



THE VIKING I hydro-auger

INDUSTRIAL SHREDDER AND/OR COMPACTOR

innovative waste processing systems

MATERIALS PROCESSED:

- Industrial Waste
- Product Destruction
- Small Cable Reels
- Oversized Pallets
- Wood Crates
- Corrugated Containers
- Fiber Butt Cores
- Packaging Materials
- Hardwood Pallets
- Furniture
- Fiberglass Products

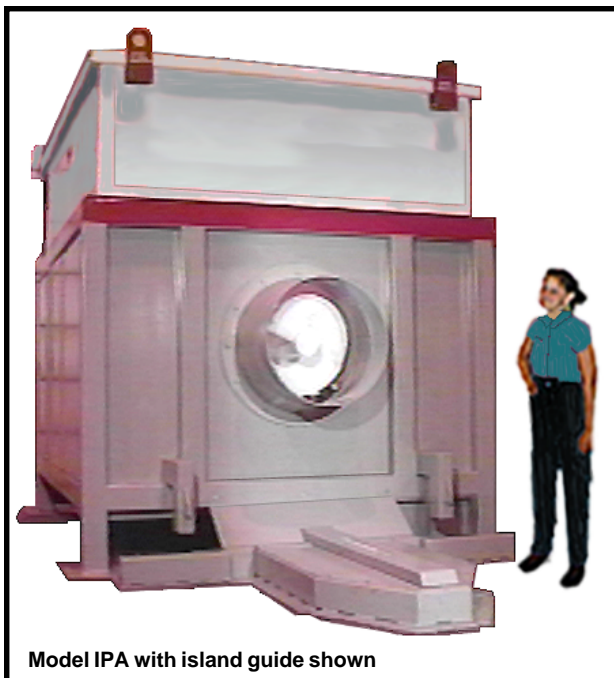
UTILIZED BY:

- Industrial Facilities
- Utility Companies
- Pallet Rebuilders
- Warehouses
- Waste Haulers
- Material Recovery Facilities
- One Shift Operation

FEATURES:

- Industrial grade construction; 12" tapered forged steel alloy shafts 1 1/2" cast flights
- Shredding and compacting capabilities in one highly efficient machine
- Large infeed hopper for bulk feeding from three sides
- Processed material discharges horizontally (literally "conveyed" from the machine)
- Unique design tolerant of tramp material
- Low-speed, high-torque, low-horsepower design
- Fully-enclosed, hydrostatic drive system for shock-resistant operation
- Programmable logic controller (PLC)
- "Cartridge" drive assembly for simplified maintenance
- Direct driven shafts - no gearbox

Optional accessories -- see reverse side



Model IPA with island guide shown

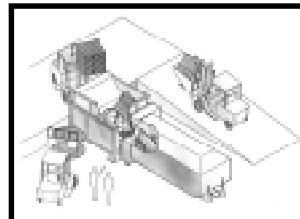
The KOMAR Viking I **reduces size and volume** of wastes utilizing the shredding and compaction action of a **high torque, low speed**, screw auger with **minimum noise**, dust and energy requirements in order to handle difficult materials with hydraulic, automatic anti-jamming action. Compacting directly into up to 40 cubic yard containers to legal limits or other configurations as needed.



Easy to maintain screw auger



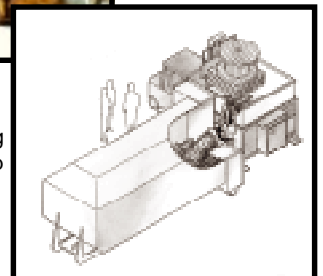
Optional Industrial Dumper
(1 cu yd to 6 cu yd)



Volume reduction of oversized bulky waste



Installation to fit your application



Shredding/compacting in one step

KOMAR INDUSTRIES, INC.

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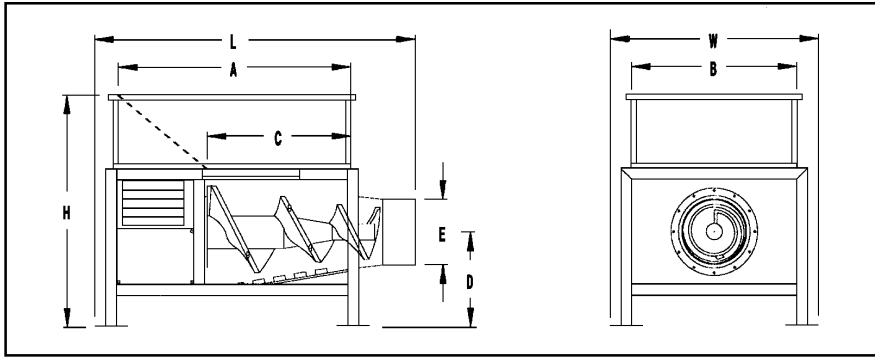
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U. S. and Foreign Patents Issued and Pending



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



- ### Optional Accessories
- Remote Console with Stand
 - Dust Suppression with System
 - Soft Start
 - Maintenance Contract
 - Container Dumpers 1 - 6 cu. yd.
 - Material Infeed/Outfeed Equipment
 - Matched Roll-off Container
 - Hydraulic Container Locking Device
 - Extended Controls for Upstream/Downstream Equipment

TECHNICAL DATA: LOW SPEED SINGLE HYDRO-AUGER			
MODEL	IDA - 7	IGA - 7	IPA - 7
Electric drive (hp)	30	50	100
Voltage	480 V/ 3 phase / 60 Hz	480 V/ 3 phase / 60 Hz	480 V/ 3 phase / 60 Hz
Hopper Opening (AB)	81" x 60"	94" x 70"	108" x 100"
Infeed Charge Opening (CB)	53" x 60"	62" x 70"	72" x 100"
RPM Auger	Variable to 20	Variable to 20	Variable to 20
Shaft	12" tapers to 6"	12" tapers to 6"	12" tapers to 6"
Screw Flights	34" x 18" x 1 1/2"	40" x 20" x 1 1/2"	52" x 24" x 1 1/2"
Auger Thrust	157,000 lbs.	169,000 lbs.	210,000 lbs.
Extrusion Tube Dia.	24"	24"	30"
Dimensions of Shredder (LWH)	119" x 60" x 96"	137" x 74" x 108"	165" x 100" x 123"
Weight of Shredder approx.	18,000 lbs.	32,500 lbs.	44,000 lbs.

Throughputs (per hour)**

55 Gallon Drums	30 - 100 Drums
In-Plant Waste	5,000 - 25,000 lbs.
Pallets	8,000 - 25,000 lbs.
Paper/ Cardboard	750 - 28,000 lbs.
Wood/ Dunnage	750 - 30,000 lbs.

**Throughput ratings are composite averages and vary with material density and type of unit used. Contact the factory for throughput ratings on specific materials.

Specifications subject to change.



Industrial Wood Waste Processed by IGA for 8 to 1 reduction



The IDA-7, large in stature but in a small envelope, ideal for inplant volume reduction.



IPA-7-100 Hp with 40 cu. yd. container (18,000 lbs. load)

Ken says, "My IPA-7-150 takes it all."



A 40 cu. yd. mates to this series for full legal loads



WASTEC
Waste Equipment
Technology Association

Komar Industries, Inc. custom engineers, manufactures, installs, and services complete waste processing systems for virtually all types of solid, semi-solid, hazardous, and non-hazardous materials and waste streams.

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Video Demonstrations
Available