

Automatic chine bone saw, type AM11

The automatic chine bone saw, based on the Vision system, cuts off the chine bone from the middles – with great speed and precision.

The chine bone saw consists of a conveyor, a cutting device and a measuring unit. The conveyor is equipped with slat belts and flights in stainless steel. A cutting device is placed in the middle of the conveyor; this device is built around a robot with 6 axes and a circular saw installed. The cutting device cuts off the chine bone of the middles without interrupting transport, making rapid, yet accurate cuts as they pass through the cutting device. Inside the device is a measuring unit based on a 3D scanner and laser which instantly registers the individual characteristics of the relevant middle. In the same instant the machine calculates the ideal cut curve for the circular saw in order to obtain the optimum cut. The chine bone saw is dimensioned to be introduced into a transport line on which right and left middles arrive separately and with the back line turned towards the cutting device.



**THE ONLY ONE
ON THE MARKET
Up to 1400
middles an hour**

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