PRODUCT RANGE SPECIFICATION

M30300(120-1800x0900x500) – Electric Stainless Steel Pig Scalding Tank

PRODUCT IMAGE

ⓘ Product image is representative of the range and may not reflect the actual item.

DOCUMENT SCOPE	DOCUMENT REFERENCE	DATA STATUS	GENERATED ON
Product range	M30300(120-1800x0900x500){PSS}	Published catalogue data	7 Nov 2026

Detailed item specifications

View available models and configuration options on the product page. Select a model to download its detailed specification sheet with dimensions, technical specifications and drawings. Scan the QR code or follow the link below.

https://basterfield.co.za/products/m30300120-1800x0900x500-electric-stainless-steel-pig-scalding-tank#specifications

01 Product description and specification

Product description

Electric scalding bath for medium pig carcasses, built in 2mm Grade 304 stainless steel with 27kW immersion heating, thermostatic control and removable support grids.

Short Form Specification

SPECIFICATION USE
Use this description when specifying this product range.

Pig scalding tank in 2mm Grade 304 stainless steel; internal bath 1800mm L × 900mm W × 500mm D; three immersion elements rated 27kW total; 380V three-phase supply; 30–110°C adjustable thermostat; removable perforated support grids; 1½″ BSP ball valve for water inlet and outlet control. Scalding bath only; rotating devices, lifting equipment and hoists separately specified.

02 Technical specifications

PARAMETER	VALUE	UNIT	TECHNICAL NOTE
Material	Stainless Steel Grade 304	–	The primary material used in the construction of the item. Certain components may be manufactured from different materials.
Material Thickness	2	mm	The thickness of the material used for the item's primary construction. The thickness of individual components may vary.
Internal Tank Length	1800	mm	Length measured inside the tank.
Internal Tank Width	900	mm	Width measured inside the tank.

02 Technical specifications

PARAMETER	VALUE	UNIT	TECHNICAL NOTE
Internal Tank Depth	500	mm	Depth measured inside the tank.
Power	27	kW	Total rating of the three immersion heating elements.
Line-to-Line Voltage	380	VAC	Supply voltage between phases.
Supply Configuration	Three-Phase	–	Three-phase electrical supply.
Heating Element Quantity	3	–	Immersion heating elements.
Thermostat Adjustment Range	30–110°C	–	Adjustment range of the thermostat.
Support Grids	Removable Heavy-Duty Perforated Grids	–	Positioned above the heating elements.
Water Control Fitting	1½″ BSP Ball Valve	–	Water inlet and outlet control.

03 Functional features

01 **2mm Grade 304 Stainless Steel**
Stainless steel construction and radiused internal surfaces support routine washdown in wet pork-processing areas.

02 **1800 × 900 × 500mm Internal Tank**
A scalding bath for medium pig carcasses, with clearly specified internal dimensions for matching the tank to the carcass and handling arrangement.

03 **27kW Electric Immersion Heating**
Three immersion elements heat the water within the tank, providing a total rating of 27kW from a 380V three-phase supply.

04 **Adjustable Thermostatic Control**
The 30–110°C thermostat adjustment range lets the operator select the water-temperature setting for the scalding procedure.

05 **Removable Perforated Support Grids**
Heavy-duty grids support the carcass above the elements and lift out to provide cleaning access to the tank base and element area.

06 **Controlled Filling and Draining**
Water inlet and outlet control includes a 1½″ BSP ball valve, helping operators manage filling, draining and water changes.

04 Application information

Intended applications	Carcass Scalding, Slaughter & Abattoir Operations
Industries	Meat & Poultry Processing

05 Supply and support

Typical lead time	10–15 working days
Warranty	12 months

06 Frequently asked questions

What is this pig scalding tank used for?

It provides an electrically heated water bath for scalding medium pig carcasses before dehairing in pork-processing and abattoir operations.

What stainless steel grade and thickness are used?

The primary tank construction is 2mm thick Grade 304 stainless steel. Radiused internal surfaces and removable grids support routine cleaning.

Are the quoted dimensions internal or overall?

The 1800mm length × 900mm width × 500mm depth describes the inside of the tank. Confirm the overall footprint and loading and unloading clearances against the equipment drawing when planning the installation.

What electrical supply and heating power are specified?

The tank requires a 380V three-phase supply. Its three immersion elements have a combined heating rating of 27kW. Confirm the site supply and connection requirements when ordering.

How is the scalding-water temperature controlled?

The tank has adjustable thermostatic control with a 30–110°C adjustment range. Select the water-temperature setting to suit the operating procedure for the scalding process.

What do the perforated grids do?

The heavy-duty grids support the carcass above the immersion elements, helping prevent direct contact with them. They can be removed to give cleaning access to the tank base and element area.

What water-control fitting is included?

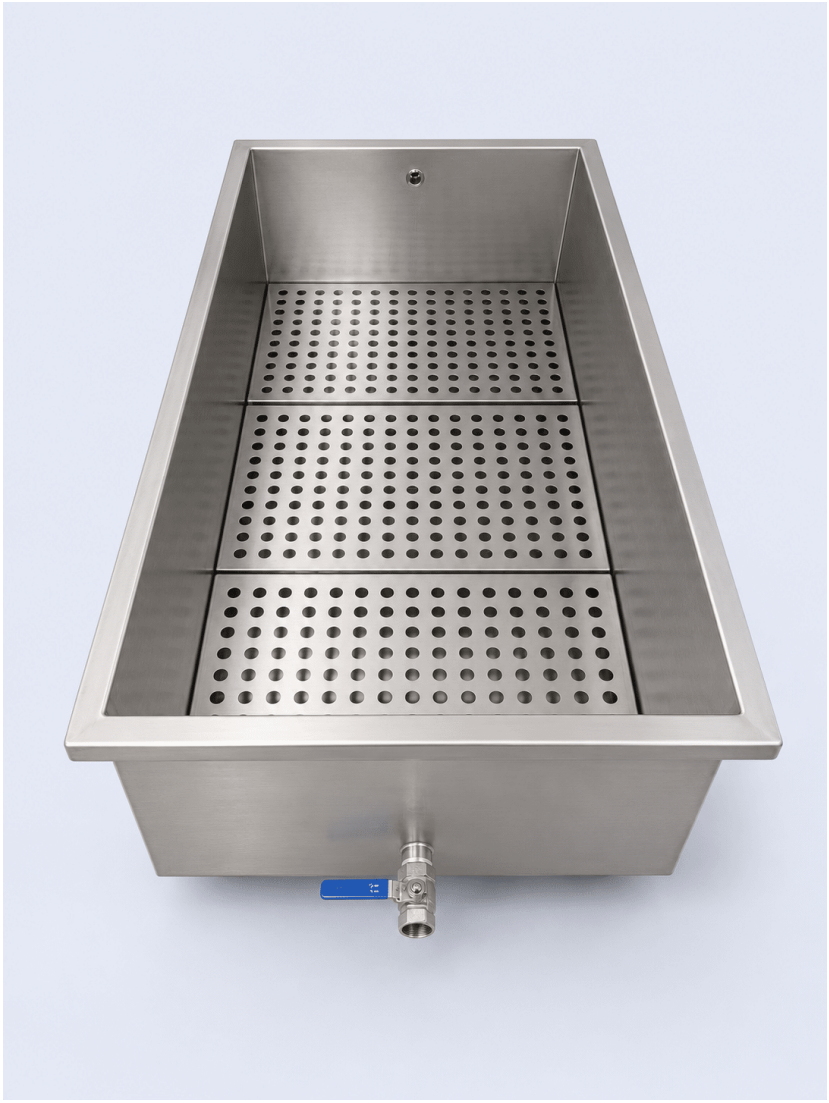
Water inlet and outlet control is specified with a 1½″ BSP ball valve. Confirm the connection positions and the site water-supply and drainage arrangements when planning installation.

Are rotating devices, lifts or hoists included?

The unit is supplied as a scalding bath only. Rotating devices, lifting equipment and hoists are excluded unless separately specified in the quotation. Include your intended loading and unloading arrangement with the enquiry.

Product drawings and images

PRODUCT IMAGE



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VERIFICATION REQUIRED Published values are provided for initial specification. Confirm the selected model, critical dimensions, site services, clearances, and the latest document revision with Basterfield before procurement, manufacture, or installation. E&OE. Specifications are subject to change without notice.