



A cut above the rest.

Automatic Corn Cutter (ACC)

Orient, feed, and cut corn at increased volumes. The ACC is a self-contained production machine, where units are flexible to fit any cutting room with little modification to existing conveyors.

Plus, with the built-in Cutter Feed System,[®] gentle handling ensures a top-quality cut every time.

More power to you.

For over 75 years, Magnuson CCM has been your world leader in sales of vegetable, fruit, nut, and meat processing machinery, with thousands of machines supporting the food supply chain worldwide.

Get in touch:

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MAGNUSON CCM CORN CUTTER VS. COMPETITION

CAPACITY ADVANTAGES

- 2 ACC machines provide same capacity as 3 competitive cutters
- Tonnage Into Cutter: ACC: average capacity of 2000 kg/hr (max. 3700 kg/hr*) vs. Competition: 1500 kg/hr
- Tonnage Out of Cutter: ACC: average capacity of 750 kg/hr (max 1350 kg/hr*) vs. Competition: 500 kg/hr

YIELD ADVANTAGES

- Fewer spikes on the infeed rolls: 1 set of spiked rolls feeding cutter for ACC vs 2 set of spiked rolls for competition
 - Approximate damage 24 kernels per cob (8 spikes on an 6-8" cob) on ACC – based on 3 kernels being damaged per spike = 24 damaged kernels per cob
 - ACC = 24 damaged kernels on a 800 kern cob (3% worst case loss)
 - Competition = 48 damaged kernels on a 800 kern cob (6% worst case loss)
- Competitive equipment runs efficiently at the beginning of season but shows poor recovery at the end of the season, while the ACC cutter heads maintain consistent yield through the entire season

ORIENTATION ADVANTAGE

- ACC: 85-95% vs. Competition: 75-80%

OVERALL PERFORMANCE ADVANTAGES

- Ability to recognize shank
- Nubbin removal prior to knives (through flipper gate)
- Stuck or jammed cobs are automatically removed on the ACC with the use of a Nubbin Knocker, leading to higher capacity rates, less wear on knives and avoiding the need to remove stuck cobs by hand (improved safety)
- Very rapid reversing and clearing of machine
- Enables connectivity to central computer

FLOOR SPACE REQUIREMENTS

- ACC systems require less floor space than competitive cutters (ACC 5' 6" to 6' centers vs. Competition 9' centers)

MAINTENANCE ADVANTAGES

- Competitive cutters require significant maintenance throughout the year compared to ACC due to fewer machine parts
- ACC cutter heads require less maintenance than competitive cutter heads

**Based on green corn at 3 cobs/kg, instantaneous rate of 185 epm and a recovery of 37%*