

# MEAT BALLS COOKER

for Wet Pet food processing



Automation  
Solutions to  
the Pet Food  
Industry







Meat balls Drops  
of 10 mm



Suitable for Cans,  
Pouches and Alu Trays



## Meat Balls Former

DANA Ball Drop Former is designed to form round or square drops for Wet Pet Food packages. The Forming machine can form the drops (balls) into different sizes and weights according to recipe.

Change of sizes/weights simple and easy by changing of product container of the Former.

### Advantages:

- High Capacity
- Easy to assemble and to clean
- Dual operation possible for different color or shape
- Extremely nice and inviting product
- Usage of many types/varieties of raw material from all kinds of meat
- Simple and efficient operation
- Easy for cleaning
- Standard Machines for different capacities.
- Support a wide range of recipes

## DANA Water Cooking Tunnel

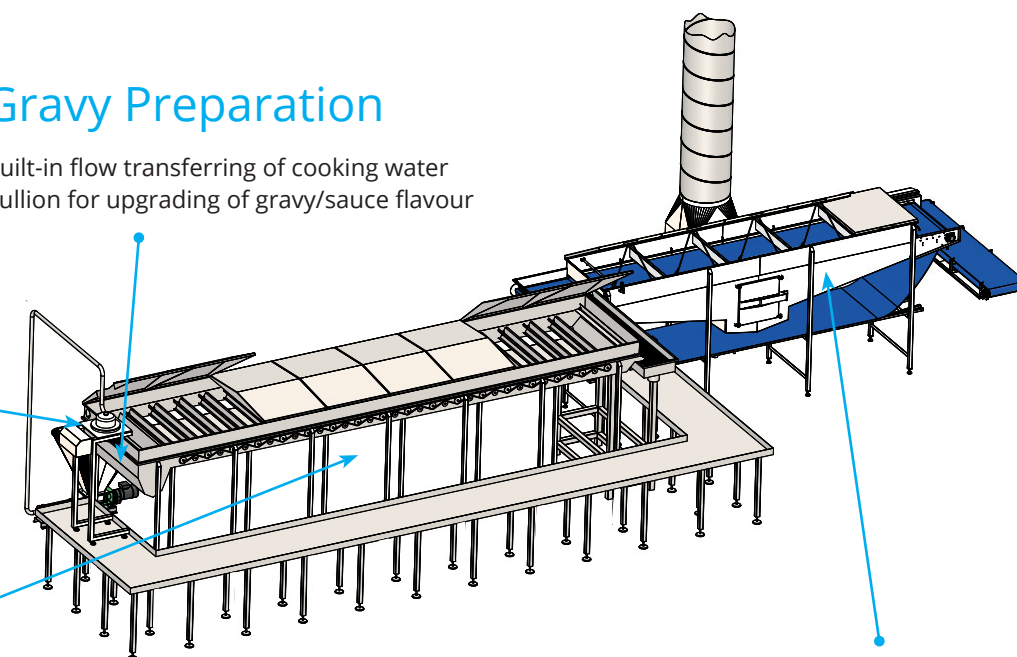
Fast and efficient cooking of meat drops/balls by using extreme little processing water due to special design of cooking vessel. Water is heated by direct steam injection into a special designed Jet-Heater, which will mix steam and water flow established by the built-in recirculation pump.

Formed product to be submersed individually by the front flow feed funnel for popping up after surface cooking to enter into the low water level water flume/vessel. Speed adjustable rotary paddling wheel plates will control the flow through the flume/vessel to ensure preset cooking time (adjustable).

Ending the cooking time at the flume/vessel discharge end, the drops/balls will be picked up and out of the cooking zone down to the angled cross vibrator for transferring and distributing the product to the evaporative belt cooling tunnel.

## Gravy Preparation

Built-in flow transferring of cooking water bullion for upgrading of gravy/sauce flavour

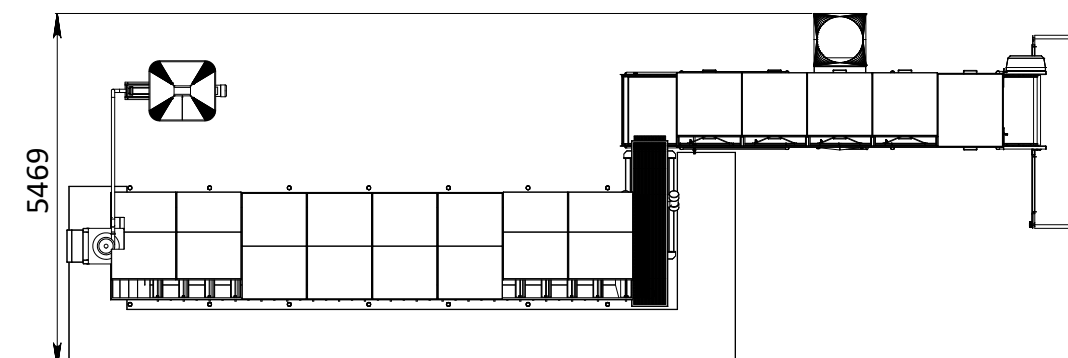
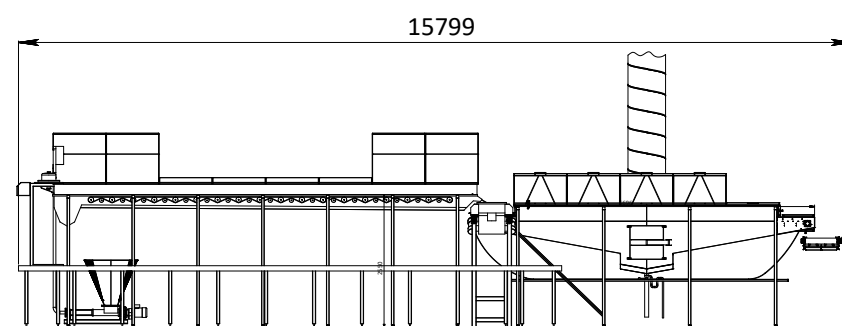


## Evaporative Cooler

Cooling of the product takes place by ultrafast evaporate air cooling, which will remove the surface water at the same time, thus simplifying the following filling by reducing the product sticking together.

The Evaporative cooling sequence by air will reduce the effluent to the environment.

ENERGY CONSUMPTION BY PROCESSING MEAT BALLS:	Standard Capacities		
	1.000 kg/h	2.000 kg/h	3.000 kg/h
<b>Water Vessel/Tunnel Cooking Line:</b>			
Start Up:	350 Kg/h	700 Kg/h	1.000 Kg/h
Consumption by full capacity:	300 Kg/h	600 Kg/h	1.200 Kg/h
Electrical Power: (3 x 400/230 - 50Hz)	4,5 Kw	7,5 Kw	12,5 Kw
Water Start Up:	3,0 m <sup>3</sup>	4,03 m <sup>3</sup>	6,0 m <sup>3</sup>
Water Consumption by full capacity:	0,2 m <sup>3</sup>	0,3 m <sup>3</sup>	0,4 m <sup>3</sup>
Compressed Air:	30 L/min.	40 L/min.	40 L/min.





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ENERGY CONSUMPTION BY PROCESSING MEAT BALLS:	Standard Capacities		
	1.000 kg/h	2.000 kg/h	3.000 kg/h
<b>Tank with Infeed pump:</b>			
Electricity:	2,0 Kw	2,0 Kw	3,5 Kw
<b>Product Transferring vibrator:</b>			
Electricity: incl. roller transfer unit - 3 x 400/230 V - 50 Hz	3,5 Kw	4,25 Kw	6,0 Kw
<b>Evaporative Cooler:</b>			
Electricity - incl. exhaust fan - 3 x 400/230V - 50 Hz	14,0 Kw	18,0 Kw	24,0 Kw

DANA TECHNOLOGY

## OUR CORE VALUES

### ABOUT US

DANA-Technology is a technologically innovative company focusing on developing machinery and equipment within FOOD AND PET FOOD INDUSTRY. Specialized in the development of innovative technologies by offering standard and customized machinery and equipment.

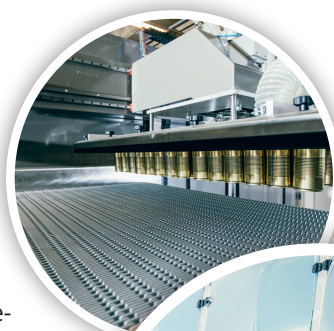
Our goal is to contribute to your business's continued success, if you are small, medium or large, we will make your business valuable.

DANA is the perfect partner for the design, engineering, supply, and construction of your pet food process line and offers upgrades for existing facilities and solutions to help increase productivity and efficiency, which are handled either in cooperation with regional suppliers or contractors as turnkey solutions.

The company's experienced project managers, process engineers, and experts from specialized functions ensure that the performance will come up to your expectations.

We believe in personal relations and know that our team of skilled professionals is the key to success and trust when cooperating with you as a customer.

When you place an order with us, you become a part of a dedicated company that will strive to make your production and business successful.



## Contact info:

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