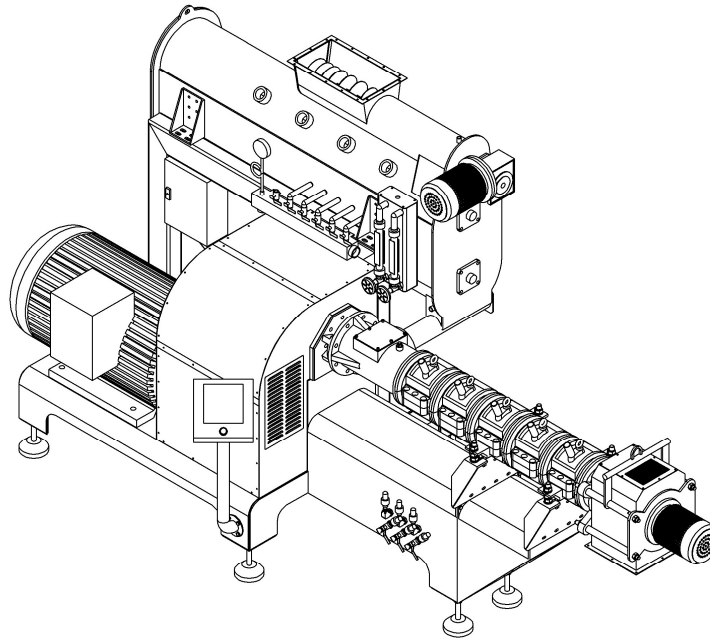




**3000-SX Single Screw cooking Extruder 133mm
for processing capacities up to 4000kg/hr***



Specification & Features

Main Drive:

110kW AC motor
Coupled to extruder shaft via high power synchronous belt

Shaft Assembly:

Extendable main shaft – up to 7 barrels can be fitted
High performance taper roller bearing assembly
Oil cooling and filter system
5 x sealing system to prevent contamination of bearing housing oil – extending bearing life

Barrel and Screws:

“Clam shell” barrels incorporating high quality wear resistant barrel liners.
3 different liner designs available allowing versatile operation
Water cooled barrels optional
Wear ring with choke plates/restrictors or continuous screw configurations
Various screw designs/profiles to suit products
Barrel water injection nozzle and flow meter optional

*Capacity dependent on product

Preconditioner:

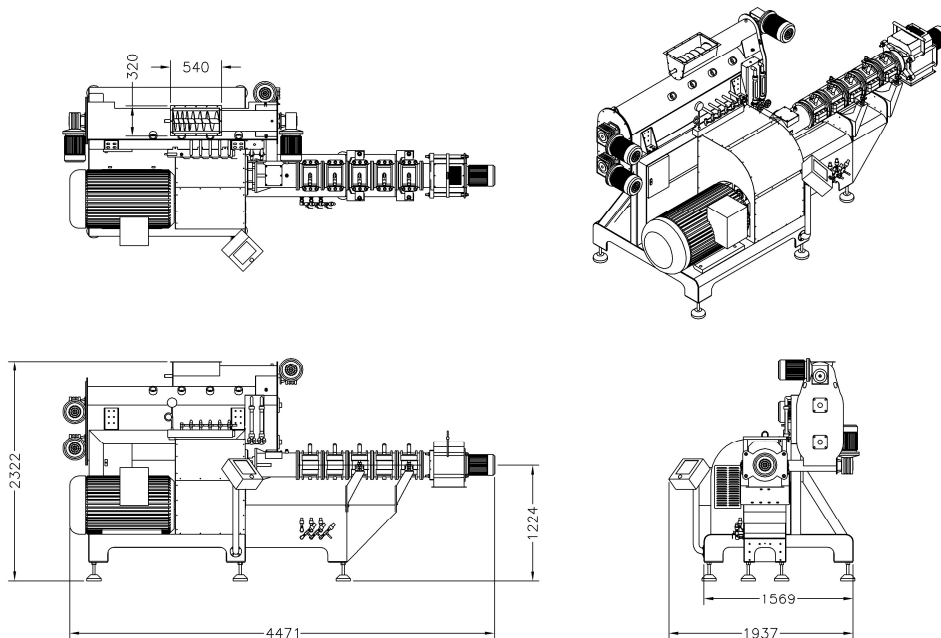
Standard fitted with twin chamber differential speed high capacity pre-conditioner
Includes variable pitch volumetric feeder assembly
High moisture side feeder into extruder intake
Multiple steam injection ports and control valves included
Water injection nozzles and flow meter
4 x additional injection ports

Control:

Optional control systems

1. No control – allows machine to be integrated into your own system
All wires connected to terminal box
2. Manual control – includes independently mounted control cabinet with basic control of all motors and control of in-feed auger speed. Display of main motor amps.
3. PLC control – Includes machine mounted touch screen display showing all motors power consumption barrel/pre-conditioner temperatures and adjustment of motor speeds (where variable speed drives are fitted).

Dimensions:





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 coupled with 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 competitive price that provide efficient operation and low wear part replacement costs.

We have machines specifically 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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