

Hide puller, electrical



All-round dehider for all capacities

The Frontmtec hide puller for cattle is designed for the top-down or bottom-up dehidng of cattle carcasses. The hide puller is suitable for dehidng all kinds of cattle in an efficient and ergonomic way, and was specially designed for high capacity lines.

The hide puller consists of a stainless steel frame on which the hydraulically operated dehider roll is mounted. The dehiding roller is equipped with two dehiding chains and hide clamps. The hide is pulled off the carcass from top to bottom, or from the bottom to the top. In case the carcass is dehided from the bottom to the top, the forelegs need securing. If required, the head can also be dehided. In this case, there more height is needed. To prevent the backbone from breaking when dehiding top-down, electrical stimulation is necessary.

The dehiding chains are attached to the hide flaps by means of the hide clamps. The cattle must be pre-dehided until below the rear flanks. Once attached, the hide is pulled from the carcass, as the dehiding roller starts rolling. First, the hide is pulled backwards and then the hide is pulled down. And rolled up the dehiding roller.

The speed of the hide puller can be regulated automatically with a PLC. The PLC controlled automatic hide puller enables the user to make pre-sets for the dehiding of different types of cattle.

The programming is clear and easy. Once the carcass is fully dehided, the hide is unrolled and released. The dehider is suitable for a start/stop conveyor or a continuous conveyor (pusher).

The capacity is 70 cattle per hour, including head and 100 cattle per hour, excluding head.

Why the hide puller, electrical!

- Full stainless steel construction
- Plug and play
- Efficient and ergonomic in use
- Hygienic operation due to limited pre-dehiding
- Front legs do not need securing (top-down dehiding)
- Head dehiding possible
- Limited skin damaging
- Includes electrical stimulation system with sterilization unit



Options

- Electrical stimulation
- Hook-relief
- Dehiding platforms
- Front-leg securing platform for bottom-up dehiding

Safety and legal requirements

The hide puller is CE approved and designed in accordance with the EU and USDA regulations to meet the strictest demand on health and safety.

Technical data

Capacity

Top-down	Up to 70 cattle p/h or 130 calves p/h, including head Up to 100 cattle p/h or 140 calves p/h, excluding head
Bottom-up	Up to 65 cattle p/h or 120 calves p/h, including head

Material	Stainless steel
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Power supply	3x400V/50Hz/2x4Kw
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Protection	IP55 standard
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Control voltage	24V
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Power in chains	14,500 N
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Technical data may be subject to changes



Contact

CN: shanghai@frontmatec.com
Phone: +86 215 859 4850

DK: kolding@frontmatec.com
Phone: +45 763 427 00

NL: rijssen@frontmatec.com
Phone: +31 886 294 000

UK: birmingham@frontmatec.com frontmatec.com
Phone: +44 121 313 3564

DE: beckum@frontmatec.com
Phone: +49 252 185 070

ES: barcelona@frontmatec.com
Phone: +34 932 643 800

RU: moscow@frontmatec.com
Phone: +7 495 424 9559

US: kansascity@frontmatec.com
Phone: +1 816 891 2440