

PLASPLUGS® WORKSHOP

MULTI-TOOL

Automatic Chisel & Plane Profiler



Retaining Latch



Feed Control
Knob

Angle Clamp
Knobs

Vice Guideway

Vice Clamp Knob

FOR YOUR SAFETY. PLEASE READ BEFORE USE.

Instruction Manual

Automatic Chisel & Plane Profiler

Safety Precautions

PLEASE READ CAREFULLY ALL THE FOLLOWING SAFETY PRECAUTIONS PRIOR TO USING YOUR AUTOMATIC CHISEL & PLANE PROFILER FOR THE FIRST TIME

USER PRECAUTIONS

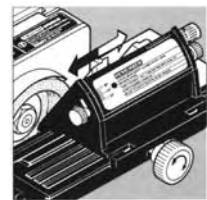
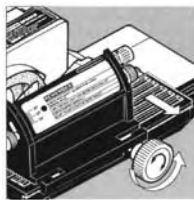
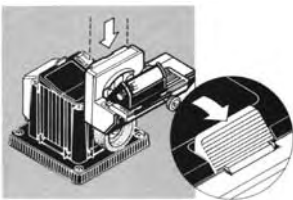
- Remove all loose clothing, neckties, rings, bracelets and other jewellery that may get caught in moving parts.
- Non-slip footwear is recommended.
- Wear protective hair covering to contain long hair.
- Ear muffs and gloves are recommended.
- Always use safety glasses. NB: Everyday eye glasses do not contain impact resistant lenses – they are **NOT** safety glasses.
- Always use face or dust masks if grinding operation is dusty.

CARE AND CLEANING

- Before cleaning, disconnect from the mains.
- Keep clean and free from oil and grease.
- Store in dry conditions.

When using electrical tools, basic safety precautions should always be used including the following:

- Unplug from outlet when not in use, before putting on or taking off any parts and before cleaning.
- To protect against electrical shock, do not immerse cord, plug or appliance in water or any other liquid.
- To reduce the risk of unintentional starting, make sure that the switch is in the off position before plugging in.
- Do not operate any product with a damaged cord or plug, if the product malfunctions or it is dropped or damaged in any way.
- Always check for damaged parts before operation. Damaged parts should be properly repaired and replaced.
- Do not use in dangerous environments or expose to damp or wet conditions.
- Keep your working area well lit.
- Do not let the cord hang over the edge of table or counter or touch hot surfaces.
- Do not use product or attachments for other than intended purpose.
- Do not leave the grinding wheel unattended whilst it is operating.
- Keep all non-users a safe distance from the work area. Keep out of reach of children at all times.
- Grinding generates sparks – keep away all flammable substances and materials.
- Never touch the moving grinding wheel.
- The motor is specially rated for intermittent use – maximum 20 minutes continuous use.
- Do not attach modules when the grinding wheel is moving.
- Do not use the grinding wheel without a module in place.
- Before removing a module, switch off on the Power Unit and allow the grinding wheel to come to a stop.



Attaching the Automatic Chisel and Plane Profiler

Slide the module down into the slots until the top retaining latch locks the module into place.

The vice must be clear of the grinding wheel as positioned on leaving the factory. If not wind feed control knob back to clear vice of the grinding wheel.

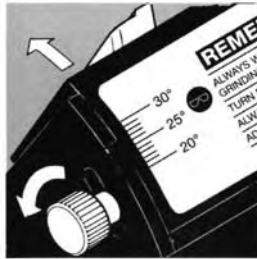
Check that the module is operating correctly by switching on the power. The vice will traverse backwards and forwards across the grinding wheel.

Setting up Your Automatic Chisel and Plane Profiler

Wind back vice guideway from grinding wheel about two turns using feed control knob.

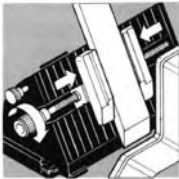
Position vice at right hand side of guideway by switching motor on and off appropriately.

Automatic Chisel & Plane Profiler



Angle Finder Guide

Angles and profiles vary. To help select the correct / closest angle / profile use the angle finder guide included in the pack. Insert chisel or blade into the angle finder guide and select the tightest angle slot between 20° and 30°. Once selected loosen the angle setting knobs, set the desired angle and re-tighten



Loading blade

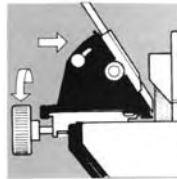
Open vice jaws and position chisel/plane blade squarely against one vice jaw; the blade's cutting edge must be position in front of the lower edge (see drawing).

Tighten vice jaws using vice clamp tightening knobs.



1.5mm / 1/16"

The cutting edge should be about 1.5mm / 1/16" in front of lower edge and level with the front of the guide bar.



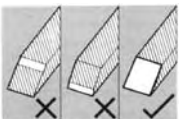
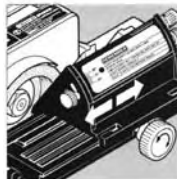
Grinding

Re-check the clearance from the grinding wheel and if necessary wind back the feed control knob further to clear.

Make final clearance check and switch on motor.
(Eye protection should be worn).

Gradually move tool blade towards wheel by turning feed control knob clockwise. Once grinding commences increase feed very gradually a quarter turn each five to ten traverses.

Too fast a feed may curve the sharpened edge.



Inspection

To inspect grinding progress wind feed control knob back (anti-clockwise) one turn and as previously, position tool at right hand of guideway by switching motor on and off appropriately.

Continue the grinding process until a satisfactory edge has been achieved. Wind feed control knob back one turn anti-clockwise and switch off motor.



Removing burrs

Remove small feather edges on the blade with a scrap of wood or with a leather pad as shown in diagrams.

Fine honing

For extra fine work the edge may be honed with the oilstone. Avoid rounding back of blades.

MULTI-TOOL

Modular Power Tool System

***Build your own Multi-Tool,**
the most innovative modular work-
shop system can:

- Sharpen
- Drill
- Sand
- Polish
- Engrave
- Grind
- Shape
- Plus much more...

* Modules shown are sold Separatly

