CMS

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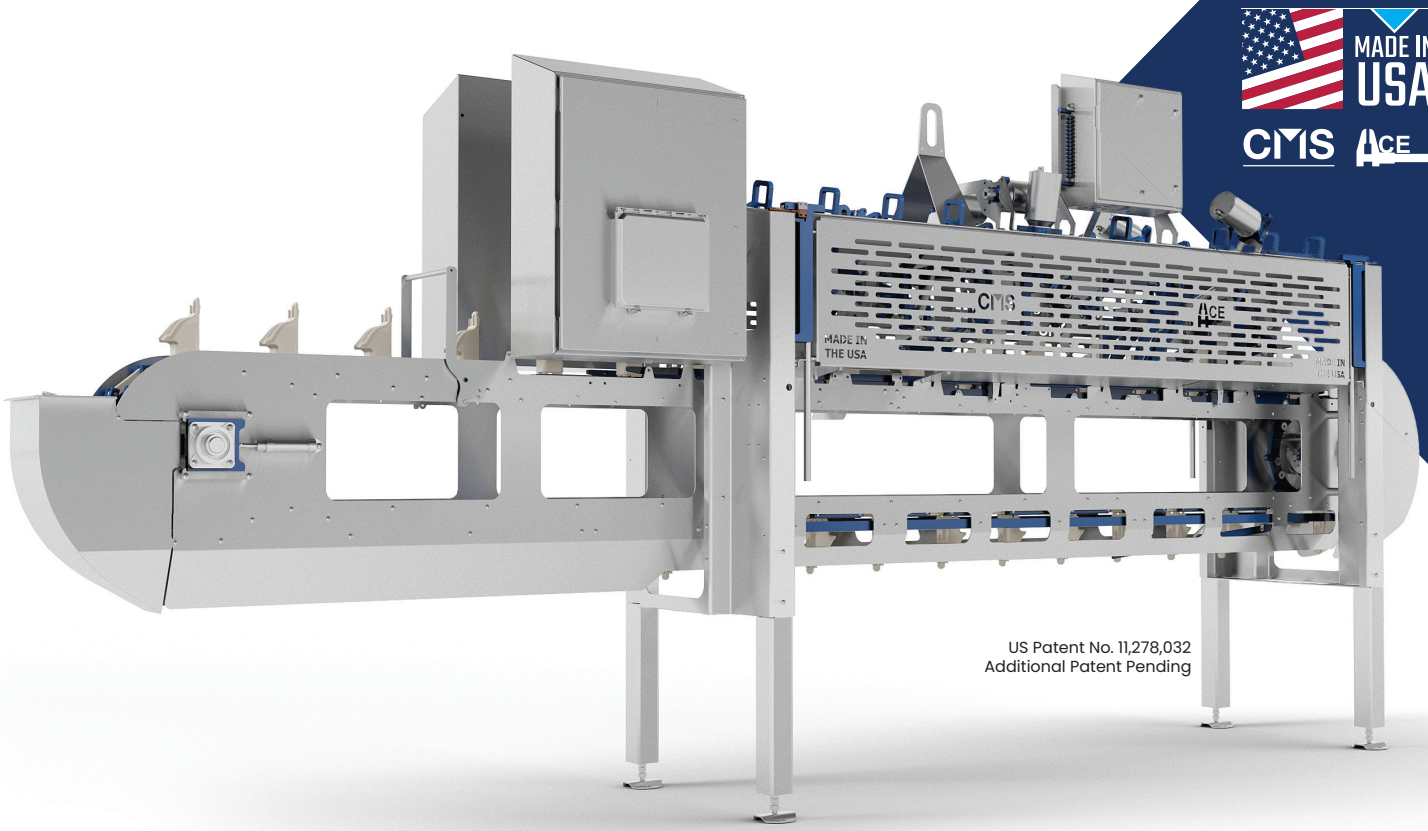
CMS ACE DB-5 Breast Deboner



US Patent No. 11,278,032
Additional Patent Pending

- Engineered, designed, manufactured, and supported in the US.
- Leading technology in breast deboning
- Minimal bone content and rework
- Low cost of ownership
- Small footprint
- PLC controlled with a simple touchscreen
- Integrated automatic safety shutoff

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Precise Cuts. Delivered.

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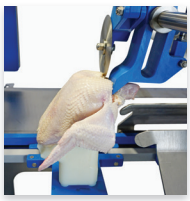
MODULE 2

Neck Skin Cutter

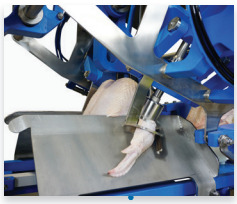
cuts skin and fat at the base of the neck with or without whole neck attached.



MODULE 3

Wing Cutter

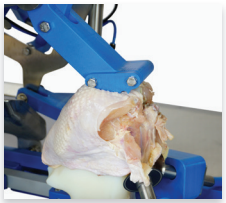
makes precise whole wing cuts and detects miscuts.



MODULE 4

Scapula Cutter & Skin Wiper

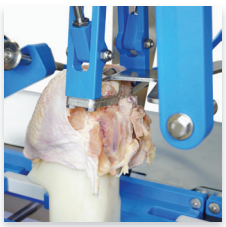
separates breast meat & skin from scapula.



MODULE 5

Wishbone Cutter

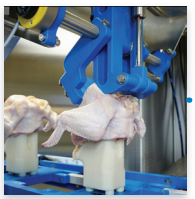
separates breast meat from wishbone.

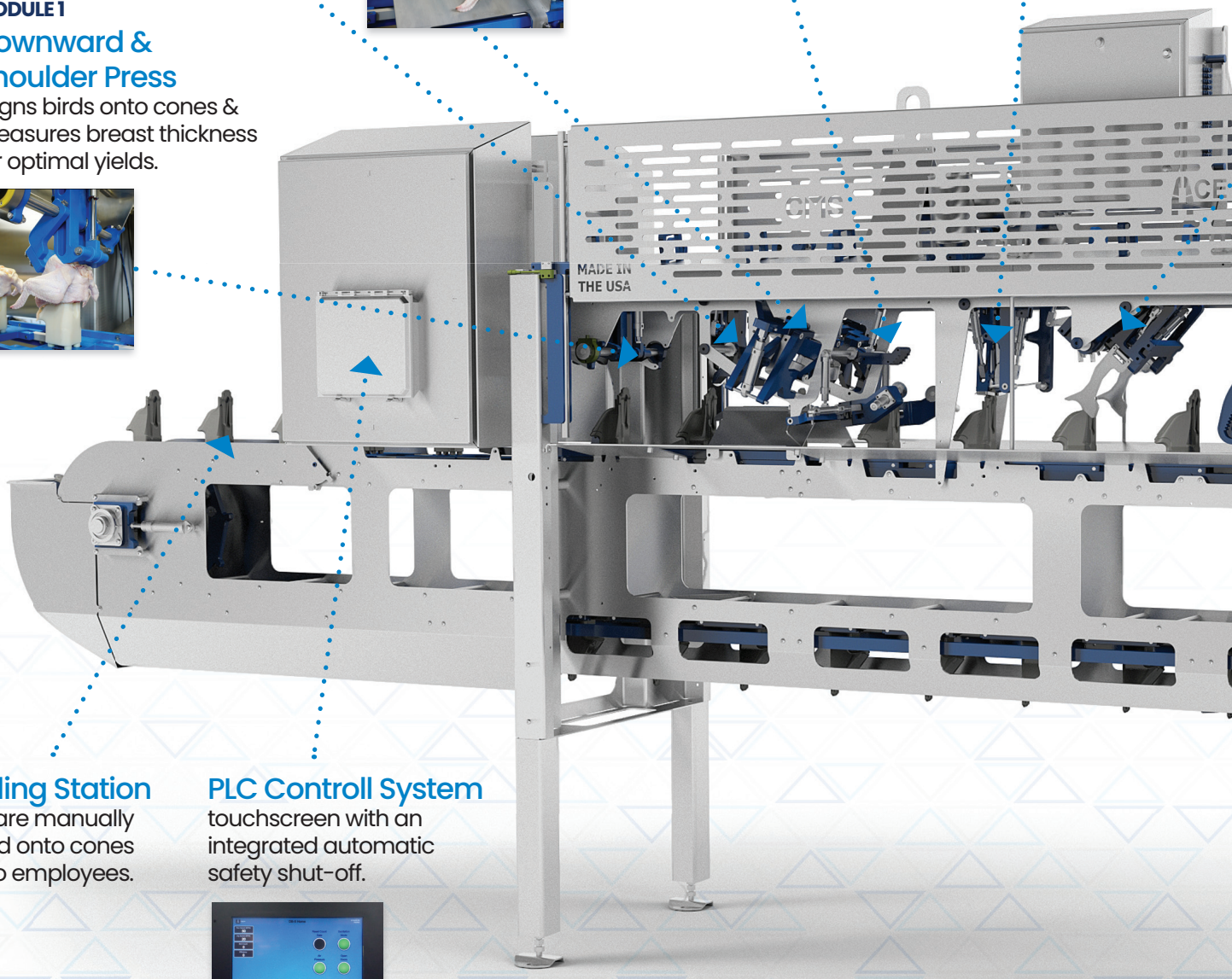


MODULE 1

Downward & Shoulder Press

aligns birds onto cones & measures breast thickness for optimal yields.





Loading Station

birds are manually loaded onto cones by two employees.

PLC Controll System

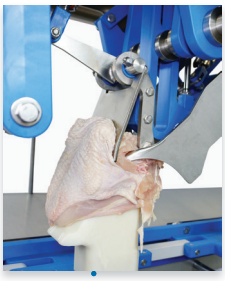
touchscreen with an integrated automatic safety shut-off.

CMS ACE DB-5 Breast Deboner

MODULE 6

Wishbone & Rib Plow

separate breast meat from wishbone and then plows along the rib cage of the carcass.



MODULE 7

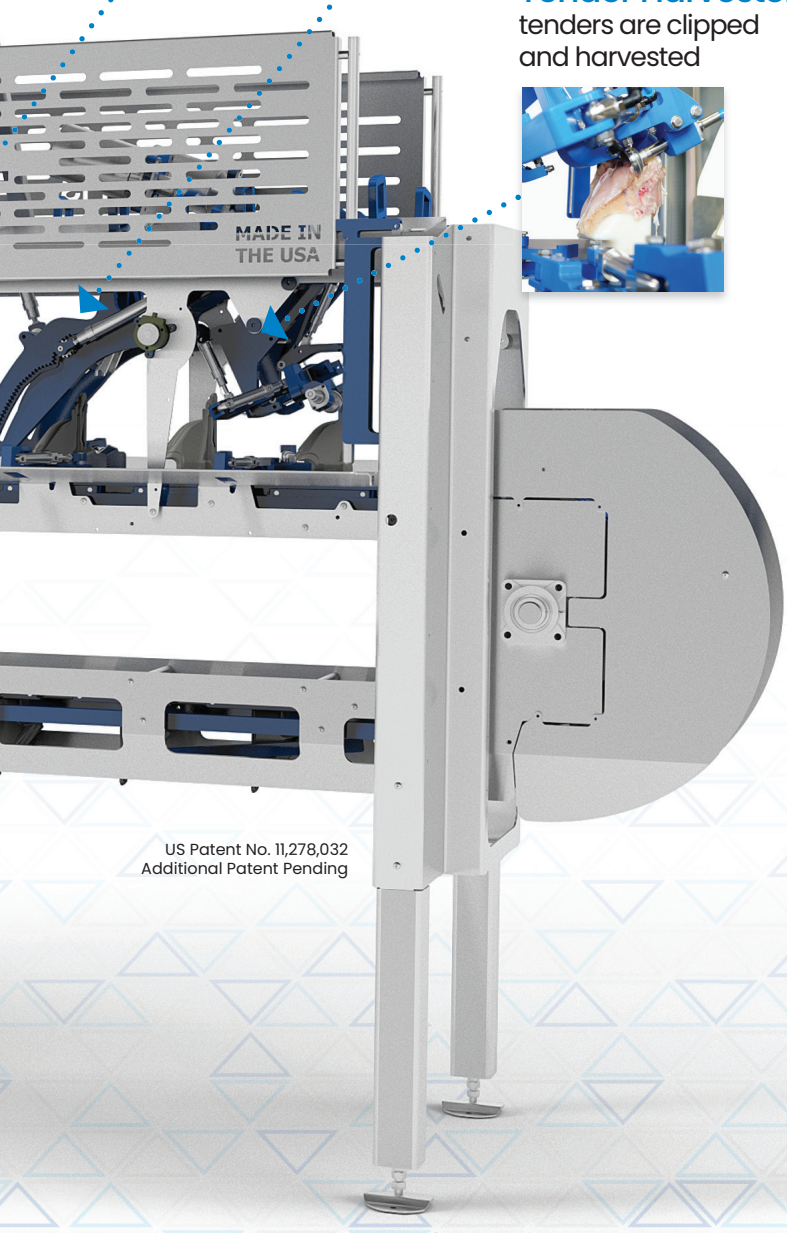
Breast Roller

harvests breasts and adjusts height to each bird.

MODULE 8

Tender Harvester

tenders are clipped and harvested



US Patent No. 11,278,032
Additional Patent Pending

Clean Joint Cut

Rib Meat Intact

No Cartilage Remaining

Clipped Tender

The **CMS ACE DB-5 Breast Deboner** produces whole wings, butterfly cuts, and clipped tenders with minimal need for rework.

CMS ACE DB-5 Breast Deboner
Technical Advantages

Scan Here for Product Video

The CMS-ACE DB-5 Breast Deboner produces butterfly cuts, clipped tenders and whole wings, with minimal need for rework.

The CMS-ACE DB-5 can process birds from 3.5 to 10 pounds with a capacity of 50 birds per minute. The machine is capable of running front halves and footballs with or without necks and can process one wing birds. It utilizes a simple touchscreen PLC control system with an integrated automatic safety shut-off.

Birds are manually loaded onto cones by two employees and an automatic positioner assists in aligning the birds correctly. The neck skin cutting module makes a precise cut. The CMS-ACE DB-5 breast deboner then makes the precision whole wing cut. After the scapula and wishbone are cut, the whole butterflied breast and the tenders are harvested for maximum yield.

With reduced labor cost, high yields for multiple cuts, and only a 22-foot long and 41-inch wide footprint, the CMS-ACE DB-5 Breast Deboner is an excellent option for all deboning operations.

From Live Weights:

- Small 3.5 lbs – 5.5 lbs; 1.6 kg - 2.5 kg
- Medium 5.5 lbs – 8 lbs; 2.5 kg - 3.6 kg
- Large 8 lbs – 10 lbs; 3.6 kg - 4.5 kg

Produces:

- Whole wings
- Butterflies
- Clipped tenders
- Capable of deboning front halves and footballs with or without necks
- Can process one wing birds
- Capacity 50 bpm

Specifications:

- Length 22 ft; 6.7 m
- Width 41 in; 1 m
- Height 90 in; 2.3 m
- Weight 2700 lbs; 1225 kg
- Water Connection 1/2 in; 1.3 cm
- Water usage less than 2 gal. per minute
- Air Connection 3/4 in; 1.9 cm
- Electrical 480v 15A

Air Usage 90psi Minimum:

- Dry Clean Air
- 50 CFM
- No CO2

"It's the best automated deboning machine in the business. It's the hottest on the market. Yield quality, uptime and footprint all make it appealing, and automation is where we are heading. The quality of the product is very good, and the yield is comparable to hand deboning."

Andy Harris - VP Operations, Harrison Poultry

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