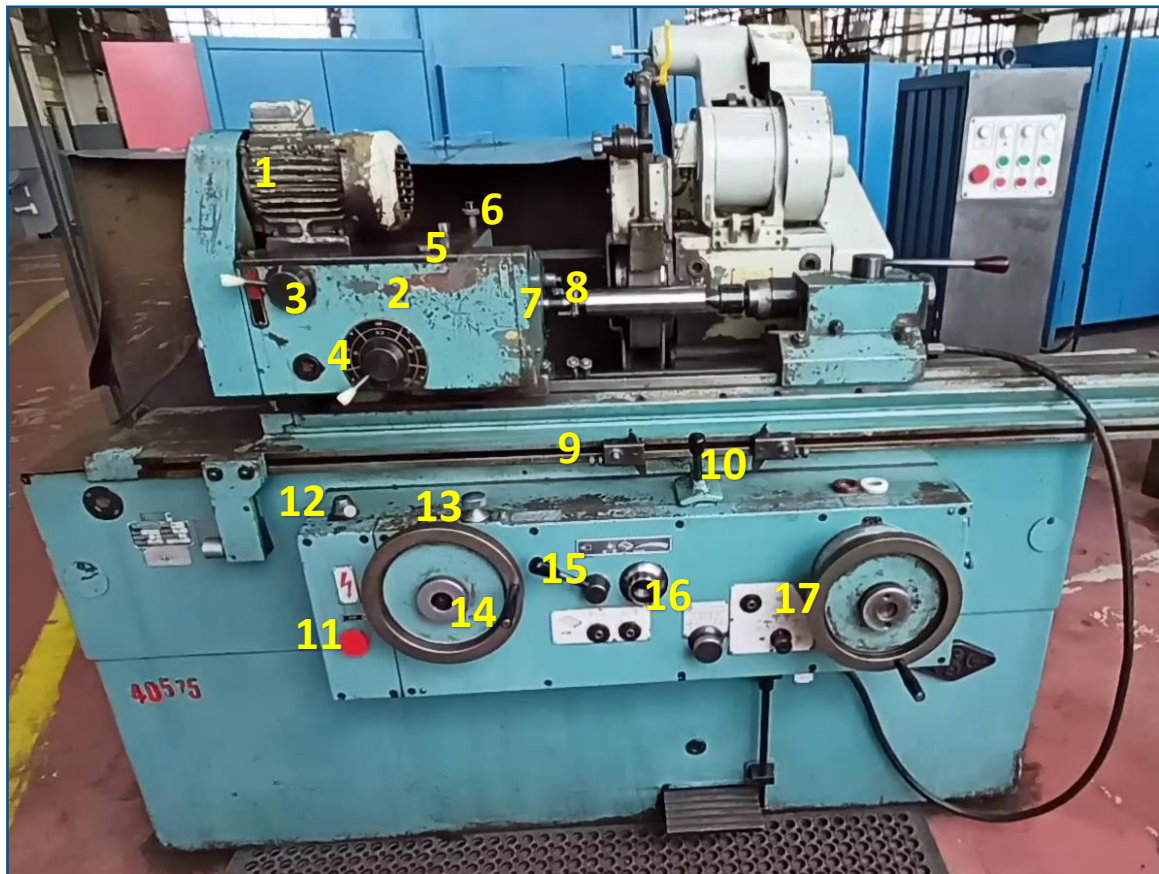


I. Name the machine tool in the picture.



II. Name the parts of the grinder.



- | | | | |
|--------------------------|--|--------------------------|---|
| <input type="checkbox"/> | Locking screw | <input type="checkbox"/> | Longitudinal feed speed control |
| <input type="checkbox"/> | Spindle with fixed point | <input type="checkbox"/> | Working headstock |
| <input type="checkbox"/> | Electric motor | <input type="checkbox"/> | Machine feed switch |
| <input type="checkbox"/> | Longitudinal shift lever | <input type="checkbox"/> | Drifting thumb |
| <input type="checkbox"/> | Setting the automatic feed of the grinding wheel | <input type="checkbox"/> | Crank for moving the longitudinal table |
| <input type="checkbox"/> | Manual micro-advance of the longitudinal table | <input type="checkbox"/> | Selection of revolutions |
| <input type="checkbox"/> | Adjustable stops | <input type="checkbox"/> | Speed reduction |
| <input type="checkbox"/> | Locking the headstock in the zero position | <input type="checkbox"/> | Central stop |
| | | <input type="checkbox"/> | Manual control of the working headstock |

III. Name the marked parts.



- tailstock
- tailstock sleeve with controlling lever
- tailstock securing screws
- workpiece clamped between the spikes
- longitudinal table
- tailstock sleeve with a rotating tip

MACHINING

Grinding

Grinding of cylindrical surfaces

IV. Assess the correctness of the statements in relation to the picture.



The white buttons are called indicator lights.

TRUE / FALSE

The green buttons are for start.


TRUE / FALSE

Red buttons are warning.

TRUE / FALSE

The big red button turns off all devices.

TRUE / FALSE

The white button  does not signal a problem with the hydraulics.

TRUE / FALSE

V. Make the correct pairs.

The minimum revolutions on the described grinder

... for the maximum offset of the longitudinal table of the grinder.

The magnetic drum is used to

... into the quill of the tailstock.

The sludge separator ensures

... collect chips.

The maximum revolutions on the described grinder ...

... by $(0 - 45)^\circ$.

The rotating tip is clamped

... are 31.7 min^{-1} for the working headstock.

The working vise can be tilted

... by $(0 - 35)^\circ$.

$(0-5)^\circ$ is the value

... are 710 min^{-1} for the working headstock.

The grinding headstock can be tilted

... the cleanliness of the cooling liquid.

The feed of the disk into the shot has an accuracy of

... 0.1 mm (corresponds to one division on the vernier).

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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OUTCOME TEST
MODULE 4 / TEST 3