

IQ-SHRINK

The **IQ-Shrink** hot water tunnel is the most energy efficient electrically heated hot water shrink tunnel of its type currently available.



FEATURES

Flueless

Energy efficient (complete machine can run off a 50 amp 4 pin plug)

Minimal footprint 1,000mm x 900mm

Sanitary and easy to clean

T304 stainless steel construction

Touch screen / PLC control

Automatic water level control

Full insulation *minimum* heat loss

Automatic temperature control

Multi purpose

Easy access for routine maintenance

Our machine is fully integrated, and as with the rest of our range, is a simple plug and play operation.

Please keep in touch for further developments with this technology.

OVERVIEW

The McLaren IQ-Shrink hot water shrink tunnel is the most energy efficient, electrically heated hot water shrink tunnel available - this is because the heat is retained within the machine once up to temperature.

Because the IQ-Shrink condenses its own steam within the machine there's NO flue extracting steam and heat from the machine. This also allows the machine to have a very small footprint compared to other machines of the same capacity. The IQ-Shrink can be orientated left-to-right or right-to-left to suit plant layout.

Cold water makeup is all that is required to ensure good steam condensation, with the overflow condensate going to drain, or if required can be piped to a plant-based heat recovery system.

The 3 x 11KW elements within the tank maintain the water temperature at the constant required setpoint for the water flowing over the product via the dual weir waterfall. The elements automatically turn on and off as needed to maintain the setpoint.

Allen Bradley control via an HMI operates all functions of the unit from temperature to water flow and belt speed.

The IQ-Shrink integrates with the rest of our IQ range including the IQ-Chill and IQ-Dry to create a family of machines designed to work seamlessly together.

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TECH SPECS

Machine Dimensions 1000mm(l) x 900mm(w) x 1550mm(h)

Infeed Height 900mm -0/+100

Exit Height 900mm -0/+100

Conveyor Width 560mm

Electrical 400v / 50hz / 3 phase / 50 amp (maximum load 33kw)

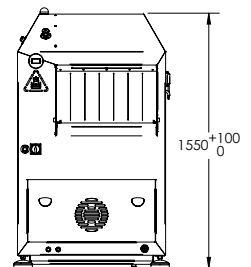
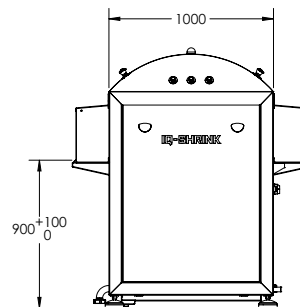
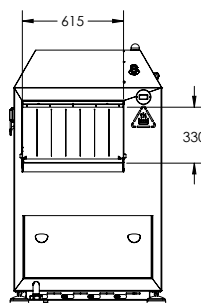
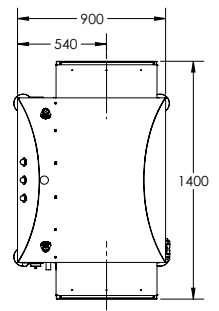
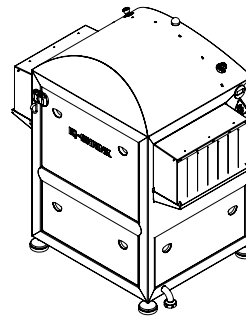
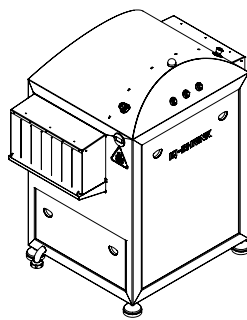
Weight 650kg (approx) when full

Water Supply 100-200 litres per hour

Energy Recovery Water 90-190 litres per hour (40°-60°C) returned to plant system

Drain 1.5"

Steam Usage (Optional) 18kg/hr @ 10 BARG



All critical parts are treated against the corrosive environment often found in food production and packaging rooms. Designed with ergonomics, safety and hygiene in mind, they are easy to use, clean and simple to maintain.



SMART PROCESSING