

IA Poultry II - Quick Facts Sheet

This information highlights the main specifications for IA Poultry

IA Poultry dimensions

Main dimensions of IA Poultry are listed in the following table.

Dimensions	
Footprint	6.0 m ²
Service Area (0.5m - 1.0m space)	19 to 25 m ²
Height (floor to ventilation interface)	2.0-2.4 m
Weight (excl. steam and ventilation)	1,350 kg
Floor dimensioning	450 kg/m ²

IA Poultry supplies and outlets

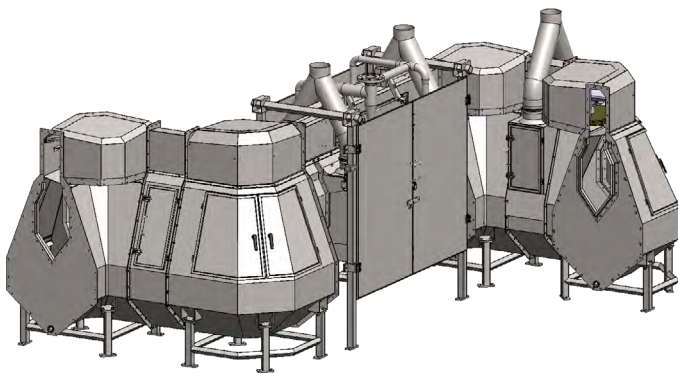
In the tables below are listed the necessary supplies, consumptions and outlets.

Supplies	
Power Requirement [16 A]	3x400/230V, 50 Hz
Power Consumption	2.5 kW
Pressurised Air [4-8 Bar]	10 l/h
Steam* [5-8 Bar]	550-750 kg/h

* Depending on chain speed: 175 – 233 b/min
Further requirements exist
Min. 2" pipe diameter for supply
Dry steam i.e. water separators installed between boiler and equipment and insulated supply pipes.
No transients in steam pressure due to other equipment usage.

Outlets	
Drain	500 l/h
Ventilation* [Ø154 mm]	3 times 1,700 m ³ /h
Noise**	< 85 dB(A) @0-20kHz < 100 dB @20-25kHz < 110 dB @25+kHz

* Further requirements exist
Short straight vertical outlet - longer piping requires larger diameter
** Sound pressure @ 1 m
Depending on installation environment



IA Poultry mechanical performance

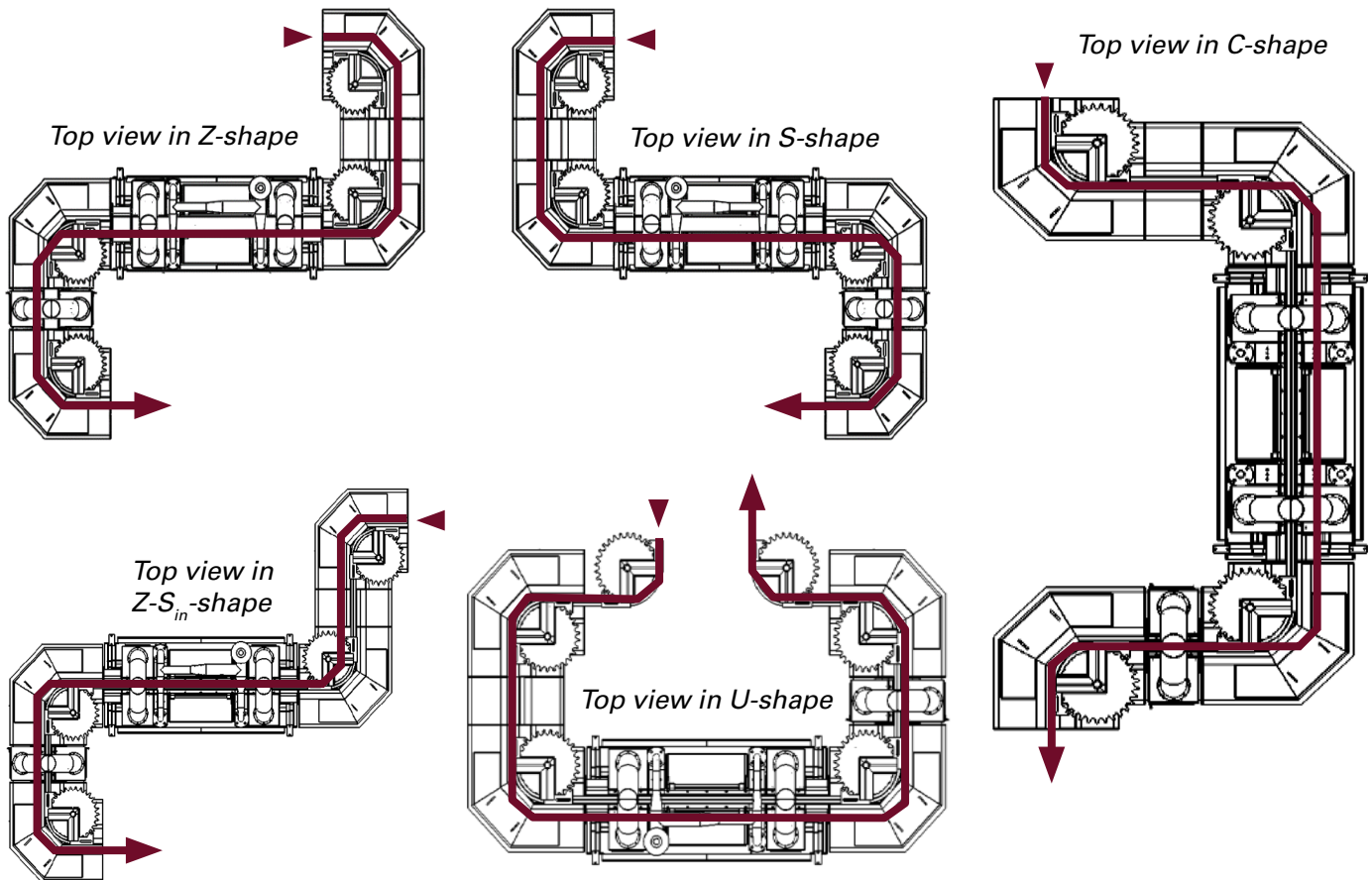
IA Poultry II is designed to operate under production speeds between 8.000 to 14.000 chickens per hour. Mechanical performance are listed below.

Capacity	Min.	Max.
Chickens pr. hour	8.000 / hour	14.000 / hour
Dimensions of Poultry		
Height	35 cm	44 cm
Weight	900 g	2.300 g

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IA Poultry Installation information for the production line

IA Poultry can easily fit into production lines as the installation can be made in various shapes.



The SonoSteam-equipment is to be mounted under and around the support-beam, which can be configured according to layout and existing production line:

- ▶ **Different shapes**
- ▶ **Different types of trolleys/shackles ***
- ▶ **Different types of track (T-track or round track) ***

* Supporting setups from LINCO, STORK and MEYN

It is the responsibility of the customer to make all preparations and work necessary to make room for the SonoSteam equipment and rebuild the production line as preparation for connection to the SonoSteam-equipment.

Support for modules should be dimensioned for:

- ▶ **Weight of Ventilation-system (excl. connections): 200 Kg**
- ▶ **Weight of Steam-control system (excl. connections): 325 Kg**