CATTARUZZI
Poultry processing solution

WASTE TREATMENT

FEATHER AND OFFAL SEPARATOR

DESCRIPTION

This machine separates the water from the solid products that are pumped here from the slaughtering plant. Thank to an inside screw, the solid is discharged at the exit of the rotating drum while the water is collected into a receiving hopper belaw the perforated drum. The frame and the drum are made of stainless steel.

TECHNICAL DATA

Model	**15**	**20**	
Capacity	100	150	m^3
Lenght	1.250	1.250	mm
Width	2.500	3.000	mm
Height	1.700	1.700	mm
Water cons. at 3 bar	0,7	0,9	m^3/h
Power installed	1,1	1,5	kw
Total weight	320	340	kg
Shipping volume	5,3	6,3	M^3

Tel +39 030 3531875
cattaruzzi@cattaruzzi.com

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WASTE TREATMENT

SCREW FILTER SEPARATOR

DESCRIPTION

This machine is used to separate from the water and lift into the container the feather and offal coming from the processing plant. At the bottom of the first section of the screw a Jonson filter with 0,5mm clearance separates from the water the feather and the offal. The screw keeps the filter clean thanks to brushes bolted on it. The machine is made of stainless steel.

TECHNICAL DATA

Model	**RSU 500**	**RSU 700**	
Capacity	140	360	m^3
Lenght	6.300	7.700	mm
Width	700	1.100	mm
Height	1650	900	mm
Water cons. at 3 bar	0,1	0,2	m^3/h
Power installed	3	4	kw
Total weight	800	1.200	kg
Shipping volume	4	7,6	M^3

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RECYCLING PUMP

DESCRIPTION

This pump is used to recycle the water coming from the feather separator and so it can be used again to carry all the waste and feathers out of the defeathering area.

TECHNICAL DATA

Capacity	**2.400 l/min**	
Lenght	300	mm
Width	800	mm
Height	640	mm
Power installed	1,3	kw
Total weight	65	kg
Shipping volume	0,2	M^3

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OFFAL TANK

DESCRIPTION

This tank is used to collect every kind of waste sucked by vacuum (blood, lungs, viscera). It is complete with legs and discharging valve. The tank is made of hot dip galvanized steel.

TECHNICAL DATA

Capacity	**800**	**1.500**	**2.200**	**l**
Diameter	800	1.000	1.200	Ø
Height	1.800	2.320	2.320	mm
Total weight	230	400	460	kg
Shipping volume	3	5	7	M^3

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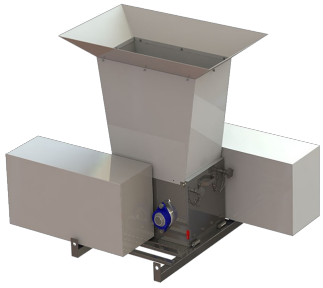
WASTE TREATMENT

CRUSHER



DESCRIPTION

It is used to crush the feet and the carcasses of chickens or turkeys to be evacuated by vacuum. This low-speed crusher is made of stainless steel, with two low-speed counter revolving shafts and counter-wise hooks. It is driven by motor-gearbox.

TECHNICAL DATA

Lenght	**1.100**	**mm**
Width	1.000	mm
Height	1.700	mm
Power installed	8 (2 motors)	kw
Total weight	330	kg
Shipping volume	0,8	M^3

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WASTE TREATMENT

HOPPER

DESCRIPTION

This equipment is used for receive and send by vacuum at regular intervals the offal from the various processing (head, legs, viscera, etc.). Upon the hopper there is a guillotine valve operated from a pneumatic cylinder tire that is opened at regular time. The cycle is setting and regulating up on a special electronic panel. The hopper is made in stainless steel.

TECHNICAL DATA

Lenght	**900**	**mm**
Width	900	mm
Height	550	mm
Air consumption 6bar	0,36	m^3/h
Total weight	30	kg
Shipping volume	0,4	M^3

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WASTE TREATMENT

RECEIVING CYCLONE

DESCRIPTION

This cyclone is used to receive and discharge at regular times the offal coming from the various hoppers. The operating is regulated from an electrical control panel. The cyclone is made of stainless steel.

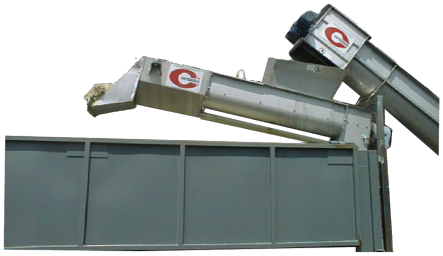
TECHNICAL DATA

Capacity	**120**	**l**
Lenght	480	mm
Width	480	mm
Height	1.250	mm
Total weight	55	kg
Shipping volume	0,5	M^3

CATTARUZZI
Poultry processing solution

WASTE TREATMENT

FEATHER PRESS



DESCRIPTION

This machine is used to reduce the content of the water into the feather after the feather separator.The compactor has inside a shaft-less screw and is equipped with a loading section with inlet hopper, and a draining zone with johnson filter 0.5 mm where most part of the water is removed and a second zone equipped with a compacting and unloading unit.

TECHNICAL DATA

Model	**400 RPS**	
Capacity	4	m^3/h
Lenght	3.010	mm
Width	431	mm
Power installed	5,5	kw

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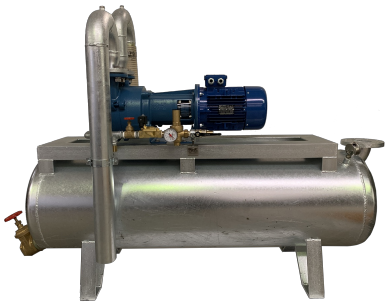
WASTE TREATMENT

VACUUM PUMP



DESCRIPTION

These vacuum pumps, a vane type impeller, are used to produce the vacuum needed into the plant. The rotor is supported by grease lubricated ball bearings.The pump is assembled on a "safety tank" to prevent that solid parts enter into the pump. The casing in cast iron, impellers in bronze and shafts in stainless steel.

TECHNICAL DATA 14/17/21

Model	**14**	**17**	**21**	**l**
Vacuum capacity	120	215	350	m^3/h
Water cons. at 3 bar	0,8	1,1	1,1	m^3/h
Power installed	4	7,5	11	kw
Total weight	97	132	210	kg
Shipping volume	0,07	0,13	0,20	M^3

CONTINUA NELLA PAGINA SUCCESSIVA

TECHNICAL DATA 23/25

Model	**23**	**25**	**l**
Vacuum capacity	535	810	m³/h
Water cons. at 3 bar	1,9	2,5	m³/h
Power installed	15	22	kw
Total weight	330	445	kg
Shipping volume	0,22	0,40	M³