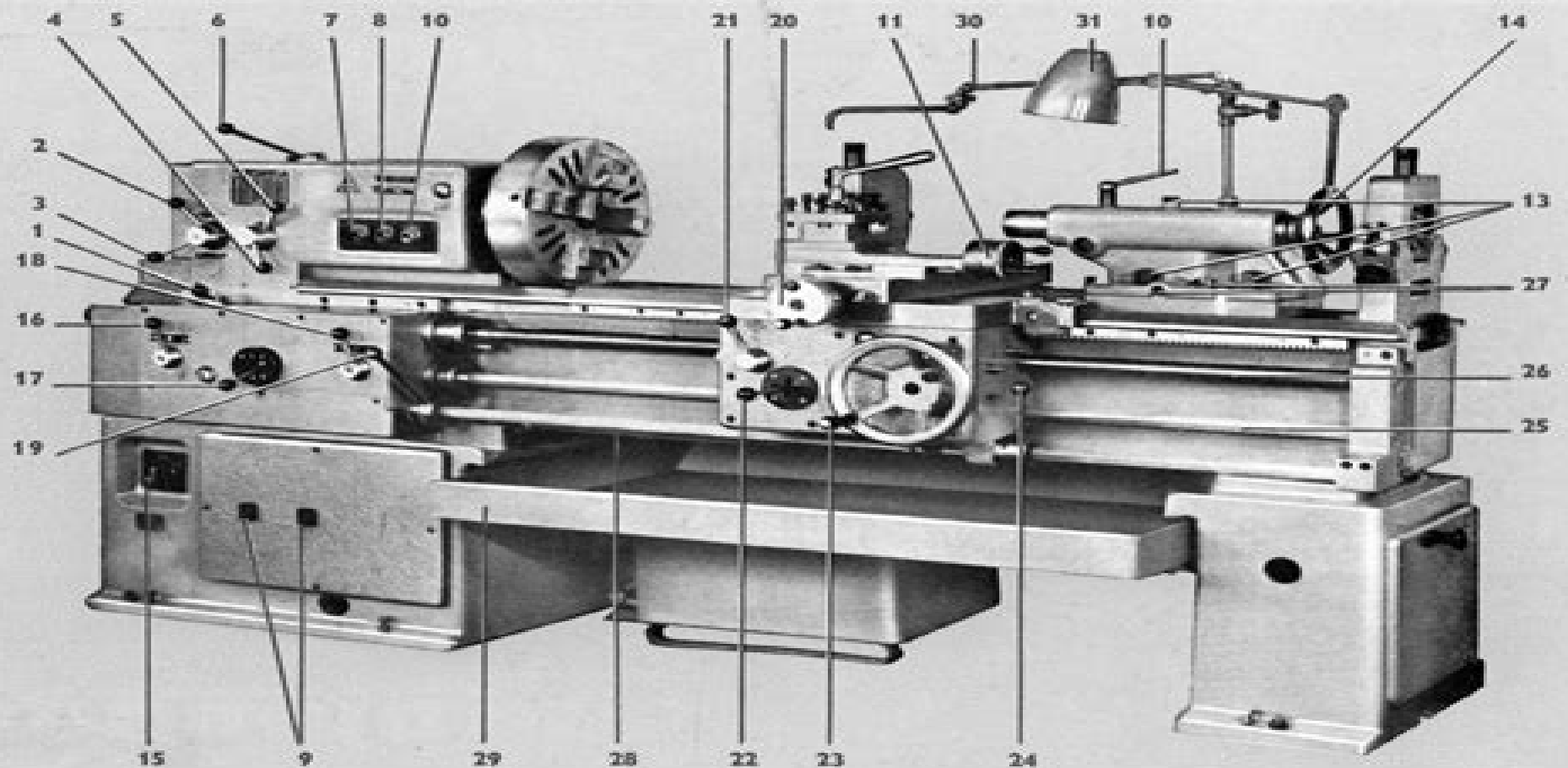




CONTROL ELEMENTS OF MACHINE

- | | |
|---|---|
| 1. Lever for selection of metric or Whitworth thread, | 16., 17. Setting of size of feed or lead of thread |
| 2. Control of direction of rotation of lead rod | 18. Switching-over of drive to feed shaft or lead screw |
| 3. Change of feed ratio 1 : 1, 1 : 8 | 19. Lever for controlling the clutch |
| 4., 5. Selection of different steps of spindle speed | 20. Wheels of manual cross feed |
| 6. Selection of different steps of spindle speed | 21. Release and engaging of lead screw nut |
| 7. Coolant pump motor switch | 22. Control of power feeds |
| 8. Push-button for starting machine, with pilot light | 23. Wheel of manual slide feed |
| 9. Thermal protector switch | 24. Lever of clutch control |
| 10. Push-button for stopping the machine | 25. Lead rod |
| 11. Wheel of manual, longitudinal feed of top slide | 26. Lead screw |
| 12. Lever for securing the tailstock sleeve position | 27. Screw for offset of tailstock |
| 13. Fastening of tailstock | 28. Disconnecting rod |
| 14. Hand wheel for adjusting tailstock sleeve | 29. Chip pan |
| 15. Master switch of electric connection | 30. Cooling |
| | 31. Lighting |

Tos Lathe Machine Repair Manual

Daniela Niemeyer



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Manual, Valve Repair and Maintenance for Naval Service United States. Navy Department. Bureau of Ships,1949

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