KOMAR EM Auger Compactors put the GREEN in waste removal systems, providing maximum compaction, reduced site traffic, diminished carbon footprint and decreased transportation cost. The EM Auger Compactors utilize an all electro-mechanical drive, making them energy efficient and clean. They are maintenance friendly, eliminating oily messes and leakage from the processing chamber, as well as minimizing container break-away spills. The elimination of hydraulic cylinders and power units, typically found in ram compactors, ram type pre-crushers, bale, hydraulic shear shredders and tub grinders, reduces the overall space requirement of the EM Auger Compactor, without losing any of its large charge area capacity. With a large selection of sizes, the EM Auger Compactors can be utilized in both commercial and industrial applications.
Features of the Komar EM Auger

The EM Auger features an all electro-mechanical drive, Allen Bradley controls, solid forged alloy shaft, high capacity roller bearings and comes in a variety of sizes and classifications to fit almost any application. Sizes range from .75 to 9 cubic yard charge capacity, with ample selection of open feed hoppers, enclosed plug-in dock hoppers and chutes. Machines are offered in Class 1 & 2 designs to meet customer application needs.

**Class 1** is ideally suited for standard service requirements such as small industrial, commercial operations, hospitals, retail stores, grocery stores, shopping malls, etc.

**Class 2** is for heavier usage such as manufacturing facilities, distribution centers, moving companies, municipalities, etc.
How does the Komar EM Auger work?

The EM Auger Compactors’ unique method of processing waste eliminates air by reducing the material size and composition, increasing in density as it is processed through a compression tube to the receiving container, providing the right combination for reduction and transportation of plant waste. Materials such as corrugated, industrial wood dunnage, furniture, as well as most other products are easily handled with its large pitch compression auger screw, which pulls the material down pre-crushing and tearing the material as it is moved to the front wall. The auger forces the material through the extrusion tube, further shredding and increasing the density of the material. The high compression force of the auger screw is intensified by the small surface area of the hardened compression flight, which provides approximately 10 times the direct compact force of conventional ram compactors. The EM Auger Compactors produce waste loads from 8 to 12 tons per roll-off receiving container. Remember, the more abundant the air in your waste, the more containers need to be transported, utilizing energy which adds to the carbon in the air and cost to the bottom line.
### SPECIFICATIONS

& Some Optional Equipment

the green solution for industrial wood waste

![Diagram of wood chipper](image)

Standard hopper shown; Special hoppers designed to your application

Various Sizes to fit Your Needs

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* Load weights are based on actual customer usage; however, results may vary depending on materials, loading method or scheduled pick-ups.

### OPTIONS

Call our local dealer or factory representative for additional options

All electro-mechanical cart dumpers 1,000 lb. or 2,000 lb. capacity

Komar Octagonal Compaction Receiving Containers Available in 29, 32, 36, 40 & 44 cu. yd. capacity with quick-close side swing door for feed tube opening

———

Patent: # 4253615, # 5108040

NEXGEN MUNICIPAL

NexGen Municipal Inc.
4430 Mainway Dr.
Burlington, ON
L7L 5S5

Phone: 1-800-567-0103
Email: wtlv@nexgenmunicipal.com

UL US

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KOMAR EM Auger Corrugated Compactors utilize all electric mechanical drives, making them energy efficient and clean. They are maintenance friendly, eliminating oily messes and leakage from the processing chamber, as well as minimizing container break-away spills. EM compactors provide maximum compaction reducing site traffic and transportation costs, which in return reduces the carbon footprint. With a selection of sizes, the EM can be utilized in both commercial and industrial applications. The elimination of hydraulic cylinders and power units, typically found in ram compactors, reduces the overall space requirement of the EM Auger Compactor, without losing charge area.

OLD PROBLEMS FADE AWAY

Downstroke Balers
- Personnel safety issues
- Small volume capacity
- Labor intensive

Horizontal Balers
- Large capital investment
- Large indoor space requirements
- Dust & house cleaning problems
- Specialized labor

Storing Bales
- Storage areas required for bales
- Labor to stack bales & load trailers

Conveyor Fed Ram Compactor
- Jamming due to reciprocating ram
- Inability to keep up with conveyor feed

Pre-Crushers
- Slow operating cycle time
- Excessive space requirement

Open Top Container
- Uncontrolled waste
- Little or no compaction
- Highest cost for disposal

Ram Compactors
- Oily hydraulic messes that produce an environmental hazard
- Large amount of spillage during container pick-up
- Poor payloads

KOMAR INDUSTRIES, INC.
4425 Marketing Place
Groveport, Ohio 43125

E-mail: info@komarindustries.com
Web: www.komarindustries.com
TEL: (614) 836-2366
**EM AUGER COMPACTOR**
All Electro-Mechanical Compactor / Shredder / Process Directly into Standard Roll-Off Container

**THE TRADITIONAL PROBLEMS**

- **Open Top Container**
  - High cost
  - Uncontrolled waste

- **Ram Compactors**
  - Large footprint
  - Poor payloads
  - 2 to 5 ton per 40 cu. yd.
  - Oil mess around unit

- **Conveyor Fed Ram Compactor**
  - Jamming due to reciprocating ram
  - Poor payloads due to inability to keep up with conveyor feed

- **Downstroke Balers**
  - Small volume capacity
  - High labor involvement
  - Wire cost & storage
  - Personnel safety

- **Horizontal Balers**
  - Large capital investment
  - Large indoor space requirements
  - Dust & house cleaning problems
  - Specialized labor

- **Storing Bales**
  - Large storage area or trailers
  - Labor to stack bales
  - Labor to load trailers

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**Why is the Komar EM Auger Corrugated Compactor a Green Solution?**

It eliminates environmental hazards, decreases the carbon footprint, reduces energy usage, as well as internal labor and hauling cost found in the traditional waste methods.

The EM Auger Compactor simply outperforms all traditional methods of handling corrugated boxes, flats and butt cores. Traditional methods utilizing hydraulics and rams, such as downstroke balers, horizontal balers, ram compactors, ram pre-crushers and shredders combined with ram compactors, all have inherent problems that are addressed by the Komar EM Auger Corrugated Compactor. The all electric-mechanical drive of the EM Auger Compactor eliminates the oily messes and environmental hazards associated with the hydraulics of traditional ram processing equipment. The continuous action of the EM Auger’s large pitched screw crushes, shreds and compacts with the highest compaction forces per square inch. This produces loads of up to 600 lbs. per cubic yard in a standard receiving container and outperforms any traditional ram compactor available. The EM Auger has a reduced physical footprint, minimizing the installation space needed while preserving large charge capacities.

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**Who needs a Komar EM Auger Corrugated Compactor?**

Anyone who generates volumes of corrugated or paper type materials which need to be handled and removed from their facility. Distribution Centers, Manufacturing Companies, Moving Companies, Furniture Outlets, Retail Stores, Grocery Stores, Super Outlet Centers, Prisons and Recycling Centers all benefit from the high compaction ratio produced by the EM AUGER.

---

**How does the Komar EM Auger work?**

The unique method of processing corrugated material in the EM Auger Compactor eliminates the air between the sections of corrugated. The EM Auger Compactor pulls the material down with its large pitch auger screw, pre-crushing and tearing the material as it is forced to the compression tube. At the exit end of the auger, the material is shredded as it enters and goes through the tube. The high compression force of the auger screw is intensified by the small surface area of the compression flight, which provides approximately 10 times the force of the conventional ram compactors.

Remember, the more abundant the air in your waste, the more containers the hauler has to transport and the more you pay.

---

**Who Benefits?**

- Distribution Centers
- Manufacturers
- Moving Companies
- Furniture Outlets
- Retail Stores
- Grocery Stores
- Super Outlet Centers
- Recycling Centers
- Prisons

---

**Don’t accept this traditional ram compactor 2 1/2 ton load as a full load WHEN**

An EM Auger Corrugated Compactor can provide a 9 1/2 ton full load as shown in this example

---

**GREEN MACHINE SOLUTION ELIMINATES**

- **Hydraulic Oil Spillage**
  - Eliminates the environmental hazards

- **Excessive Transportation**
  - Reduces the carbon footprint
  - Reduces hauling costs

- **Chute Jamming**
  - Eliminates repeated clearing of chute jams
  - Eliminates manual interfacing to keep ram compactors from bridging over

- **Wasted Motion**
  - Eliminates reciprocating rams found in traditional compactors & balers

- **Minimal Payloads**
  - Eliminates low container weights due to inefficient processing of material

- **Baler Problems**
  - Eliminates personnel safety issues
  - Eliminates material scattered on the floor
  - Eliminates cost of baling wire
  - Eliminates bale storage

---

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**FAX: (614) 836-9870**
LARGE ENCLOSURES

ENGINEERED FEED HOPPERS
for direct plant feed through the wall, with a negative air pressure system

FEED CHUTES

ENGINEERED ENCLOSURE
for conveyor feed & cart dumper

OPEN HOPPERS

PLUG-IN DOCK HOPPERS

SWING DOOR
with electric inter-lock for cart access & larger containers

FULL FLARED HOPPER
for dock or ground loading

MODEL EM-2-40-CF
60% faster, designed for high speed conveyor feed

MODEL EM-2-25-G
with standard 40 cu. yd. octagonal receiving container

MODEL EM-2-25-G
40%

Visit Komar on the World Wide Web: komarindustries.com
Or E-mail us at: info@komarindustries.com
# Specifications

## The Green Corrugated Solution

Since 1977

**Komar Industries, Inc.**

Various Sizes to fit Your Needs

Standard hopper shown;
Special hoppers designed to your application

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