



# THE HERCULEAN I hydro-auger

## HEAVY DUTY SHREDDER AND/OR COMPACTOR

*innovative waste processing systems*

### MATERIALS PROCESSED:

- Industrial Waste
- Municipal Waste
- Construction & Demolition Debris
- Railroad Ties/ Utility Poles
- Cable Reels
- Oversized & Hard wood Pallets
- Wood Crates
- Corrugated Containers
- Fiber Butt Cores
- White Goods/ Drums
- Baled Materials

### UTILIZED BY:

- Industrial Facilities
- Utility Companies
- Waste Management Facilities
- Material Recovery Operations
- Landfills
- Transfer Stations
- Construction & Demolition Operations

### FEATURES:

- Heavy duty construction; Tapered forged steel alloy shaft, 2 1/2" cast flights, 5" end flight
- "Cartridge" drive assembly for simplified maintenance
- Direct driven shafts - no gearbox
- High-torque, Low-speed Hydrostatic Drive with shock-resistant operation
- Anti-jam Device
- Programmable logic controller (PLC)
- Adjustable Run Time

Optional accessories -- see reverse side

**Komar** 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.



Easy to maintain screw auger



Model HSA-7



Model HPA Shown with Island Guide



HPA-7 Operating at Heavy Industrial Facility

The **KOMAR Herculean I** combines shredding and compaction in one highly efficient heavy-duty machine for reduction of difficult waste found in heavy industrial, municipal, construction and demolition operations. With a highly efficient hydrostatic driven screw auger, the Herculean I maintains a continuous feed without interruption for compacting into a 40 cubic yard container or transfer trailer.

## **KOMAR INDUSTRIES, INC.**

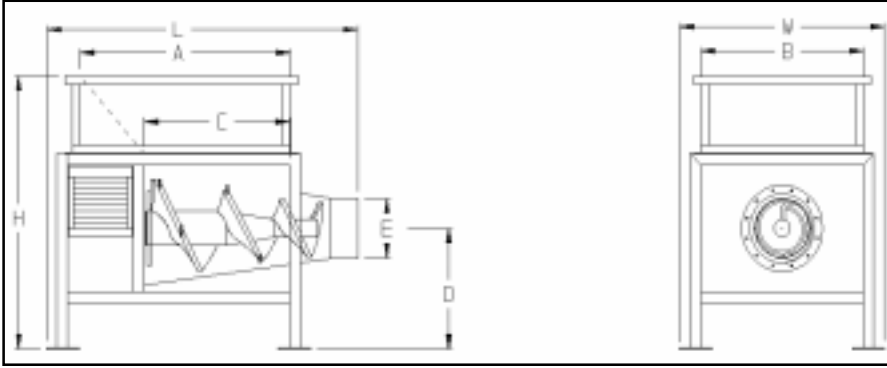
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Or E-mail us at: [info@komarindustries.com](mailto:info@komarindustries.com)



Throughputs (per hour)**	
55 Gallon Drums	60 - 100 Drums
Ferrous Light Gauge	2,500 - 30,000 lbs.
In-Plant Waste	5,000 - 25,000 lbs.
Pallets	8,000 - 25,000 lbs.
Paper/ Cardboard	750 - 28,000 lbs.
Wood/ Dunnage	750 - 35,000 lbs.
Railroad Ties	2,500 - 40,000 lbs.
Utility Poles	2,500 - 30,000 lbs.
C & D Debris	3,500 - 60,000 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.

TECHNICAL DATA: LOW SPEED SINGLE HYDRO-AUGER				
MODEL	HDA-7	HGA-7	HPA-7	HSA-7
Electric drive (hp)	75	150	200	300
Electrical (voltage 3 phase, 60 Hz.)	480V	480V	480V	480V
Hopper Opening (A x B)	80" x 60"	94" x 70"	108" x 100"	112" x 100"
Infeed Charge Opening (C x B)	52" x 60"	62" x 70"	72" x 100"	76" x 100"
RPM Auger	Variable to 18	Variable to 21	Variable to 24	Variable to 24
Shaft	12" tapers to 6"	16" tapers to 6"	16" tapers to 6"	16" tapers to 8"
Screw Flights Dia.	34" to 18"	40" to 22"	52" to 24"	60" to 30"
Auger Thrust	180,000 lbs.	215,500 lbs.	338,500 lbs.	420,500 lbs.
Extrusion Tube (E&D)	24"-42"	30"-46"	33"-53"	40"-53"
Dimensions of Shredder (LWH)	119" x 80" x 96"	138" x 90" x 108"	165" x 120" x 123"	165" x 120" x 141"
Weight of Shredder approx.	28,000 lbs.	38,000 lbs.	46,000 lbs.	58,000 lbs.

- ### Optional Accessories
- Support Stands
  - Design Hopper
  - Equipment side Pannels & Doors
  - Remote Console with Stand
  - Dust Suppression with System
  - Hydraulic Container Locking Device
  - Soft Start
  - Container Dumpers 1 - 6 cu. yd.

Specifications are subject to change.

### Video Demonstrations Available



Automotive plant transfer system



Construction & Demolition processing and transfer station



**WASTEC**  
Waste Equipment  
Technology Association

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