



The compact 65 lb. Sonix ultrasonic sealer resists dirt, dust, and residue, reducing cleaning requirements.



Economical electric press with 7,500 lbs. of press capacity equipped with up to three Sonix sealing heads.



Optional advanced platen safety system with platen zero energy state.



Optional MoscaTrak real-time data collection and diagnostics.

- Reliable, Economical, All-Electric Compression Unitizer with Throughput Rate up to 220 Units/Hour.
- Sonix Strapping Heads Designed for Longer Service Intervals and Minimal Maintenance Needs.
- Optional "MoscaTrak" Diagnostics and Data Collection Screen Provides Real-Time Data to Determine Corrective Actions and Maximize Up-Time.
- Impressive Reliability Using Low-Cost 9mm (3/8") PET Strap.

# CTR Compression Unitizer

## Standard Specifications

The all-electric CTR unitizer offers the highest throughputs available in a cost optimized structure. System features compact, lubrication-free Sonixs strapping heads, many technological enhancements, and optional diagnostics which support efforts to reduce ownership and operating costs while maximizing output and improving productivity.

- The refined, electrically-powered compression platen drive system, structurally supported by heavy-duty 12" C-Channel uprights, can accommodate one, two or three Sonixs strapping heads for consistent sealing and increased up-time.
- Mosca's innovative wear-free DC brushless direct drive technology with simplified mechanics guarantees precise control over strap feeding and consistent tensioning while reducing spare parts and service requirements.
- Mosca proprietary Sonixs ultrasonic welding system reliably seals either PP or PET strapping materials with maximum joint strength.
- Compact, 65 lb. light-weight, heavy-duty Sonixs sealing unit is modular with quick-release connections enabling easy inspection and convenient service. If required, the strap path can be disassembled without tools.
- The low-friction UHMWPE strap feed track with durable stainless steel gates and automatic strap re-feeding feature have been uniquely engineered to secure loads with exceptional feed reliability and increased up-time at higher cycle rates.
- The tangentially-driven roller conveyor is integral with the unitizer base and the smaller footprint makes it suitable for any environment. Rollers easily lift out for maintenance without chain removal.
- The newly developed CTR unitizer comes with 2 Year Warranty on Sonixs heads, If equipped with optional diagnostics and platen safety systems, it offers an outstanding opportunity to achieve the lowest investment/operating cost and the best performance of any unitizing system, anywhere.
- A variety of after-sales services, including no-charge phone support, Ethernet connectivity, and preventative maintenance agreements enhance the overall cost-effectiveness of the CTR.

CTR Series			
Model	601	602	603
Strapping Heads	1	2	3
Head Spacing	N/A	14" or 24"	14" and 24"
Conveyor Width	108"		
Conveyor Length	67.75"		
Conveyor Height	12" Standard, Others Optional		
Conveyor Speed	45 or 60 Feet Per Minute		
Compression Type	Electrical		
Compression Range	Touch to 7500 lbs.		
Load Sizes			
Length	20" Minimum		
Width	20" Minimum - 98" Maximum		
Diagonal	100"		
Load Height	Without Lances	8" - 96"	
	With Lances	12" - 96"	
Max Production Speeds (Loads/Hour)*			
2 X 0 Pattern	Without Lances	220	
	With Lances	160	
2 X 2 Pattern	Without Lances	105	
	With Lances	90	

\* Assumes 48" x 48" x 48" Load. Throughput speeds can vary depending on conveyor speed, load size, compressibility, turning devices, and use of pallet void feeders. Consider all variables.

## Technical Data

### Power Requirements:

**Electrical:** 460 VAC, 3 Ph, 60 Hz, 40 Amps (Alternative Voltage Available)

### Strapping:

9mm, (3/8"), 11mm, (7/16") 12mm (1/2") machine grade polyester; or 12mm (1/2") machine grade polypropylene.

**Strap Tension:** Infinitely adjustable from 50 - 250 Lbs.

**Strap Seal:** Ultrasonic weld

**Conveyor:** Bed dimensions of 67.75" l x 108" w x 12" h. Heavy duty 2.38" diameter steel rollers on 3.63" and 4.25" centers. Half-width roller design, independently driven. Standard speed set at 60 ft./min.

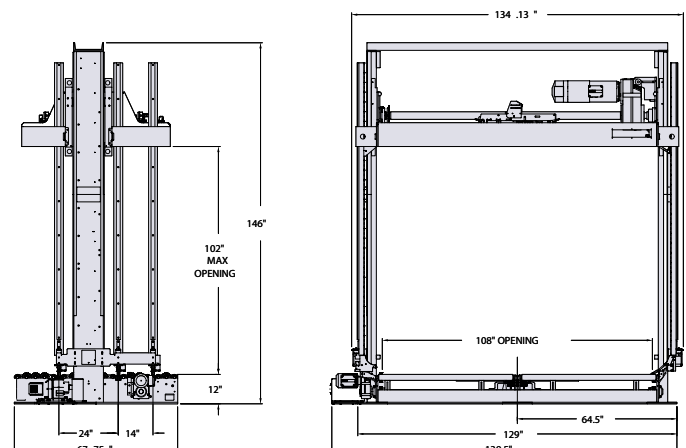
**O.E.M. Controls:** Allen-Bradley CompactLogix PAC Standard

### Common Options:

- **Internal Turntable:** 49.5" long cross-arm style. Load rotation continuous in either direction, or reciprocating on request. Load capacity 2,500 lbs.
- **Lances (PVFA):** Feeds strap through pallet voids with "clear path" sensing.
- **Advanced Platen Safety System with Platen Zero Energy State:** Unique backup mechanical safety system engages at any platen elevation to prevent platen from falling in the unlikely event of drive failure.
- **MoscaTrak:** Diagnostics and data collection screen provides real-time data to determine corrective actions and maximize up-time.

### Additional Options:

- Automatic Platen Support
- Manual Control Station
- Extra High Platen Opening
- Spare Head/Test Stand



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