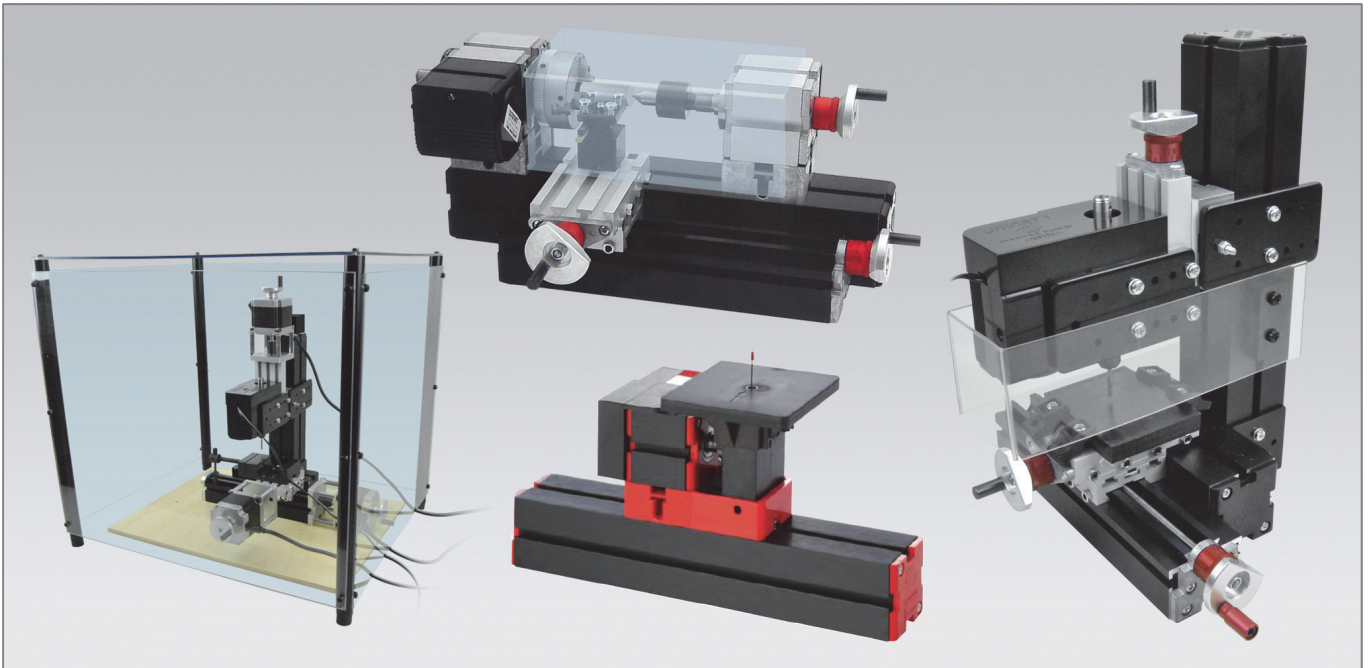


## Product Information Sheet

### Machine Tools Class Pack



The Machine Tools Class Pack is a classroom-based resource for investigating, building, and operating machine tools. A series of challenges are used to give students a taste of how machine tools are used to manufacture components from wood, metal and polymers.

The Machine Tools Class Pack includes a range of innovative, small scale machine tools. These allow students to build and operate a range of different machine tools and operate them either manually or via CNC technology. These machine tools can also be used as part of a "MakerSpace".

The Machine Tools Class Pack features in our range of Career Exploration programs and are used to give students a taste of machine tool manufacture, and to help students develop solutions to a range of practical real-world challenges within a classroom or lab environment.

#### Features:

- Robust, accurate machine tools
- Suited for machining wood, soft metals and polymers
- Interlocking guard and safety system
- Cloud-based machine tool curriculum

#### Typical Project Activities Include:

- Building a Sawing Machine
- Building a Turning Machine
- Building a Milling Machine
- Manufacture using Sawing
- Manufacture using Turning
- Manufacture using Milling
- Manufacture using a CNC Machine

#### Items Included:

- 2 x Wood Machine tool packs can be configured as jigsaw, wood turning lathe, drill
- 2 x Metal machine tool packs can be configured as a lathe, vertical mill or horizontal mill
- A Manual Lathe
- A Manual Mill
- A CNC Mill
- Curriculum-Based Learning Content
- A set of materials for machining

#### Other Items Required:

- Computer for CNC machine only

**Order Code: 506-50**

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