

Engine Lathe Introduction

Lathe

Remember: Only one person operates the machine

PURPOSE

- Primarily used for cylindrically symmetric drilling, turning, facing, and boring
- Do not use for pressing operations

DANGERS

- Don't touch cutter or chips while machine is running
- Make sure work is clamped tightly in chuck or collet
- Be careful to stay clear of chuck jaws

CLEAN UP

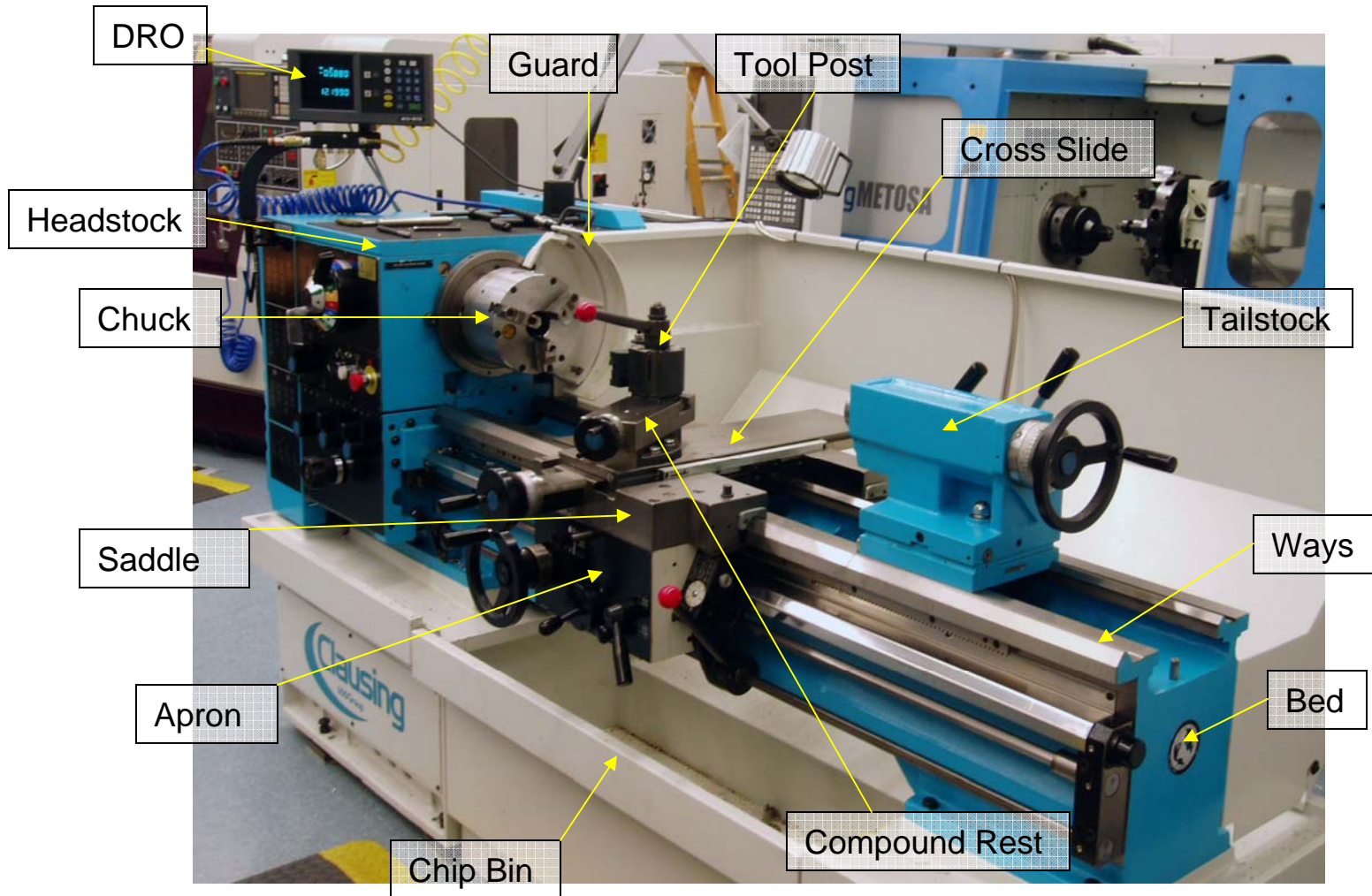
- Turn off machine
- Brush all dust off machine and sweep floor
- Always leave machine clear of objects and clean
- Return all tools to their proper locations

HOW TO OPERATE

- Secure part in chuck or collet
- Install appropriate cutter(s), make sure they are at the proper position in the tool rest or tailstock
- Set speed for cutter type, stock diameter, and material
- Indicate off part or take light cuts to establish coordinate system
- Change gears with machine off, including feed changes
- **MAKE SURE MACHINE IS RUNNING IN THE CORRECT DIRECTION FOR CUTTER**
- After operation, return tools and clean machine
- If problem arises, shut machine OFF and ask someone for help

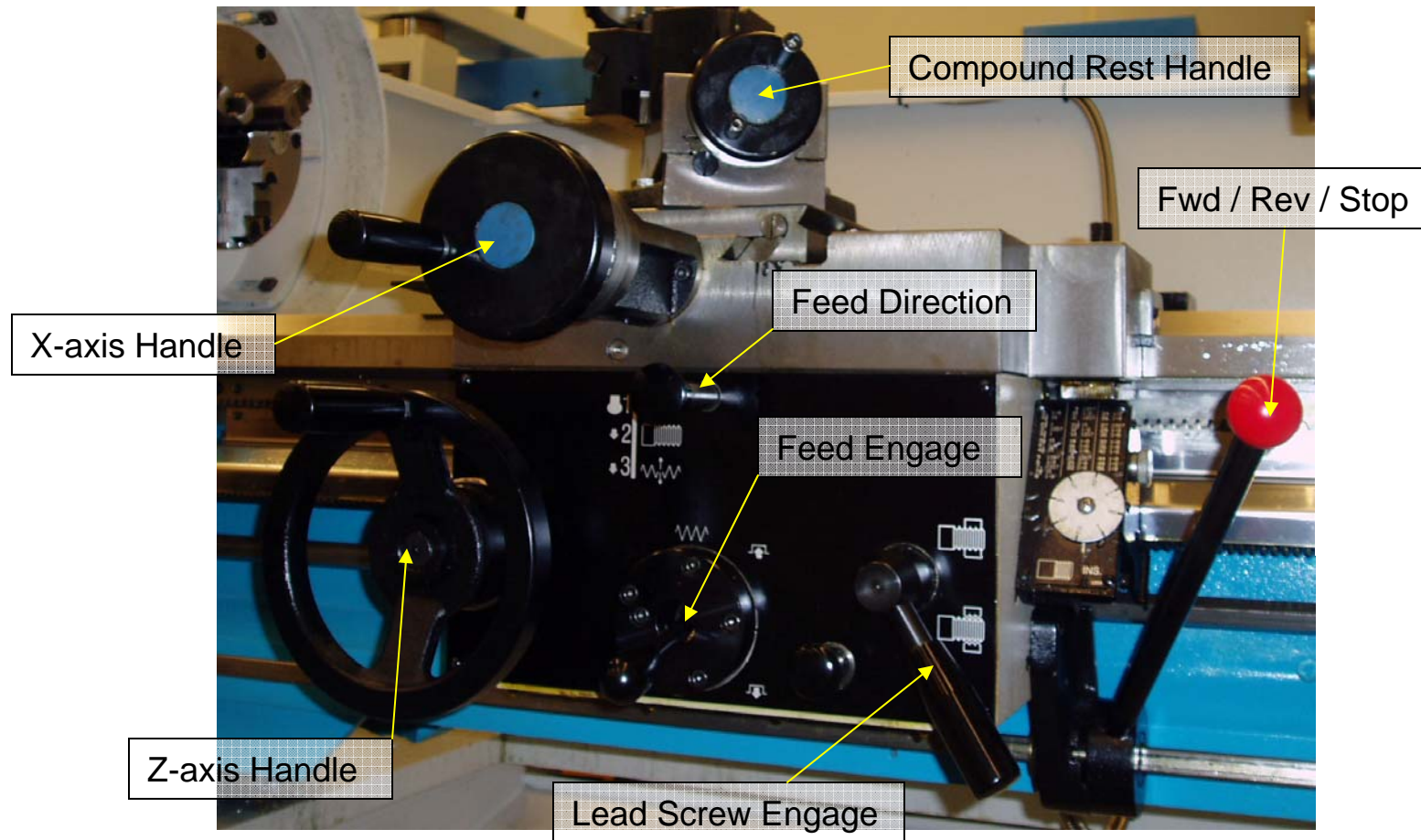
Lathe

Remember: Only one person operates the machine



Lathe

Remember: Only one person operates the machine



Lathe

Remember: Only one person operates the machine

