



PORK SOLUTIONS // CHINE BONE SAW

ENERGY EFFICIENT CUTTING OF CHINE BONE

The manual chine bone saw is a highly energy efficient tool, thanks to its 2.8kW electric servo motor. Compared to other drive methods such as pneumatic and hydraulic, the Frontmatec manual chine bone saw is up to 8 times more energy efficient.

Being electric, it is pure plug'n play with fast installation and low maintenance cost making the overall operational cost best in class. Its ergonomic design and suspension set-up take the strain from the operator as it is very easy to handle thus ensuring precise cutting of the chine bone for increased yield.

Hygiene

The manual chine bone saw is in corrosion-proof materials approved for use in the food industry (FDA-approved). The handles are of a synthetic material approved for the food processing industry.

Options

- Height-adjustable platforms with nonslip bases ensure ergonomically correct and safe work conditions and prevent injuries
- Noise insulated box for reduction of noise emission to surroundings
- Mounting of noise absorbing material on walls
- Cutting belt with grooves or spikes for holding the middles in place during the sawing operation
- Separate operator control panel (if MCC can not be placed close to the operator)



Why the Manual Chine Bone Saw!

- Electrically driven for low cost of operation
- Adjustable handles for comfortable, stress-free and ergonomic operation
- Spring suspended, weightless to push aside when not in use
- Adjustable to the travel direction of the conveyor
- Low maintenance



Technical data

Weight (w/hose)	21 kg 42 lbs (incl. blade)
Electrical connection	3 x 400 volt 50 Hz
Max power consumption	4 kW
Rotational speed	app. 3600 rpm
Blade diameter	270 mm 10.6 in
Blade thickness	1.2 mm 0.47 in
Max cable length from control to chine bone saw	10 m 32.8 ft
Control box (W x H x D)	600 x 855 x 300 mm 23.6 x 33.7 x 11.8 in
Connection	5 electrical cables

Technical data may be subject to changes

Safety

- Equipped with automatic brake
- The grip is in a nonslip design with protective guards
- Travel rail incl. carriage with hook
- Tested in cooperation with various slaughter houses
- Noise-tested
- The manual chine bone saw meets the strictest demands on health and safety

Legal requirements

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



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