

AUTOReturn Skinner

Townsend SK 15-330 Conveyorized Skinner



- Highest skinner yield on the market
- Easy access to electrical, air and drive systems
- Feed-Back conveyor for multiple passes of a product

The SK 15-330 Skinner utilizes a return conveyor system ideal for products requiring additional passes.



Innovative Skinning Performance

The SK 15-330 ConveyORIZED AUTOReturn Skinner adds another layer of innovation to an already advanced line of conveyORIZED skimmers offered by Marel. An innovative feed-back conveyor system allows skinned product to be returned to the operator and reintroduced to the skinning mechanism. This makes for higher throughput rates and easier operations.

Features & benefits

Performance

- Market leading skinning performance provides best yields possible.

Ease of operation

- Easy lock-down for the top-feed cylinders and spring cartridges
- Top-feed has a belt drive vs. chain drive offering easy access to the belt for maintenance
- eStop buttons accessible from front and back of machine

Sanitation

- Built-in storage for all loose parts
- Shoe can remain on the machine during sanitation, reducing the chance for accidental damage.
- Open Conveyor frames for easy sanitation



Unique takeaway conveyor to remove trimmings



Easy access to the electrical, air and drive systems



A "line bored" machine cabinet assures perfect alignment between the tooth roll and skinning mechanism that will remain perfectly aligned.

Application chart

Product	Width	Tooth Roll	Stripper	Blade	Top feed	Throughput rates
Cow Meat: Inner skirts Outerskirts	20"	64	Short	7/8" or 1"	Rolls	15/min
Beef: Outer Skirts	20"	48x or 64	Short	7/8" or 1"	Rolls	14/min



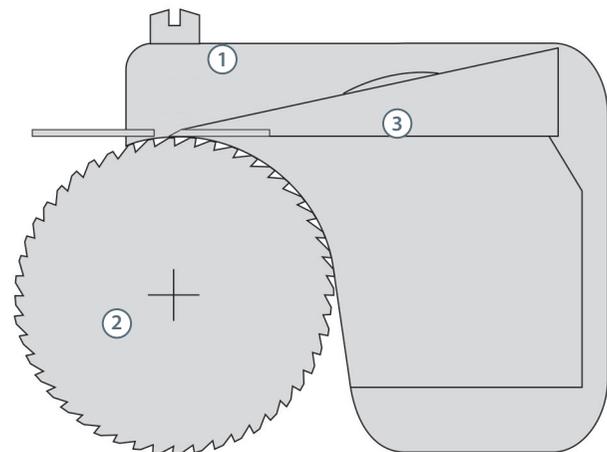
Townsend skinning principle

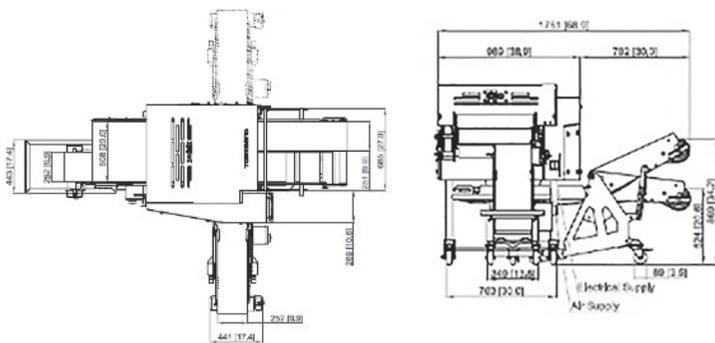
Ray Townsend invented the first pork skinner and his Townsend Skinning Principles in 1946. Ever since, Townsend Skinners have lead the industry.

All Marel skinning products are still based on the Townsend skinning principles which is made up of three components:

- ① **Sharp blade**
Townsend No-Load Blades are manufactured to resist nicks and cuts and minimize wear. The reduced wear decreases "drag" and energy demands from both machine and operator.
- ② **Pulling power**
Forward motion is produced as the tooth roll grabs and pulls products toward and across the blade. The tooth roll and blade must maintain factory set tolerance and work in conjunction with one another.
- ③ **Pressure**
Precise top pressure on the product will allow the shoe to "float" during skinning and visibly move away from the tooth roll as product advances across the skinning surface.

Pressure applied by the shoe and blade clamp; Pulling Power provided by the tooth roll and a Sharp Blade. The three principles work in unison to assure maximum machine performance and yield earning potential.





Machine Dimensions

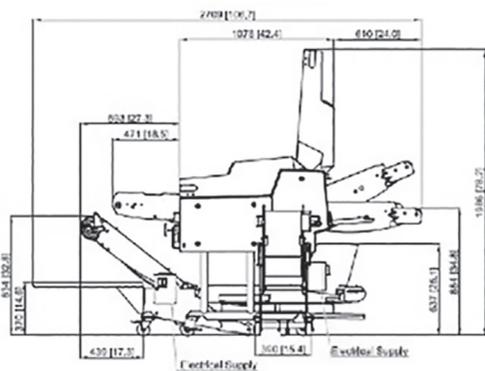
- Length 2160 mm (85 inch)
- Height 2000 mm (79 inch)
- Width 1950 mm (77 inch)

Shipping Weight

- Net: 620 kg (1370 lbs.)
- Crated: 820 kg (1810 lbs.)

Power Supply

- Total Power (KW): 1.5



Volts (V)	Amp (A)	Frequency (Hz)
230	6	60
400	3,5	50
460	3.5	60
575	3	60

Air Pressure (Optional)

- 4.0-5.5 Bar
- 60-80 PSI

Airborne Noise

- < 70 dB



Marel is the leading global provider of advanced equipment and systems for the fish, meat and poultry industries.

In close partnership with our customers we in Marel Meat develop advanced systems and software for primary, secondary and further processing, to ensure maximum efficiency, sustainability and traceability.

We have an extensive global sales and service network that spans more than 30 countries; and our red meat processing experts are always within easy reach when you need support.