

Poultry processing solutions
Solutions de traitement des volailles
Soluciones de procesamiento avícola
линии убоя и переработки птицы



AUTOMATIC EVISCERATION 2000 - 6000 BIRDS PER HOUR

Key Benefits

- ✓ Easy to install
- ✓ Easy to operate
- ✓ Easy to clean
- ✓ Easy to maintain
- ✓ Easy to understand
- ✓ Easy to buy

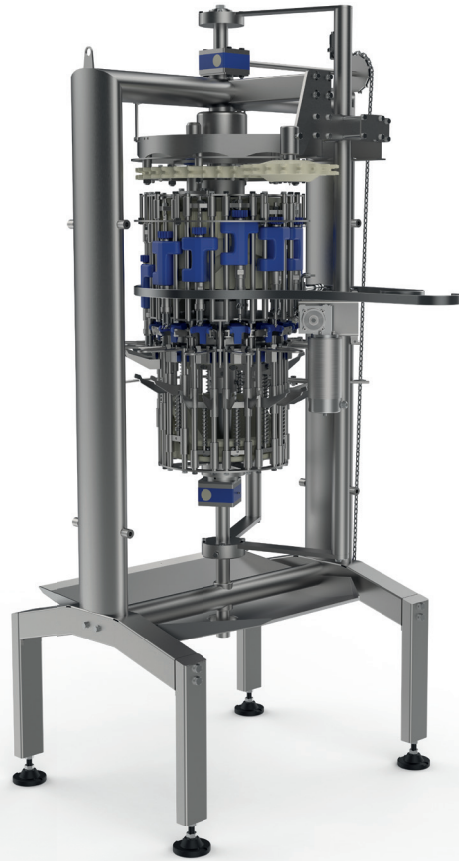
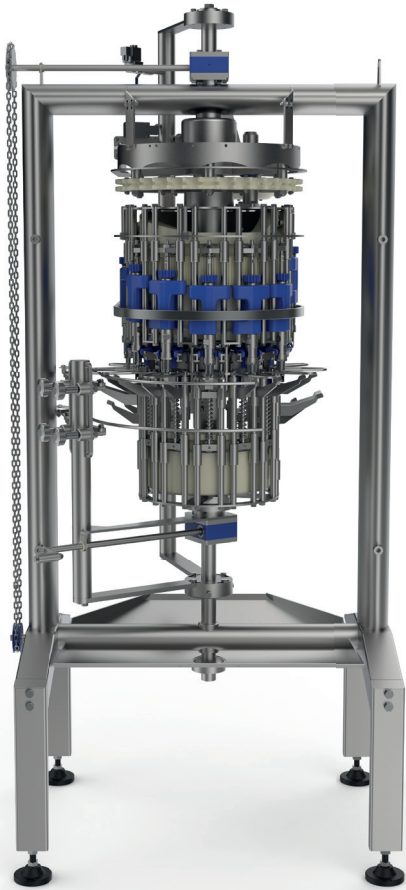
pluck&play solutions.

www.dutch-poultry-tech.com
sales@dutch-poultry-tech.com

Dutch Poultry Tech BV

 The Netherlands

AUTOMATIC VENT CUTTER



KEY BENEFITS

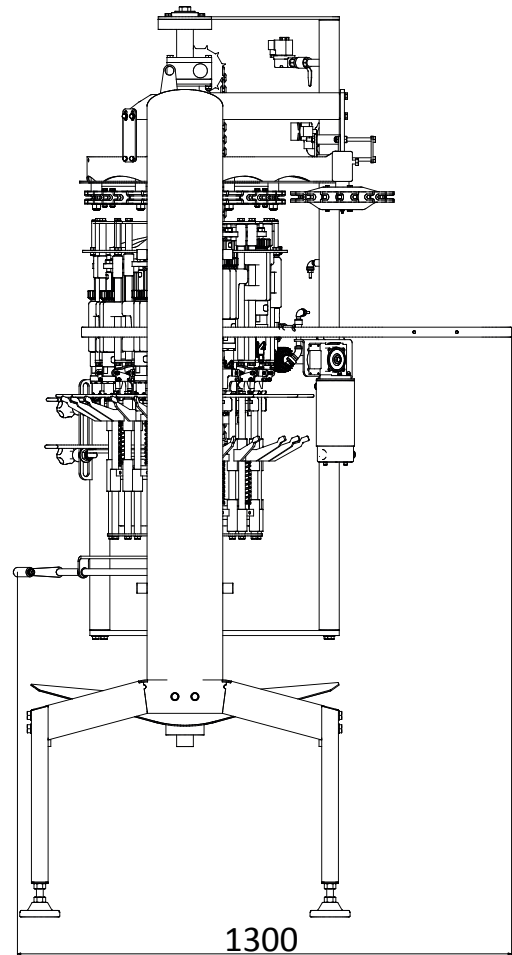
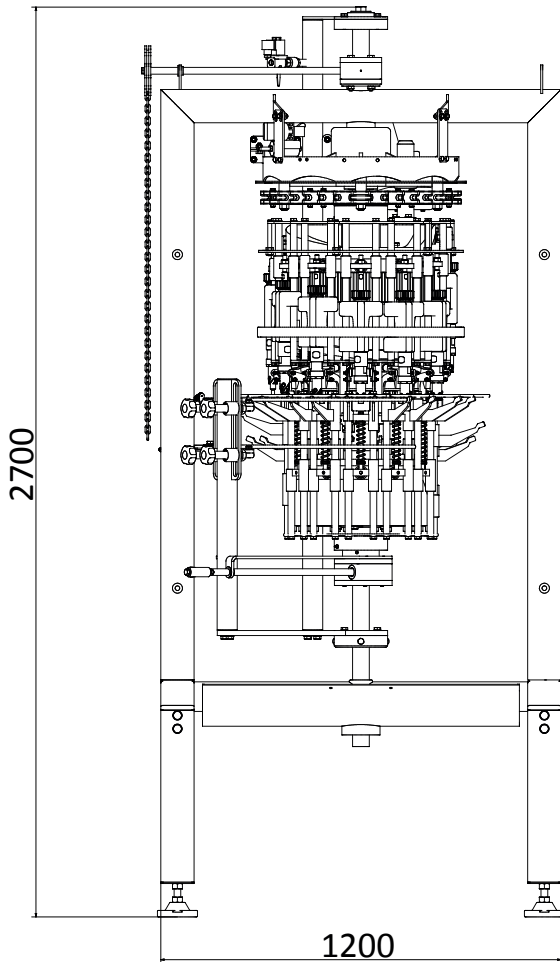
- Driven by an overhead conveyor
- Integrated part of a standalone machine or integrated part in a complete evisceration line
- Specially developed to remove the vent, including Bursa of Fabricius
- Completely automatic process
- No vacuum needed
- Safety sensor which automatically halt
- No damage to intestines and back
- Automatic cleaning of vent cutting units
- Made of stainless steel and other non-corrosive materials
- Supplied with receiving bin and central drain
- Easy height adjustment device



pluck&play solutions.

ARRIVAL | KILLING AND PLUCKING | **EVISCERATION** | CHILLING | WEIGHING | CUT-UP | FILLETING & DEBONING | PACKING

AUTOMATIC VENT CUTTER



TECHNICAL DETAILS

Model		VCM-9 8"	VCM-12 6"
Capacity	bph	2000-4000	3000-6000
Direction		CW/CCW	CW/CCW
Live weight*	g lb	900-3200 2.0-7.0	900-3200 2.0-7.0
Number of units	n	9	12
Shackle pitch	inch	8"	6"
Length	mm inch	1300 51"	1300 51"
Width	mm inch	1200 47"	1200 47"
Height	mm inch	2700 106"	2700 106"
Weight	kg lb	670 1477	700 1543
Water connection	BSP	1/2"	1/2"
Water usage	m3/h gal/h	1 264	1 264
Drain connection	BSP	DN 100	DN 100

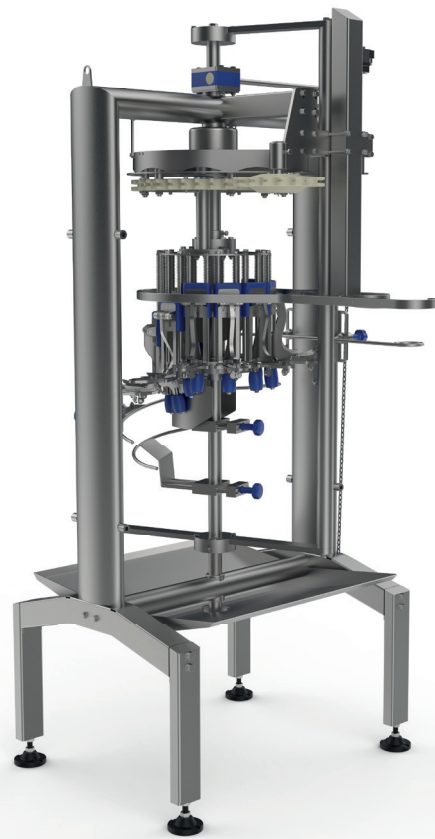
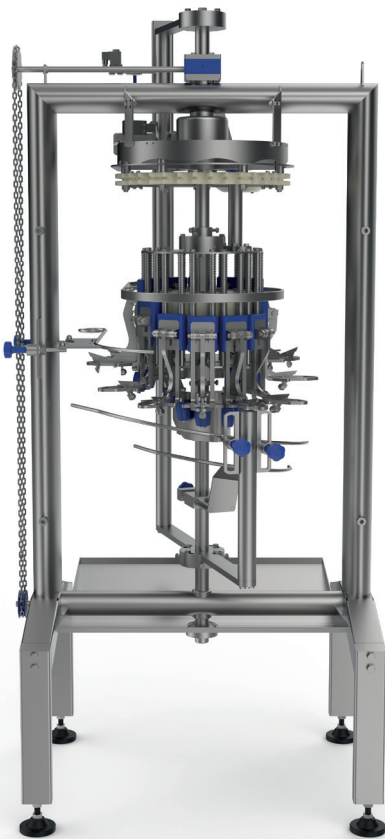
* max weight variance in one flock is +/- 150g (0,33lb) in case of live weight 700-1200 grams (1,54-2,65lb) and +/- 300g (0,66lb) in case of live weight 1200-1700 grams (2,65-3,75lb)



pluck&play solutions.

ARRIVAL | KILLING AND PLUCKING | **EVisCERATION** | CHILLING | WEIGHING | CUT-UP | FILLETING & DEBONING | PACKING

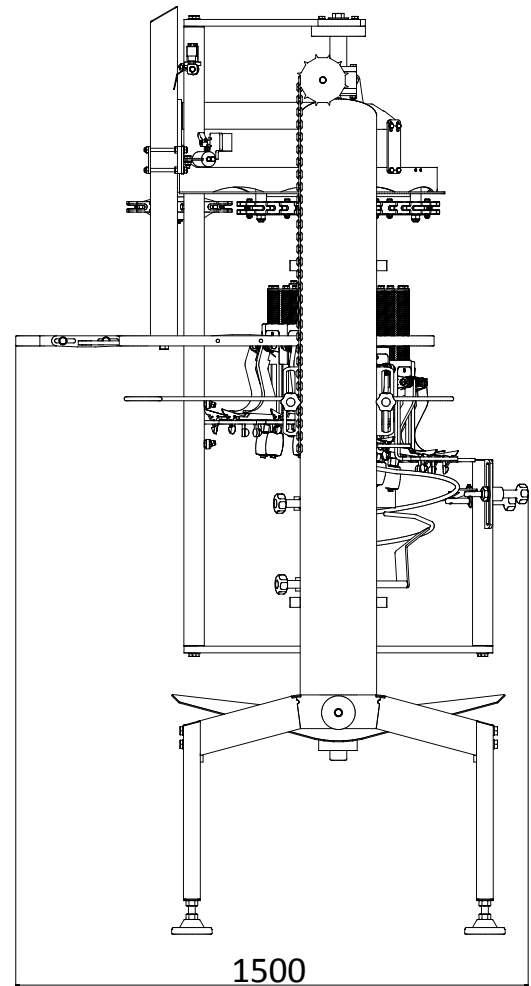
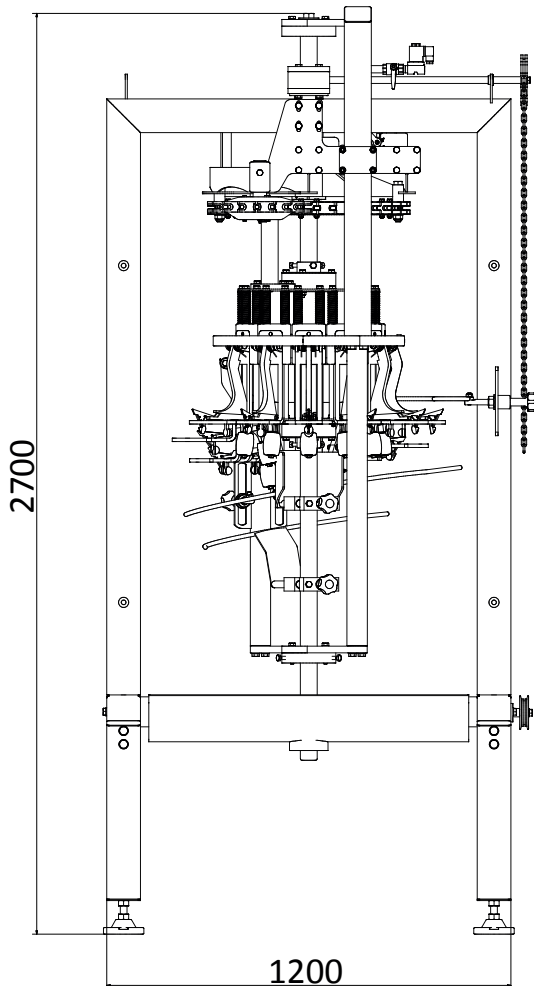
AUTOMATIC OPENER



KEY BENEFITS

- Revolutionary cutting device
- Made of stainless steel and other non-corrosive materials
- Small knives placed in the units ensure a straight cut
- Intestines are pressed downwards during the shearing movement to avoid damage
- No cross contamination
- Supplied with receiving bin and central drain
- Safety sensor which automatically stops the line
- Easily accessible height adjustment device

AUTOMATIC OPENER



TECHNICAL DETAILS

Model		OPM-9 8"	OPM-12 6"
Capacity	bph	2000-4000	3000-6000
Direction		CW/CCW	CW/CCW
Live weight*	g lb	900-3200 2.0-7.0	900-3200 2.0-7.0
Number of units	n	9	12
Shackle pitch	inch	8"	6"
Length	mm inch	1500 59"	1500 5"
Width	mm inch	1200 47"	1200 47"
Height	mm inch	2700 106"	2700 106"
Weight	kg lb	270 595	300 661
Water connection	BSP	1/2"	1/2"
Water usage	m3/h gal/h	0.5 132	0.5 132
Drain connection	BSP	DN 100	DN 100

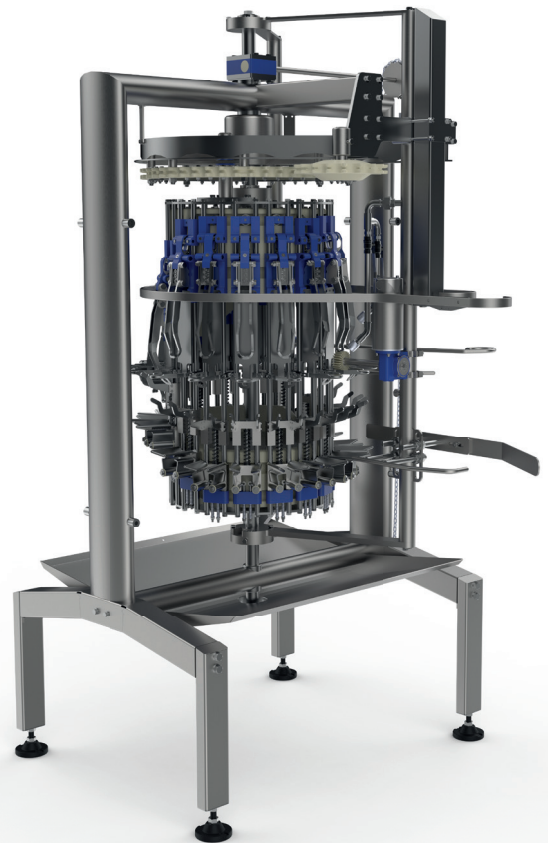
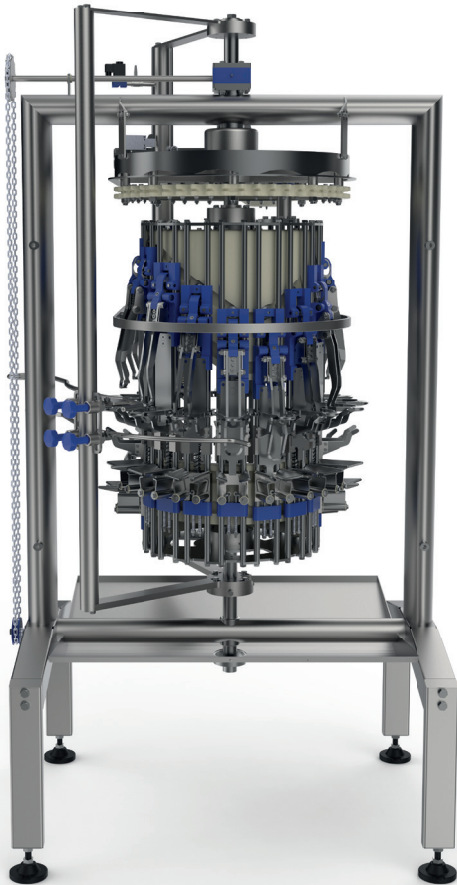
*max weight variance in one flock is +/- 150g (0,33lb) in case of live weight 700-1200 grams (1,54-2,65lb) and +/- 300g (0,66lb) in case of live weight 1200-1700 grams (2,65-3,75lb)



pluck&play solutions.

ARRIVAL | KILLING AND PLUCKING | **EVisCERATION** | CHILLING | WEIGHING | CUT-UP | FILLETING & DEBONING | PACKING

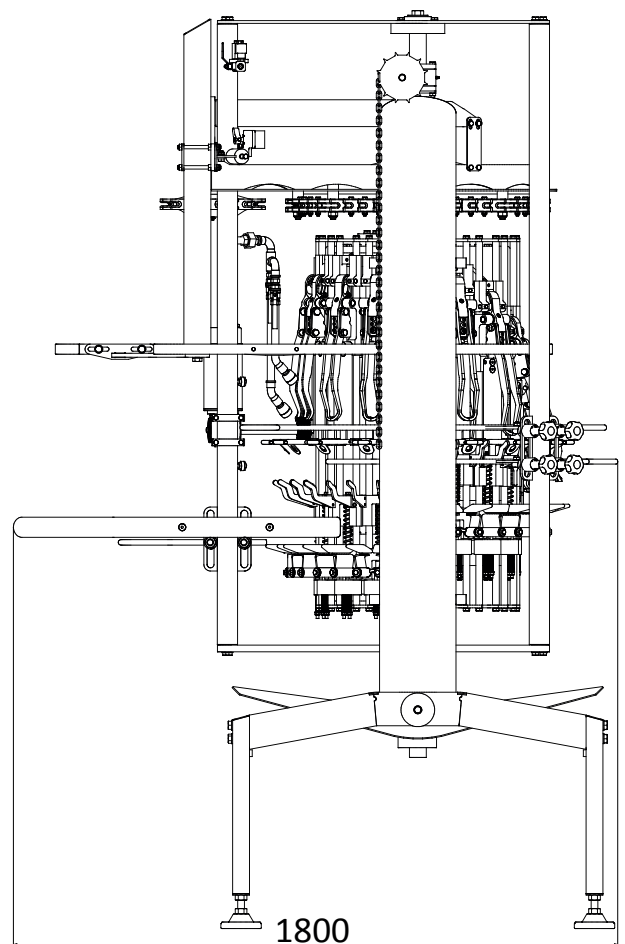
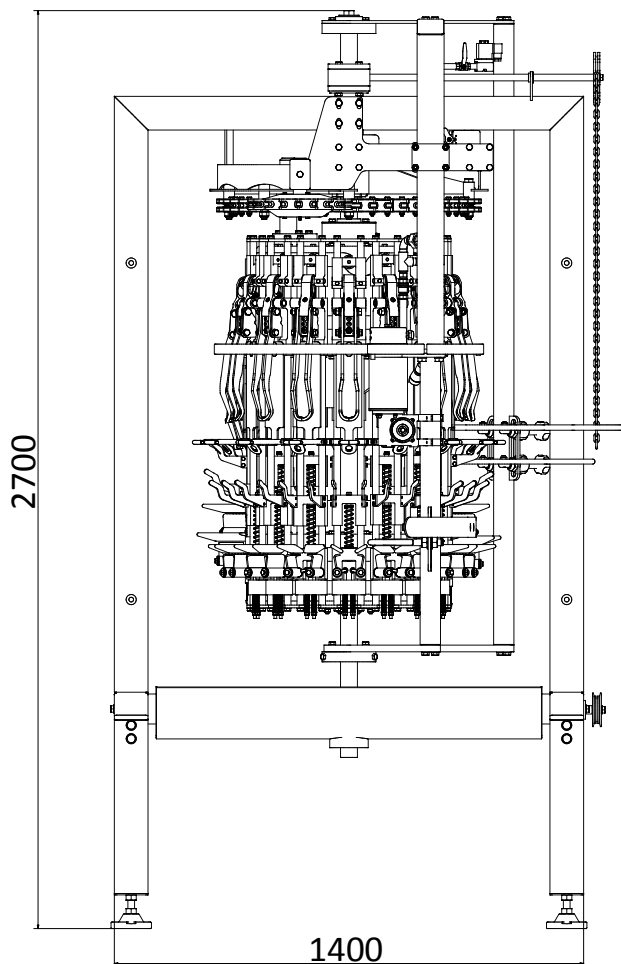
AUTOMATIC EVISCERATOR



KEY BENEFITS

- Driven by the overhead conveyor
- Uses improved evisceration units
- The bird remains in the correct position during evisceration by using a centering bracket
- Dual function of the wing clamp: lift the thighs and hold the bird firmly
- The spoon places over the back
- Made of stainless steel and other noncorrosive materials
- Supplied with receiving bin with central drain
- Safety sensor which automatically stops the line
- Easy height adjustment device

AUTOMATIC EVISCERATOR

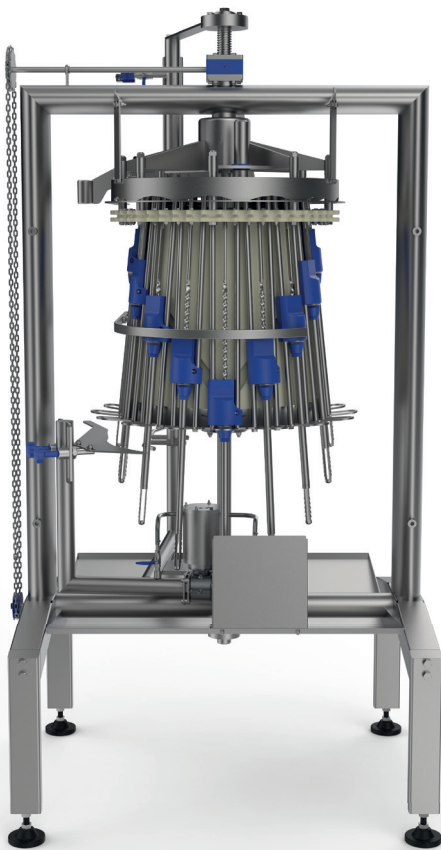


TECHNICAL DETAILS



Model		EVM-12 8"	EVM -16 6"
Capacity	bph	2000-4000	3000-6000
Direction		CW/CCW	CW/CCW
Live weight*	g lb	900-3200 2.0-7.0	900-3200 2.0-7.0
Number of units	n	12	16
Shackle pitch	inch	8"	6"
Length	mm inch	1800 71"	1800 71"
Width	mm inch	1400 55"	1400 55"
Height	mm inch	2700 106"	2700 106"
Weight	kg lb	810 1786	850 1874
Water connection	BSP	1/2"	1/2"
Water usage	m3/h gal/h	0.5 132	0,5 132
Drain connection	BSP	DN 100	DN 100

*max weight variance in one flock is +/- 150g (0,33lb) in case of live weight 700-1200 grams (1,54-2,65lb) and +/- 300g (0,66lb) in case of live weight 1200-1700 grams (2,65-3,75lb)

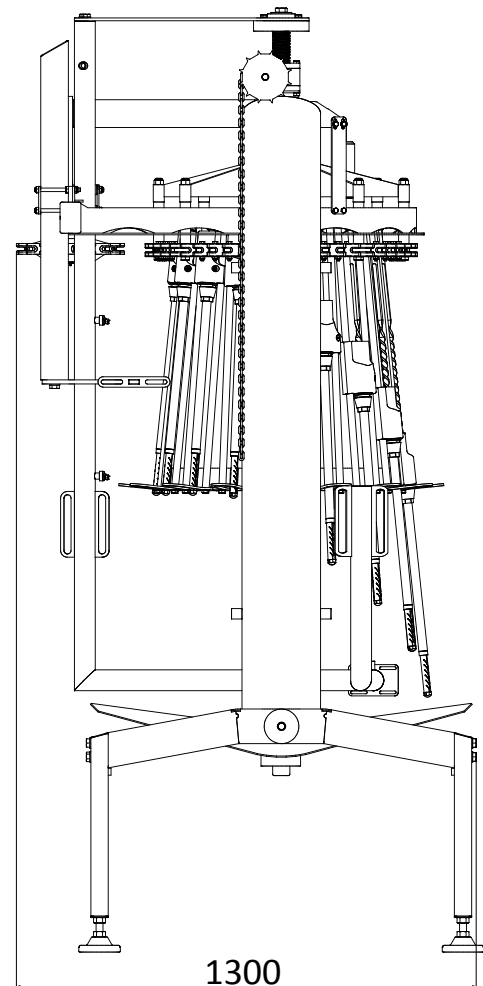
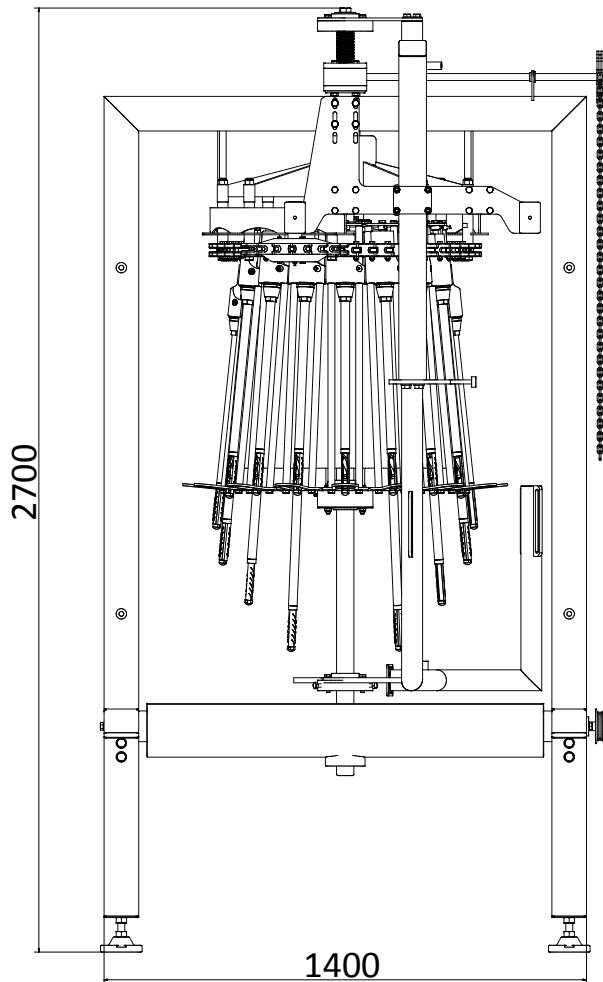
AUTOMATIC CROPPER



KEY BENEFITS

- Driven by an overhead conveyor
- Remaining windpipes and crops are removed
- Stainless steel drilling units moving in  and out 
- Drill driving mechanism with reduced mechanical wear and extended drill life cycle
- Made of stainless steel and other non-corrosive materials
- Supplied with receiving bin with central drain
- Easily accessible height adjustment device
- High quality design

AUTOMATIC CROPPER

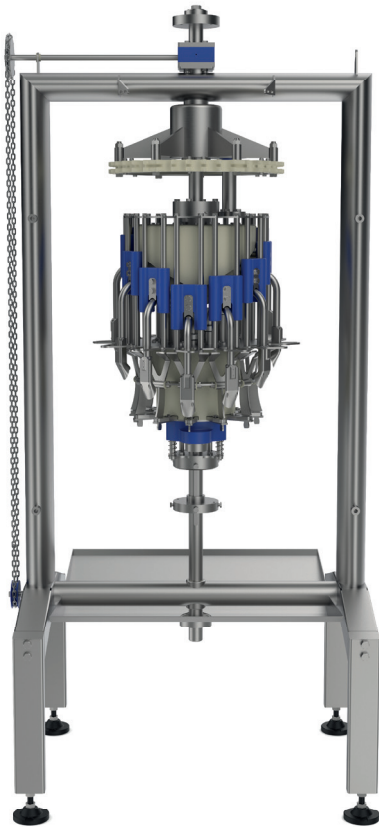


TECHNICAL DETAILS

Model		CPM-12 8"	CPM-16 6"
Capacity	bph	2000-4000	3000-6000
Direction		CW/CCW	CW/CCW
Live weight*	g lb	900-3200 2.0-7.0	900-3200 2.0-7.0
Number of units	n	12	16
Shackle pitch	inch	8"	6"
Length	mm inch	1300 51"	1300 51"
Width	mm inch	1400 55"	1400 55"
Height	mm inch	2700 106"	2700 106"
Weight	kg lb	660 1455	700 1543
Water connection	BSP	1/2"	1/2"
Water usage	m3/h gal/h	0.5 132	0.5 132
Drain connection	BSP	DN 100	DN 100

*max weight variance in one flock is +/- 150g (0,33lb) in case of live weight 700-1200 grams (1,54-2,65lb) and +/- 300g (0,66lb) in case of live weight 1200-1700 grams (2,65-3,75lb)

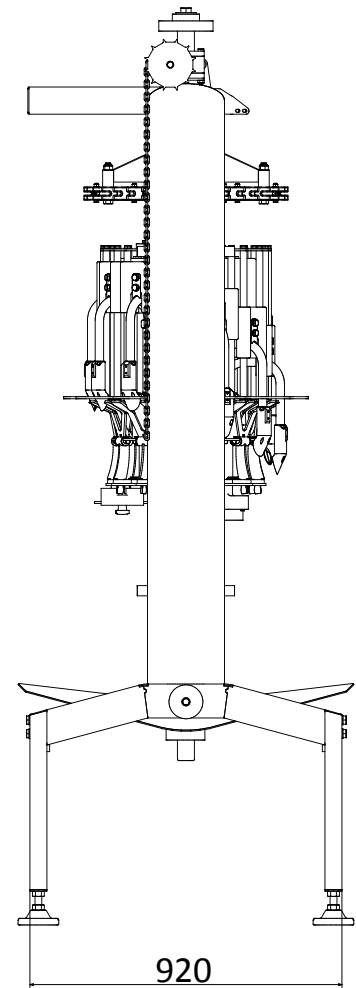
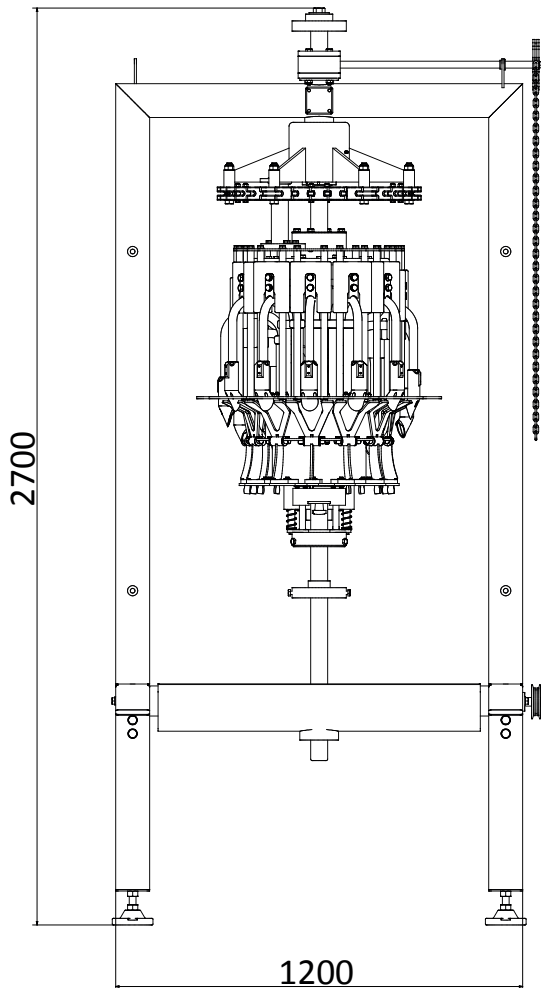
AUTOMATIC FINAL INSPECTION MACHINE



KEY BENEFITS

- Driven by an overhead conveyor
- Quick removal of remaining impurities in the carcass by vacuum
- Machine is easy to maintain
- Reduced noise level due to special air valve
- Quick and easy cleaning
- Improving shelf life: machine to be placed after the inside outside washer
- Made of stainless steel and other non-corrosive materials
- Supplied with receiving bin with central drain
- High quality design
- Easy height adjustment device

AUTOMATIC FINAL INSPECTION MACHINE



TECHNICAL DETAILS

Model		FIM-9 8"	FIM-12 6"
Capacity	bph	2000-4000	3000-6000
Direction		CW/CCW	CW/CCW
Live weight*	g lb	900-3200 2.0-7.0	900-3200 2.0-7.0
Number of units	n	9	12
Shackle pitch	inch	8"	6"
Length	mm inch	900 36"	900 36"
Width	mm inch	1200 47"	1200 47"
Height	mm inch	2700 106"	2700 106"
Weight	kg lb	450 992	480 1058

*max weight variance in one flock is +/- 150g (0,33lb) in case of live weight 700-1200 grams (1,54-2,65lb) and +/- 300g (0,66lb) in case of live weight 1200-1700 grams (2,65-3,75lb)



pluck&play solutions.

ARRIVAL | KILLING AND PLUCKING | **EVisCERATION** | CHILLING | WEIGHING | CUT-UP | FILLETING & DEBONING | PACKING

AUTOMATIC INSIDE / OUTSIDE BIRD WASHER



KEY BENEFITS

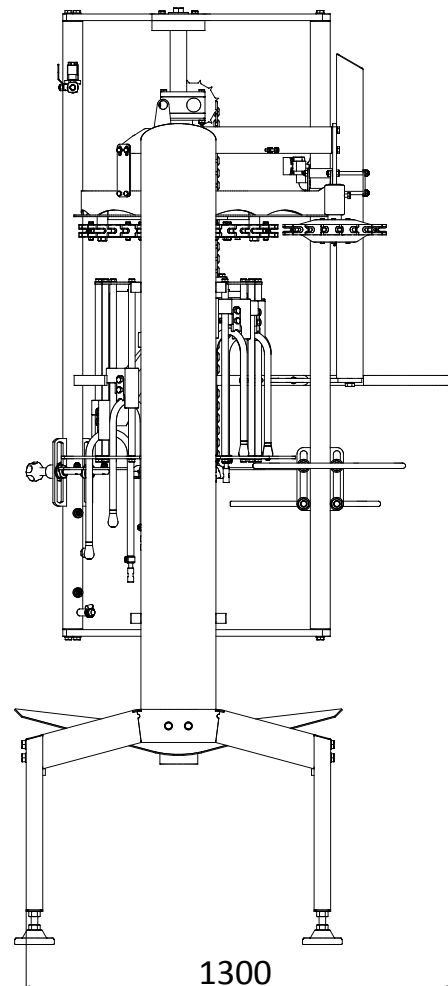
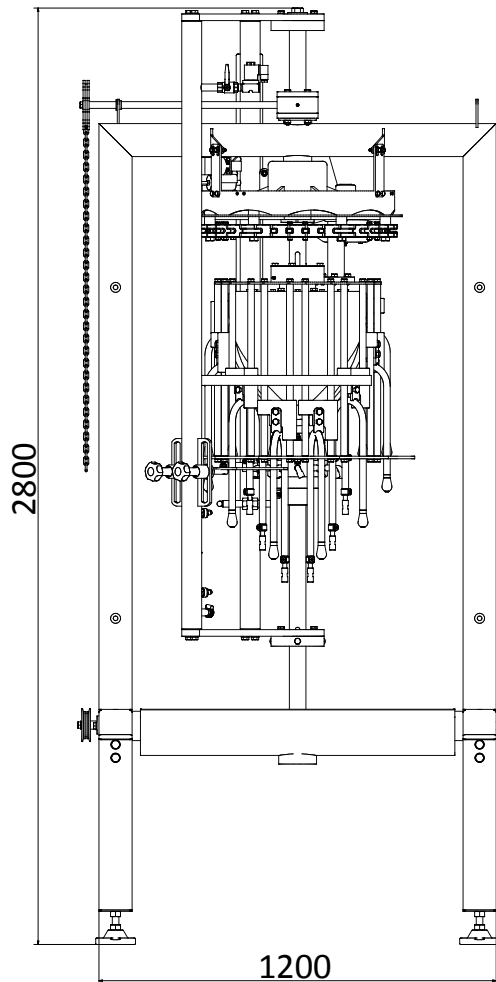
- Driven by an overhead conveyor
- Thoroughly spray washing the birds both inside and outside
- Wash units are equipped with spray pipes with a high-pressure nozzle
- Made of stainless steel and other non-corrosive materials
- Supplied with receiving bin with central drain
- Easily accessible height adjustment device
- High quality design
- Water consumption 2-5 m³/h, 528-1320 gal/h



pluck&play solutions.

ARRIVAL | KILLING AND PLUCKING | EVISCERATION | CHILLING | WEIGHING | CUT-UP | FILLETING & DEBONING | PACKING

AUTOMATIC INSIDE / OUTSIDE BIRD WASHER

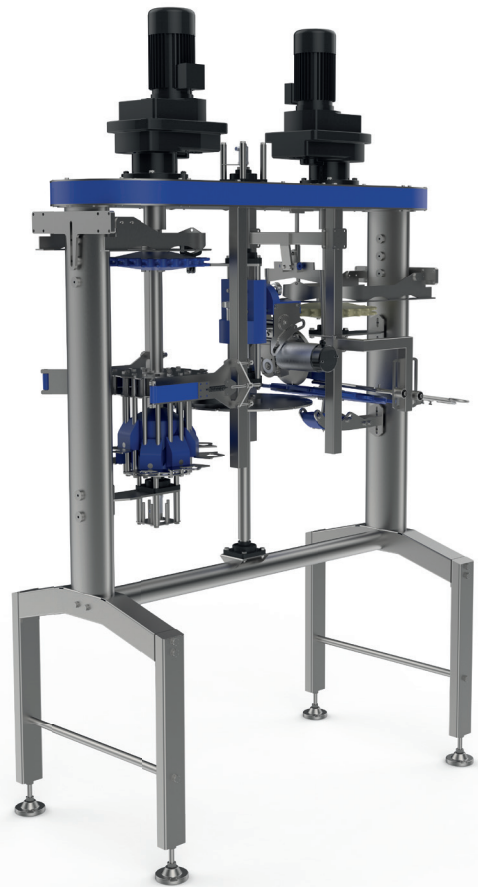


TECHNICAL DETAILS

Model		IOW-9 8"	IOW-12 6"
Capacity	bph	2000-4000	3000-6000
Direction		CW/CCW	CW/CCW
Live weight*	g lb	900-3200 2.0-7.0	900-3200 2.0-7.0
Number of units	n	9	12
Shackle pitch	inch	8"	6"
Length	mm inch	1300 51"	1300 51"
Width	mm inch	1200 47"	1200 47"
Height	mm inch	2800 110"	2800 110"
Weight	kg lb	490 1080	520 1146
Water connection	BSP	3/4"	3/4"
Water usage	m3/h gal/h	2-5 528-1320	2-5 528-1320
Drain connection	BSP	DN 100	DN 100

* max weight variance in one flock is +/- 150g (0,33lb) in case of live weight 700-1200 grams (1,54-2,65lb) and +/- 300g (0,66lb) in case of live weight 1200-1700 grams (2,65-3,75lb)

AUTOMATIC REHANGER



KEY BENEFITS

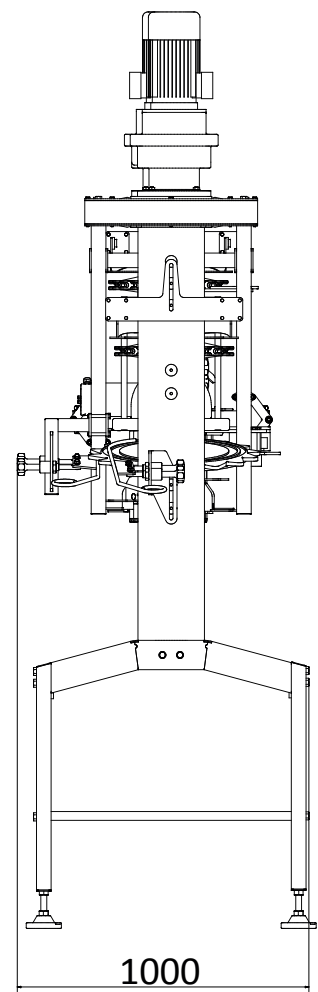
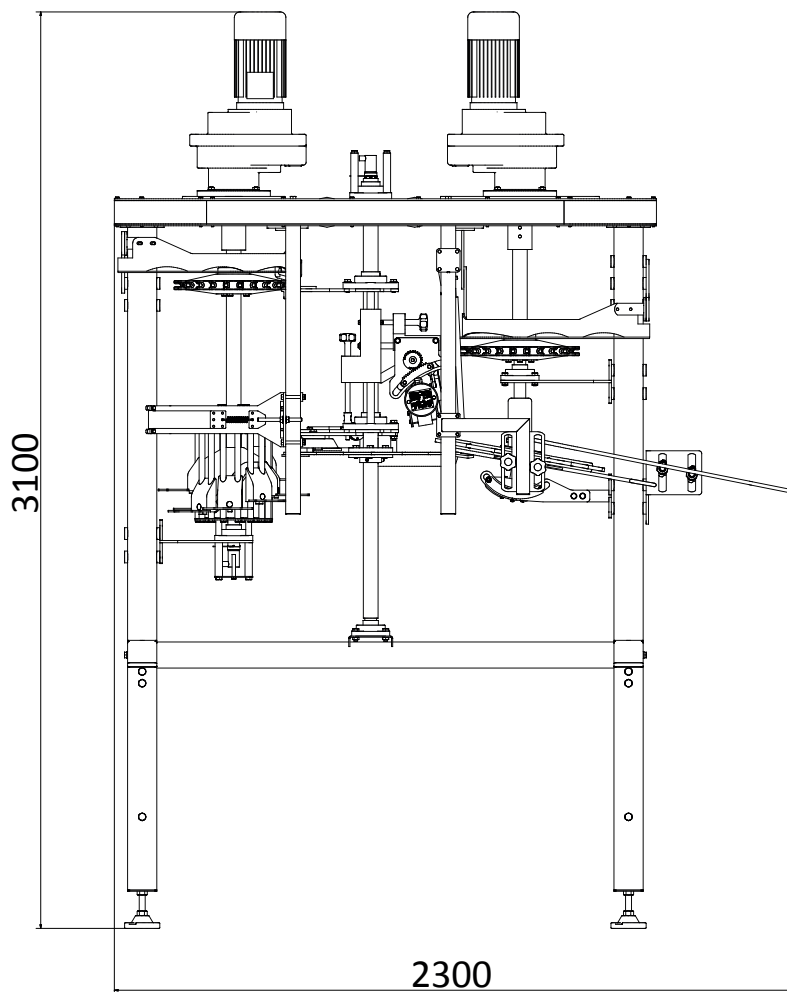
- Compact rehangging machine to rehang birds from the killing to evisceration line
- Automatic rehangging reduces the number of required line personnel as well as the risk at cross-contamination
- Shackle pitch for in-feed and out-feed lines according to production requirements
- Left or right turning variants possible
- Rehanger can be fitted between most existing kill and evisceration lines
- Made of stainless steel and other non-corrosive materials



pluck&play solutions.

ARRIVAL | KILLING AND PLUCKING | **EVISCERATION** | CHILLING | WEIGHING | CUT-UP | FILLETING & DEBONING | PACKING

AUTOMATIC REHANGER



TECHNICAL DETAILS

Model		REH 6"
Capacity	bhp	3000-6000
Direction		CW/CCW
Live weight*	g lb	900-3200 2.0-7.0
Shackle pitch	inch	6"
Length	mm inch	1000 39"
Width	mm inch	2300 90"
Height	mm inch	3100 122"
Weight	kg lb	630 1389

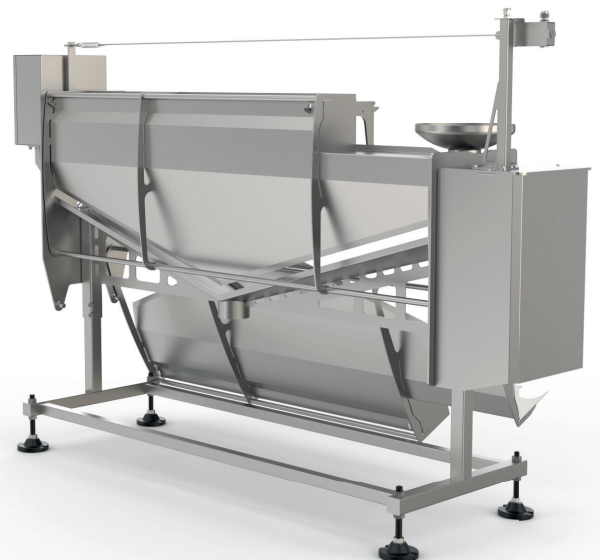
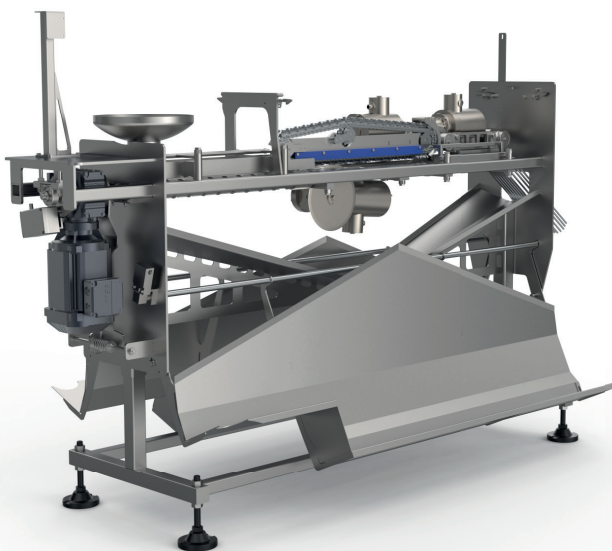
*max weight variance in one flock is +/- 150g (0,33lb) in case of live weight 700-1200 grams (1,54-2,65lb) and +/- 300g (0,66lb) in case of live weight 1200-1700 grams (2,65-3,75lb)



pluck&play solutions.

ARRIVAL | KILLING AND PLUCKING | **EVisCERATION** | CHILLING | WEIGHING | CUT-UP | FILLETING & DEBONING | PACKING

AUTOMATIC GIZZARD HARVESTER



KEY BENEFITS

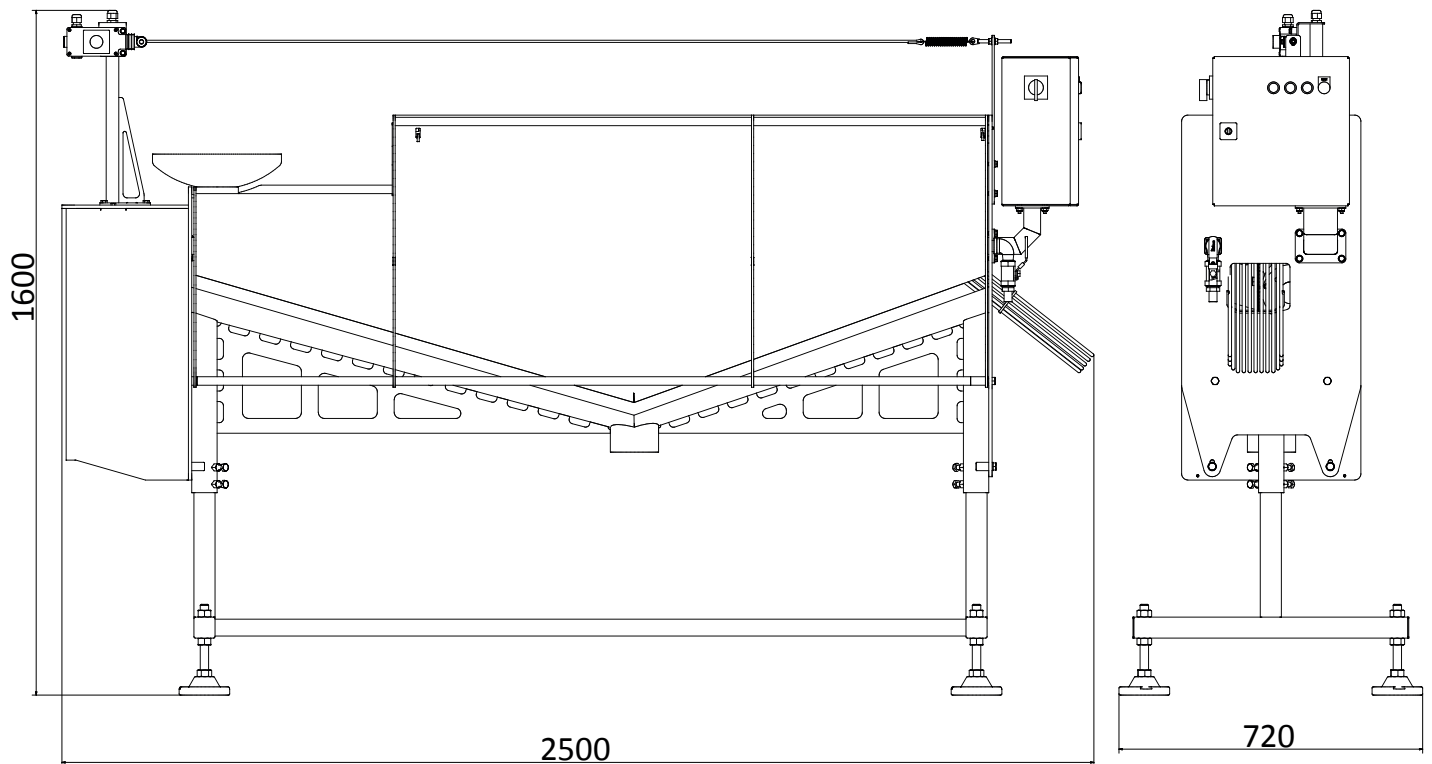
- Revolutionary design
- Transport/pinch-off rolls to separate the gizzards from the intestines
- Circular 'DIAMOND' gizzard opening blade, with extra-long life
- Each unit driven by an electric motor
- 1 Dertec stainless steel motor, driving combined in-feed roller – pinch-off rolls, peeler-rolls
- 1 Dertec stainless steel motor for the 'Diamond' gizzard opening Blade
- 1 Dertec stainless steel motor to drive the gizzard tamper set-up for increased peeling result
- 1 Dertec stainless steel motor to drive the gizzard transport chain
- Water spray pipe to clean the transport rolls and flush out the content of the gizzard
- Offal discharge trough
- Peelers to remove the yellow gizzard lining
- Automatic auto-reverse mechanism which is activated when the machine is submitted to heavy resistance to motion; so jamming will be avoided and working with the machine is more safe
- Made of stainless steel and other non-corrosive materials
- Safety switch for operators



pluck&play solutions.

ARRIVAL | KILLING AND PLUCKING | **EVISCERATION** | CHILLING | WEIGHING | CUT-UP | FILLETING & DEBONING | PACKING

AUTOMATIC GIZZARD HARVESTER



TECHNICAL DETAILS

Model		GOP-6000
Capacity	gph	up to 6000
Length	mm inch	720 28"
Width	mm inch	2500 98"
Height	mm inch	1600 63"
Weight	kg lb	350 772
Water usage	m3/h gal/h	1.5 396
Drain connection	BSP	DN 100
Water pressure	bar	min 4
Installed power	kW	4x 0,75



pluck&play solutions.

ARRIVAL | KILLING AND PLUCKING | **EVISCERATION** | CHILLING | WEIGHING | CUT-UP | FILLETING & DEBONING | PACKING

GIZZARD INSPECTION TABLE



KEY BENEFITS

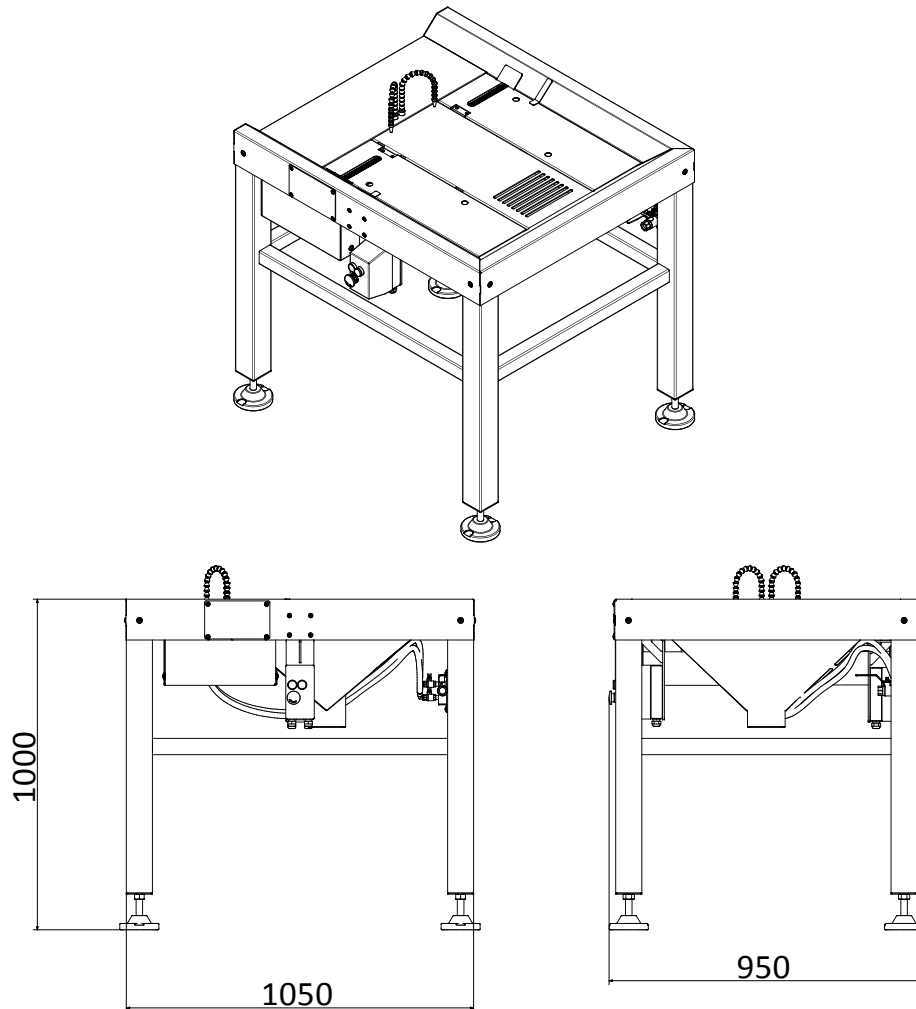
- Stainless steel frame and work top with two sets of gizzard peeling rollers
- Separate discharge for peeled gizzards and offals
- Peeling capacity: up to 1500 gizzards per hour



pluck&play solutions.

ARRIVAL | KILLING AND PLUCKING | **EVISCERATION** | CHILLING | WEIGHING | CUT-UP | FILLETING & DEBONING | PACKING

GIZZARD INSPECTION TABLE



TECHNICAL DETAILS

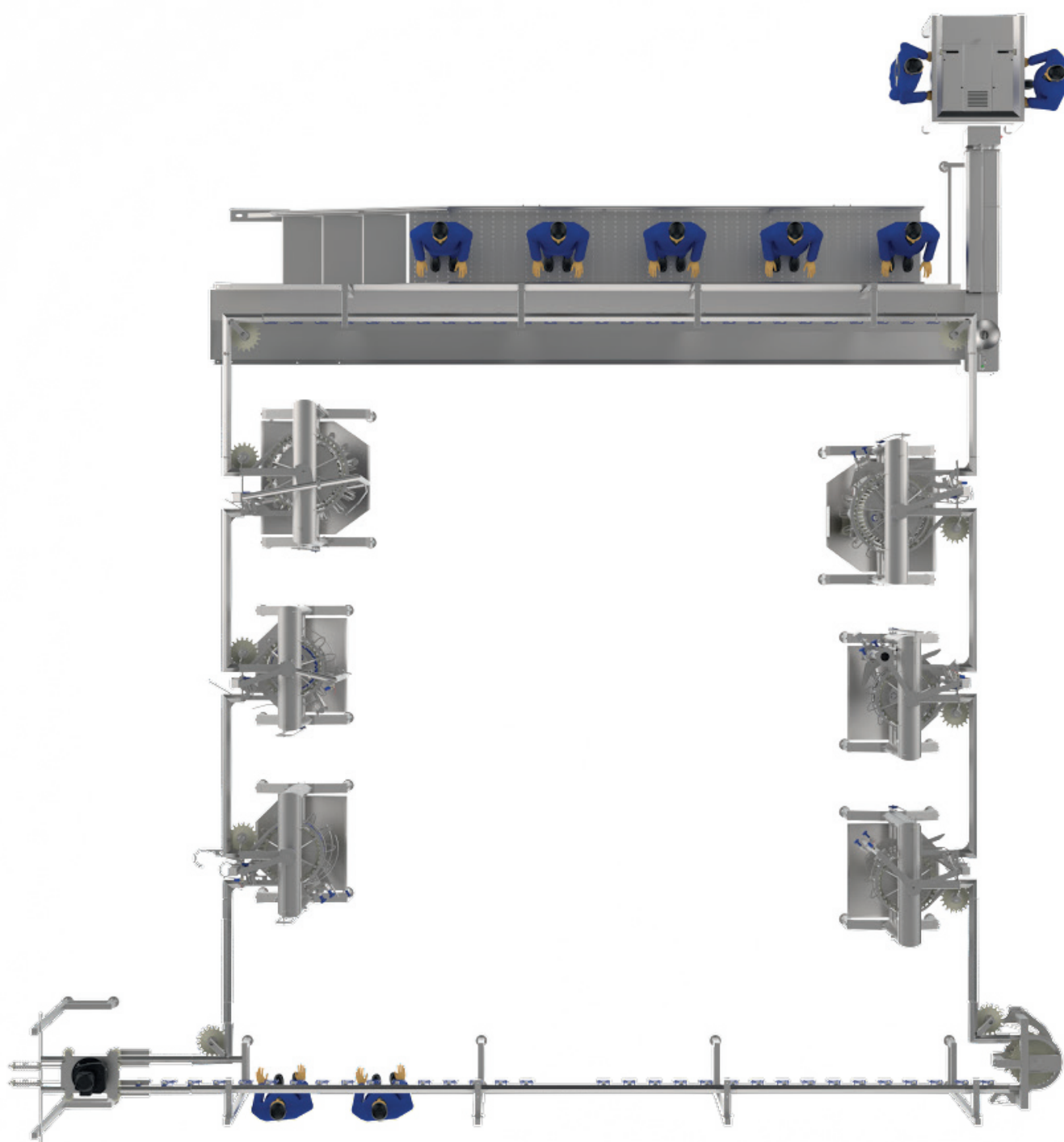
Model	GIM	
Capacity	1-2 persons	
Length	mm inch	950 37"
Width	mm inch	1050 41"
Height	mm inch	1000 39"
Weight	kg lb	150 331
Water usage	m3/h gal/h	0.6 158
Drain connection	BSP	DN 100
Installed power	kW	0.74 (2 x 0.37)



pluck&play solutions.

ARRIVAL | KILLING AND PLUCKING | **EVISCERATION** | CHILLING | WEIGHING | CUT-UP | FILLETING & DEBONING | PACKING

1500-6000 PLUCK&PLAY BPH EVISCERATION LINE

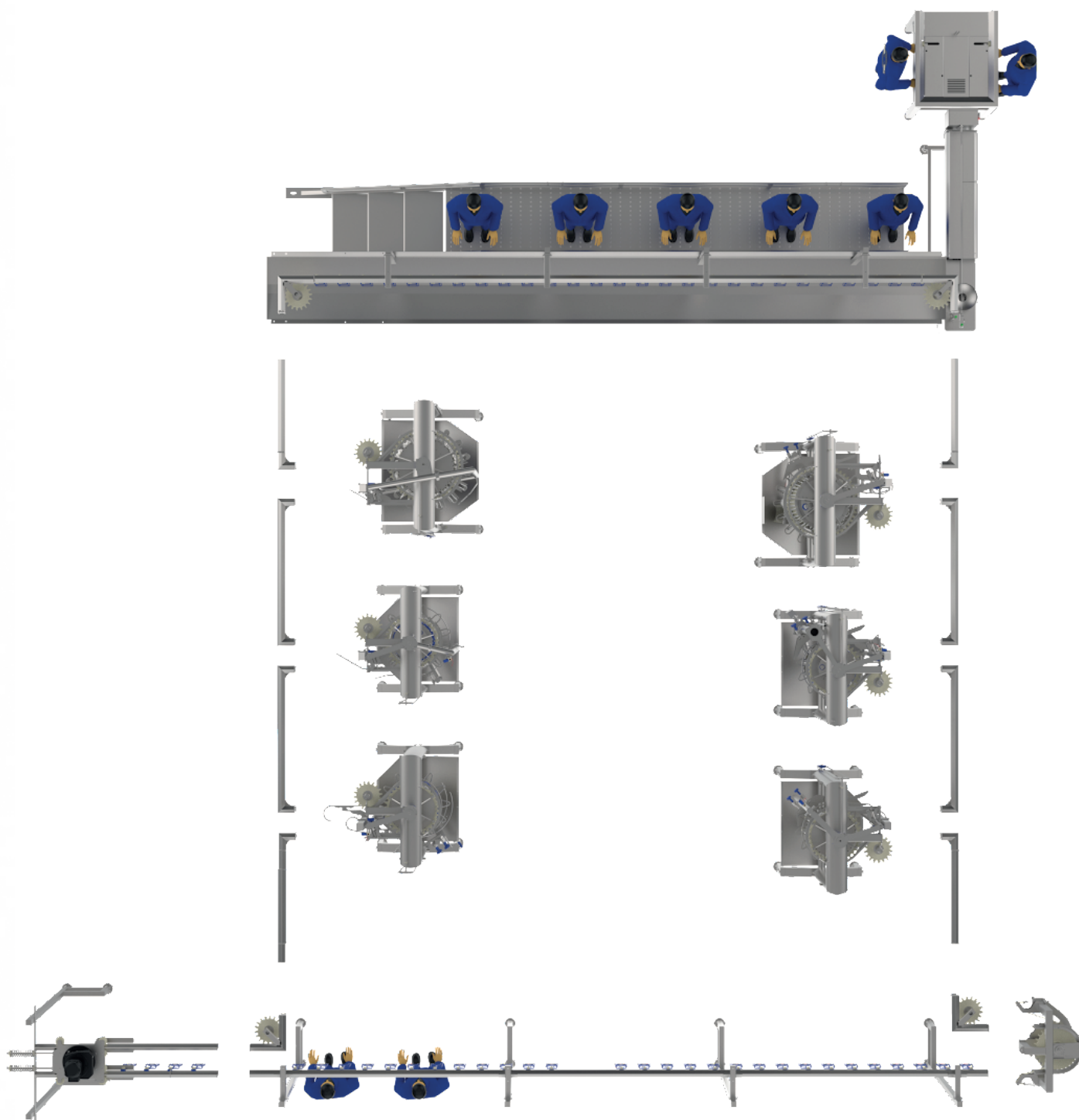




pluck&play solutions.

ARRIVAL | KILLING AND PLUCKING | **EVisCERATION** | CHILLING | WEIGHING | CUT-UP | FILLETING & DEBONING | PACKING

1500-6000 PLUCK&PLAY MODULAR SYSTEM

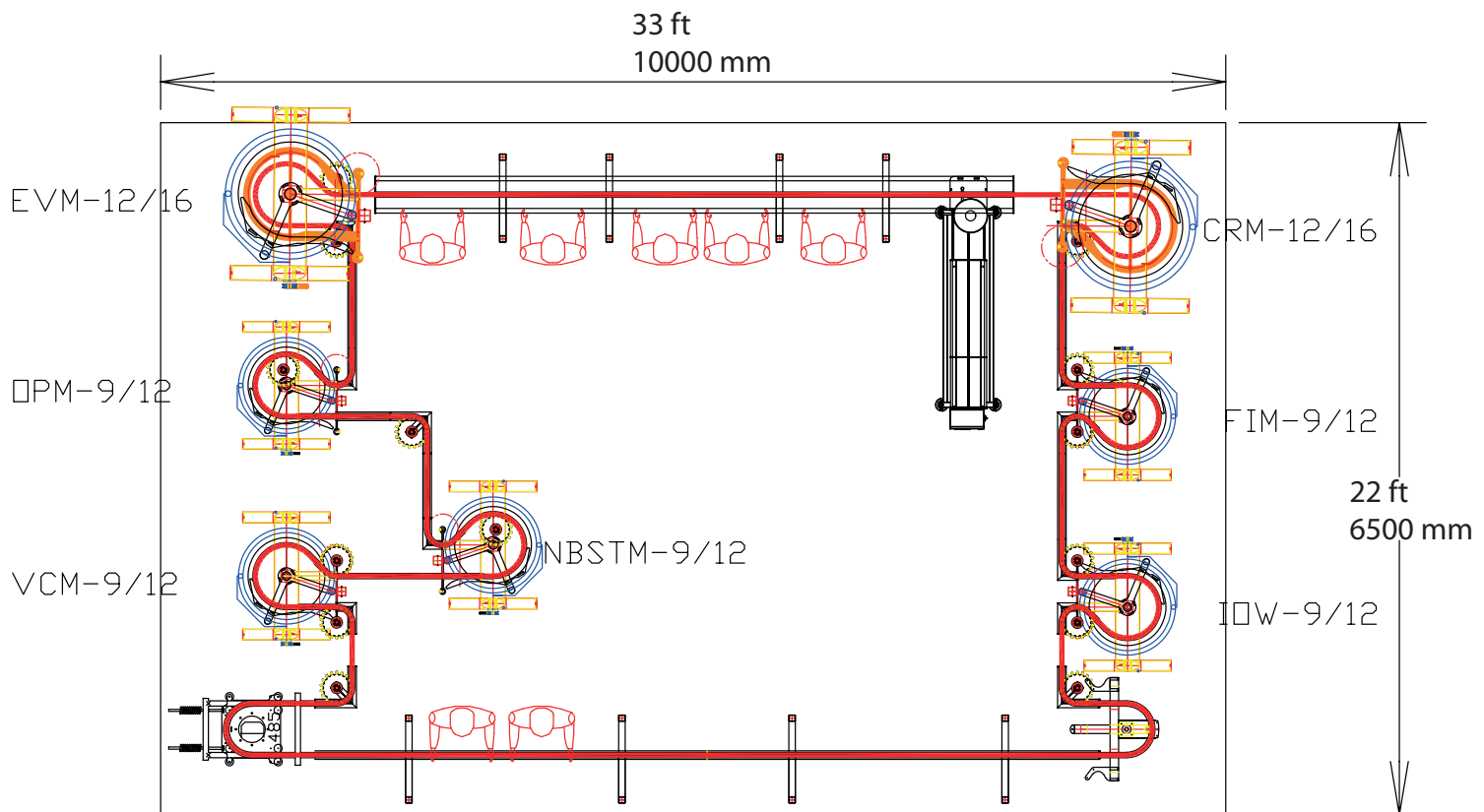




pluck&play solutions.

ARRIVAL | KILLING AND PLUCKING | **EVISCERATION** | CHILLING | WEIGHING | CUT-UP | FILLETING & DEBONING | PACKING

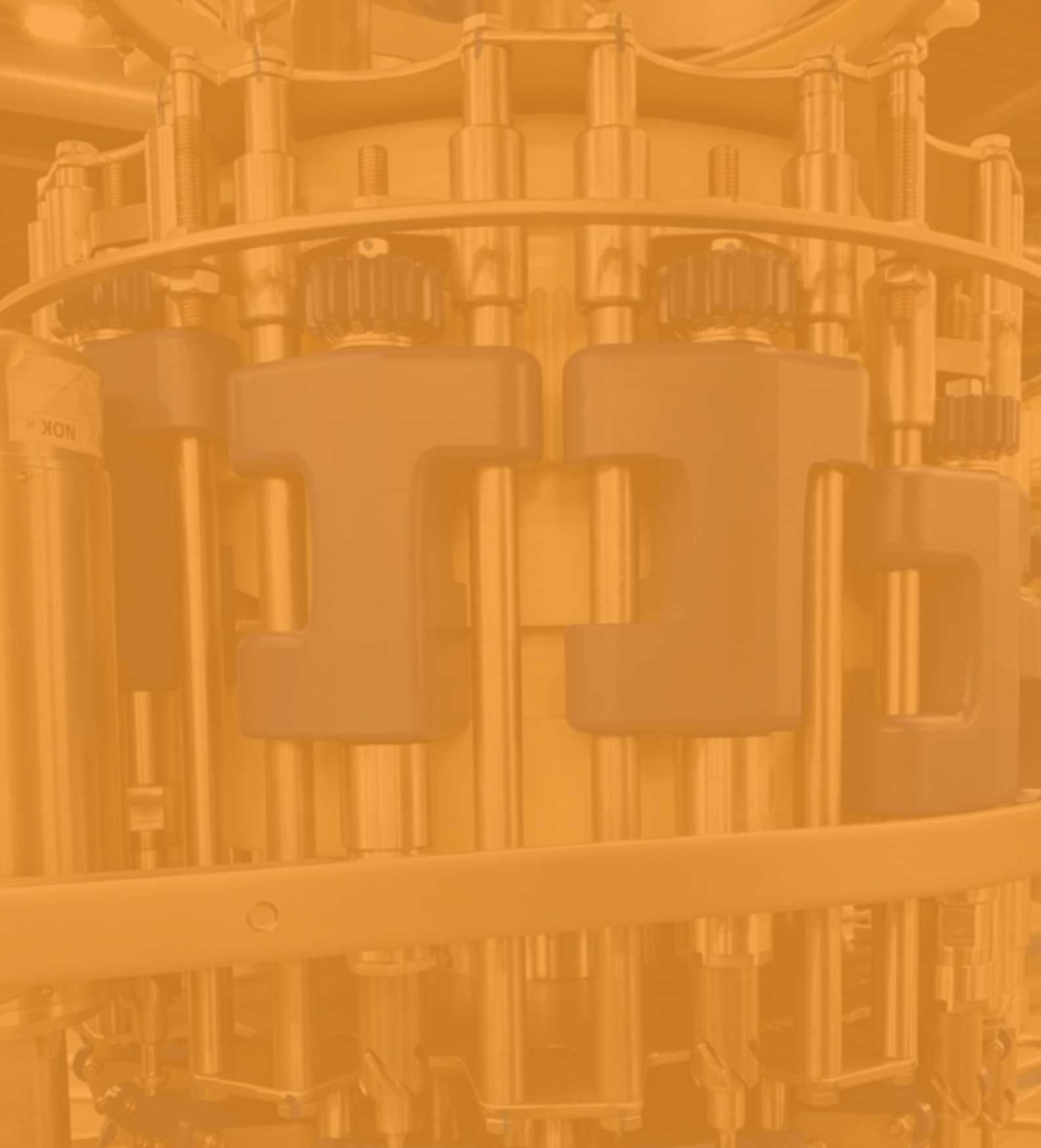
EVISCERATION LAYOUT



These layouts are intended to outline our general product direction and setup.
It is intended for information purpose only. No right can be derived from this publication.
Dutch Poultry Tech BV reserves the right to adjust or modify its products without changing or updating any related.



NOTES



DUTCH POULTRY TECH B.V.
Hillegom, The Netherlands
www.dutch-poultry-tech.com

This information corresponds to the most recent available information at the time of publication.
The construction and execution of the product are subject to future modification, without notice.
No rights can be derived from this publication.

Version 23-01-2024