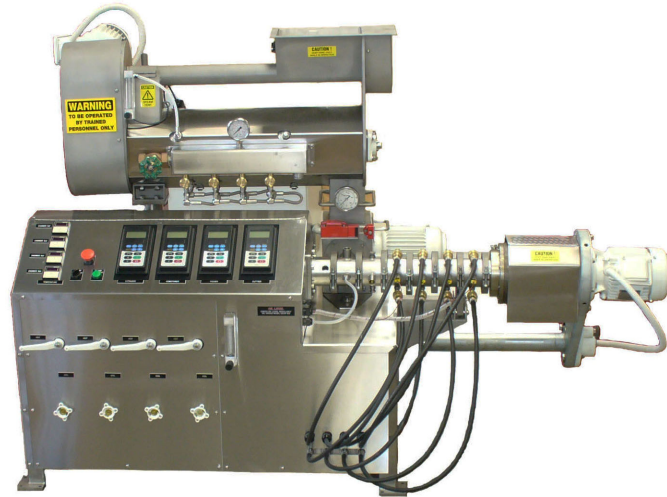


**51-SP Single Screw Laboratory Extruder 45mm
for processing capacities of 50kg/hr**



Specification & Features

Main Drive:

11kW AC motor

Coupled to extruder shaft via “V” belts and pulleys

Shaft Assembly:

Extendable main shaft – up to 6 barrels can be fitted

High performance taper roller bearing assembly

Barrel and screws:

Water jacketed stainless steel barrels with replaceable liners with controls for steam heating and/or water cooling

Stainless screw components

Various screw designs/profiles to suit products

Barrel water injection nozzle and flow meter

JSConwell

Extrusion Technology

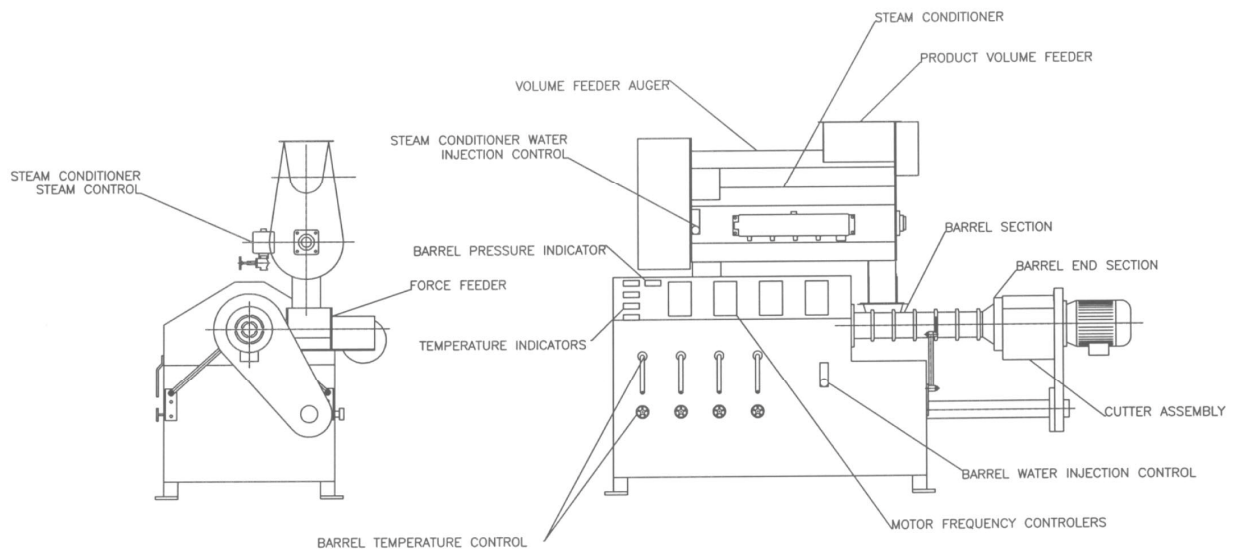
Preconditioner:

- SP preconditioner with counter rotating paddles
- Swing away design allows for running without preconditioner
- Variable speed inlet volumetric and side feeder
- Multiple steam injection ports and control valves included
- Water injection nozzles and flow meter
- Additional injection ports
- Anti-bridging agitators on inlet hopper

Control:

- All controls included machine mounted
- Separate motor centre panel houses electrical components

Process Layout:





About Us

JSConwell Ltd is a specialised company based in Palmerston North, New Zealand.

We have many years experience in the design manufacture and operation of single screw extruders around the globe.

JSConwell Ltd has been responsible for the design, manufacture and support of all Bühler millbank single screw extruders in the past, and now sell this equipment directly.

We pride ourselves on providing excellent customer service. In addition, our vast technical knowledge and experience ensures that you will receive the best equipment and advice on the market.

Our high quality equipment is designed to give our customers the best value. This is achieved by providing high capacity machines at a good price, efficient operation with low wear part replacement costs.

We have machines especially optimised for full fat soya bean meal processing.

If you have any questions or would like a quote please contact us.

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