

# Tenderizing

TC820 Tenderizer



## MACHINE FEATURES:

- ◆ Pass Through Mode
- ◆ Wash-Through Design
- ◆ 28" Wide Belt
- ◆ Variable Stroke Rate



## PROCESSOR BENEFITS:

- ◆ Tenderizing Blades Sever Sinew, Connective Tissue & Muscle Fiber Enabling Rapid Marinade Absorption and Reduced Tumble Times
- ◆ Aging time is reduced, decreasing purge
- ◆ Cooking time is reduced, and moisture is retained to enhance flavor

## KEY FEATURES:

- ◆ **Boneless only tenderizing head:**  
Using stainless steel blades, Ross' unique "T" shape tenderizing pattern is imparted to the primal, guaranteeing your tenderness specification.
- ◆ **Bone In Head:** Force limiting head for bone in product and smaller primals.
- ◆ **Sanitary Liquid Recovery:** Tenderizer conveyor bed is an integral tub, without seams or welds. Any liquid that drips through the conveyor is easily recovered through a common drain.
  - ◆ **High Production Volume:** At a conveyor belt width of 28" (711 mm), large primals such as top butts, inside/bottom rounds, and chuck rolls can be placed three across averaging 10,000 lbs/hr (4,500 kg/hr) capacity.
  - ◆ **Open Construction:** Improves sanitation increasing Food Safety.



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### KEY FEATURES (Cont.):

- ◆ **Adjustable Conveyor Advance:** Conveyor advance can be manually adjusted varying number of blade incisions per square inch, enabling degree of tenderization to be “Dialed-In”.
- ◆ **Variable Stroke Rate:** Three position selector switch enables tenderizer output to pace cutting line.
- ◆ **Pass Through Mode:** Independent head and belt drives allows tenderizer to be used in Pass Through mode.
- ◆ **Servo Drive:** Provides smooth conveyor movement resulting in improved tenderizing consistency.



## SPECIFICATIONS

Machine Dimensions	105" L x 45" W x 60" H (2,667mm L x 1,143mm W x 1,524mm H)
Machine Weight	2,100 lbs - (952.5 kg)
Voltage Requirements	480 V • 50/60Hz • 32 - 14A
Nominal Production Rate	10,000 lbs/hr (4,500 kg/hr)
Variable Stroke Rate	60/70/80 strokes/min
Conveyor Advance Rate	0.63" in/strokes (1.6 cm) 1.50" in/strokes (3.81 cm) 2.25" in/strokes (5.7 cm)
Conveyor Width	28" (711 mm)
Maximum Product Height	7" (17.7 cm)
Product Temperature	32°F to 40°F (0°C to 5°C)