

Metal Turning Lathe

ANTISHICNC Company

Solve Your Metalworking Challenges with Ease

Our Metal Turning Lathe is designed to deliver unmatched precision, efficiency, and reliability for all your metalworking needs. Whether you're a professional machinist or a hobbyist, this lathe is your ultimate tool for turning, cutting, and shaping metal with perfection.

Operations on Lathe

Turning: produce straight, conical, curved, or grooved work pieces

Facing: to produce a flat surface at the end of the part or for making face grooves.

Boring: to enlarge a hole or cylindrical cavity made by a previous process or to produce circular internal grooves.

Drilling: to produce a hole by fixing a drill in the tailstock

Threading: to produce external or internal threads

Knurling: to produce a regularly shaped roughness on cylindrical surfaces

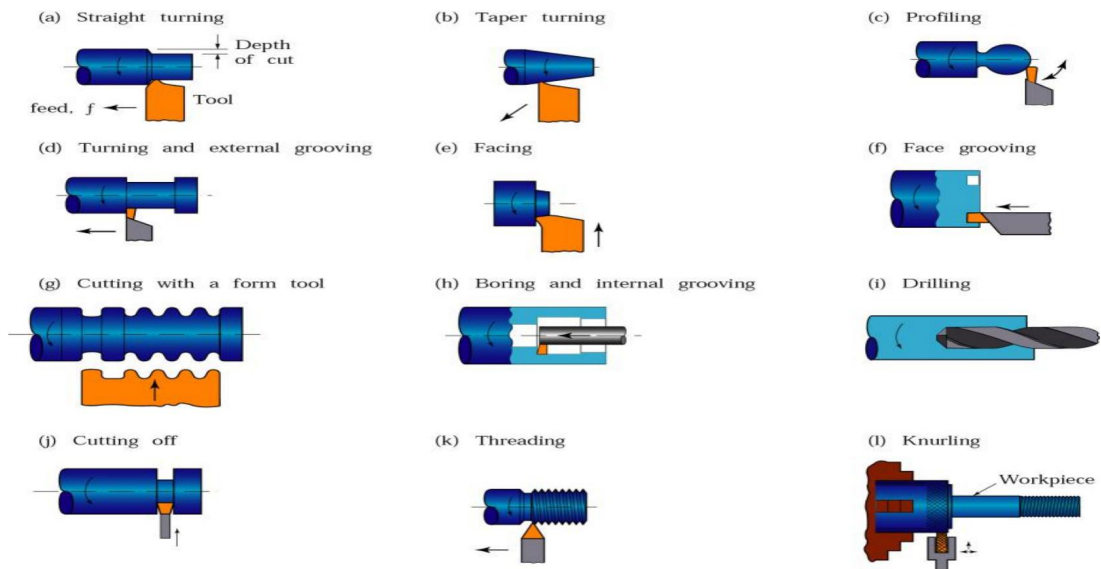


Image Source: kcgcollege.ac.in

Applications

Industrial Manufacturing: Ideal for creating precision components for machinery and equipment.

Automotive Industry: Perfect for crafting engine parts, shafts, and other automotive

components.

Aerospace Engineering: Used for producing high-precision parts for aircraft and spacecraft.

Hobbyist Projects: Great for DIY enthusiasts working on custom metalworking projects.

Key Benefits at a Glance

Durability: Engineered to stand the test of time, even under heavy workloads.

Precision: Achieve flawless results thanks to advanced engineering and fine calibration.

Efficiency: Save time without compromising accuracy or quality.

Versatility: Adaptable to a wide range of applications from custom designs to high-volume production.

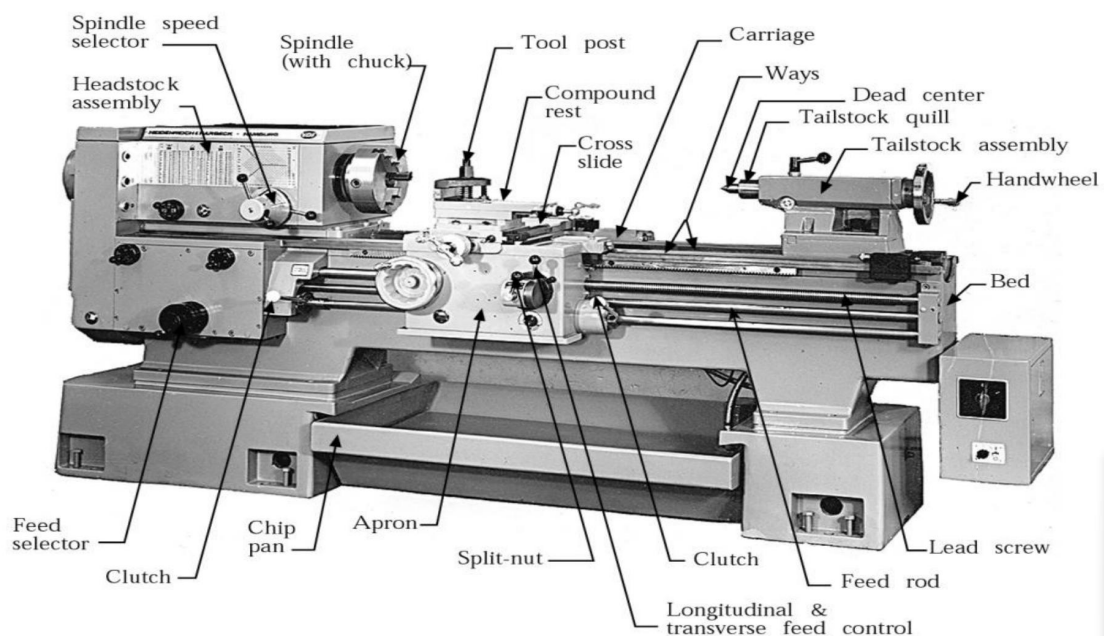


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Schematic view of Lathe

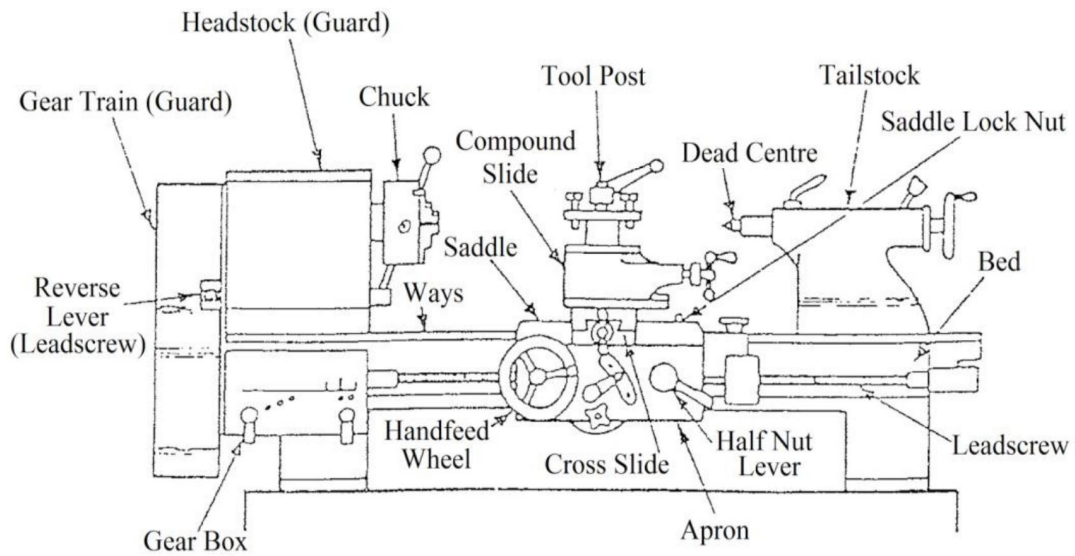


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Investment Options

Choose the configuration that matches your production needs

Standard Model

\$45,000

- ✓ 14" x 40" capacity
- ✓ 3HP motor
- ✓ Manual operation
- ✓ Basic tooling package
- ✓ 1-year warranty

Professional Model

\$75,000

Most Popular

- ✓ 16" x 60" capacity
- ✓ 7.5HP motor
- ✓ DRO system included
- ✓ Complete tooling package
- ✓ 2-year warranty
- ✓ Installation & training

CNC-Ready Model

\$120,000

- ✓ 20" x 80" capacity
- ✓ 15HP motor
- ✓ CNC conversion ready
- ✓ IoT connectivity
- ✓ Premium tooling
- ✓ 3-year warranty

Comprehensive Safety Features

Safety-first design protecting operators and ensuring compliance with global standards



Emergency Stop Systems

Multiple emergency stops strategically positioned for immediate machine shutdown



Flying Object Protection

Full enclosure guards prevent chips and debris from reaching operators



Entanglement Prevention

Interlocked guards and proximity sensors prevent access during operation



Heat Management

Automatic cooling systems and thermal protection prevent overheating



Noise Control

Sound dampening keeps noise levels under 85dB for 8-hour operation



Compliance Certified

Meets OSHA, CE, and international safety standards with documentation