

Pellet Trials (UK) Ltd



‘Mini Press’

The **Mini Press** is a bespoke ‘Domestic’ Pellet mill, manufactured in the UK and developed to use the same design features that industrial equipment does – but at a significantly reduced cost. The **Mini Press** is a freestanding, test unit that only needs a power supply.

Description:

Mild steel construction painted & powder coat finish.

Raw Material Hopper.

Two reservoirs for the addition of liquids (water / oil).

Variable Speed Feeder Screw

Turbulator/Inline Mixer - V-Belt drive.

Die holder/quill shaft mounted on independent bearings.

Pellet Die – bespoke to the raw material/product

Two adjustable roll assemblies, mounted in the door.

Push button Control Panel

Instruction Manual

Support frame.

One die and a set of roll assemblies included in supply.

Dies:

Hole diameter – normally based on industry standards, influenced by the nature of the material and customer requirements.

Die thickness (Effective Pelleting Length / Compression length)

Influenced by the raw material – we will advise and can even run trials to help guide on this.

Dies can even be produced and fine-tuned once the process is up and running.

Rolls:

Fluted or dimpled design options



Technical specifications:

Variable speed feeder - 0.18kW SEW Direct drive Motor Gearbox

Turbulator and Main drive - V-Belt drive, 2.2 or 3kW, SEW motor, Single or Three Phase Options

Die - Inside diameter 200mm, die track 31mm or 12mm for Biomass

Rolls – 2 off, diameter 95mm

Control panel – IP55 Push button on / off controls with Amp meter and Feeder speed control.

Any questions just Ask:

info@pellettrials.com / (+44) 01524 848400

Important:

*In order to keep the equipment simple and cost effective there is no interlock on the door of the standard unit.
All panels are bolted and require tools to access. However, safety switches and interlocks can be offered as an option..
The machine should only be worked on and operated by qualified personnel and should be isolated when it is worked on.
Customers should carry out their own risk assessment to protect their staff and meet legislation.*