

## Dehairing machine



## Lose the hair efficiently

Improving the total hygiene level and saving time for cleaning and maintenance, the dehairing machine is the most efficient dehairing machine in the industry.

### Hygiene

The dehairing machine complies with the strictest hygiene demands and provides easy access for effective manual cleaning.

The internal construction with smooth surfaces (rollers with closed ends, insulated, stainless steel side doors, pneumatically operated by means of an open/close button) limits the chance of accumulated dirt and gives easy access for cleaning. This results in improved hygiene levels and waste minimization – in the end, improving meat quality.

### Options

The dehairing machine can be installed as a supplement to the existing dehairing machine(s), either to increase capacity or to improve dehairing effect

In case of a new installation, the machine will traditionally be installed as a double dehairing machine with opposite rotation of each pig, thus achieving the most ideal dehairing process.

- Available with automatic transport of hair and nails
- Frontmatec hair separation plant
- Central lubricating system for bearings

### Why the dehairing machine!

- Higher utilization of machine capacity with excellent efficient dehairing
- Improved hygiene, time savings, efficient energy and water usage with easy cleaning access
- Clean, smooth handling with use of fresh water on the carcasses
- Time savings with easy maintenance access
- Environmental cost benefits with use of recirculated water only for hair transport
- Improved work conditions with use of noise-reducing materials
- Minimal wear of bearings due to strategic positioning of components that results in minimal vibration
- Bearings are lubricated from the outside of the machine



## Preconditions

The dehairing machine is supplied with a primary and a secondary scraper shaft with bolt-on scrapers. During scraping, the hogs rotate forward due to the designs of the supporting lattice (U-bar) and the spiral-shaped drum. The U-bar design and the positioning of the scraper shafts ensure efficient cleaning of both pigs and sows.

## Safety and legal requirements

The dehairing machine is CE approved and designed to meet the strictest demand on health and safety.

## Technical data

Consumption

Power supply 3x400V/50 Hz

On request, other voltages and frequencies

Technical data may be subject to changes



Dehairing machine in double configuration

Type Scraper rows	Capacity pigs/hour	Motor power kW	Own weight x 1,000 kg	Water consumption m <sup>3</sup> /h (42°C)	Air consumption NI/h Pressure 6 bar*	Dimensions lxbxh mm
1x16	180	1x5.5+1x15	6.2	7.6	11	3,500x2,000x3,500
2x16	300	2x5.5+2x15	12.4	12.3	22	7,500x2,500x4,000
1x18	250	1x5.5+1x15	6.6	8.5	11	3,850x2,000x3,500
2x18	400	2x5.5+2x15	13.2	13.5	23	8,200x2,500x4,000
1x20	300	1x5.5+1x15	7.0	9.5	11	4,200x2,000x3,500
2x20	500	2x5.5+2x15	14.0	15.4	23	8,900x2,500x4,000
1x22	350	1x5.5+1x15	7.4	10.4	12	4,550x2,000x3,500
2x22	600	2x5.5+2x15	14.8	16.6	24	9,600x2,500x4,000
3x22	950	3x5.5+3x15	22.2	22.7	35	13,500x2,500x4,000
2x28	900	2x9.2+2x22	18	21.5	25	11,500x2,500x4,000
2x30	1,000	2x9.2+2x22	20	22.7	25	12,200x2,500x4,000

\*20 hours per day

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