



THE HERCULEAN II hydro-auger

HEAVY DUTY VOLUME REDUCTION PROCESSOR

innovative waste processing systems

MATERIALS PROCESSED:

- Construction & Demolition Debris
- Railroad Ties
- Tree Stumps
- 55-Gallon Drums (empty or full)
- 300-Gallon Liquid Packs
- Utility Pole Cutoffs
- Baled Materials
- Product Destruction
- Cable Reels (up to 60")
- Oversized Pallets (up to 70")
- Wood Crates
- Corrugated Containers
- Fiber Butt Cores
- Packaging Materials
- Hardwood Pallets
- White Goods

UTILIZATION BY:

- Construction & Demolition Haulers
- Solid Waste (Municipal Solid Waste) Landfills & Transfer Stations
- Heavy Industrial Applications
- Pallet Rebuilders
- Material Recovery & Scrap Yards
- Energy Recovery Systems (Industrial, Utilities, etc.)
- Incineration Operations

FEATURES:

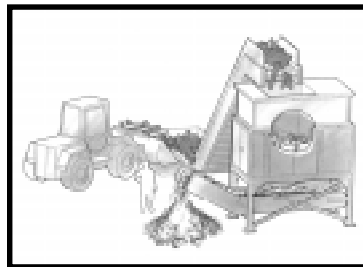
- Large infeed hopper for feeding from all sides
- Material discharge doors for controlled retention allow for varying piece size
- Hydrostatic Drive, variable-speed, high-torque, low-horsepower, shock-resistant operation
- Independent, direct driven dual augers counter-rotate
- Shafts vary in speed, torque and direction
- Heavy duty forged steel alloy shafts
- Fast auger changeouts
- Isolated sealed bearings
- Modular designed subcomponents
- Severe shock protection
- High-grade NEMA 4 electrical enclosures
- IEC electrical controls
- Programmable logic controller control

Optional accessories -- see reverse side



HGD-3-400 shown

The KOMAR Herculean II Hydro-Auger Processor providing primary shredding of industrial construction waste at the lowest on line operating cost of any volume reduction equipment. It operates at low speed with minimum noise, dust and energy requirements in order to handle high volume of difficult materials with high torque. The Herculean offers independent counter rotating dual augers for aggressive shredding.



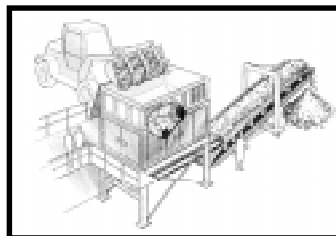
Easy to maintain screw augers



Doors allow for sizing and blending



Hydrostatic Power Unit

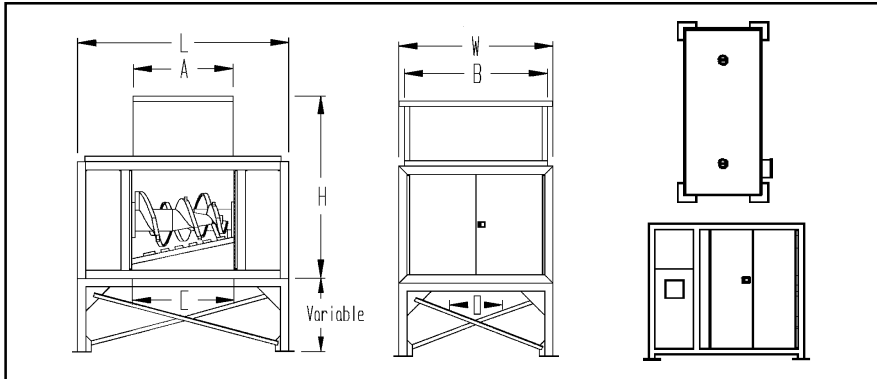


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U. S. and Foreign Patents Issued and Pending



- ### Optional Accessories
- Custom-Designed Support Stand
 - Service Platform w/Ladder
 - Dust Suppression System
 - Cold Weather Package
 - Material Infeed/ Outfeed Equipment
 - Standard or Custom-Built Hopper
 - Maintenance Contract
 - Diesel Drive
 - Soft Start

TECHNICAL DATA: LOW SPEED DUAL HYDRO-AUGER			
MODEL	HDD-3-200	HGD-3-400	HPD-3-400
Electric drive (hp)	2 - 100	2 - 200	2 - 200
Voltage	480 V/ 3 phase / 60 Hz	480 V/ 3 phase / 60 Hz Hz	480 V/ 3 phase / 60 Hz
Optional Stand	Variable	Variable	Variable
Charge Opening (A x B)	62" x 70"	72" x 100"	86" x 108"
Shafts	2 - 12" tapers to 6"	2 - 16" tapers to 6"	2 - 16" tapers to 6"
Auger Diameter	34" tapers to 20"	42" tapers to 20"	52" tapers to 24"
Auger Speed Range	Variable to 20 RPM	Variable to 20 RPM	Variable to 27 RPM
No. of Hydraulic Motors	4	4	4
Dimensions of Shredder (LWH)	100" x 86" x 89"	184" x 108" x 100"	212" x 112" x 139"
Weight (approx.)	41,000	60,000	84,000
Maximum Charge Capacity*	4 cu. yd.	6 cu. yd.	8 cu. yd.
HPU dimensions (LWH)	10'3" x 6' 9" x 9'6"	10'3" x 6' 9" x 9'6"	10'3" x 6' 9" x 9'6"

Throughputs (per hour)**

In-Plant Waste	20,500 - 60,000 lbs.
Pallets	20,000 - 80,000 lbs.
Wood Dunnage	25,000 - 80,000 lbs.
Municipal Solid Waste	20,000 - 80,000 lbs.
C & D Debris	25,000 - 100,000 lbs.
White Goods	15,000 - 60,000 lbs.
Fiber Butt Cores	14,000 - 50,000 lbs.
55-Gallon Drums (empty or full)	5,000 - 8,000 lbs.
300-Gallon Liquid Packs	4,000 - 45,000 lbs.
Utility Pole Cutoffs	22,000 - 60,000 lbs.
Railroad Ties	22,000 - 60,000 lbs.
Cable Reels (up to 60")	20,000 - 60,000 lbs.

***Estimates are a result of representative sample testing. Actual throughput rates may vary, dependent upon methods of feed and materials consistency. Throughputs are for reference only -- contact the factory for throughput ratings on specific materials.*

Specifications are subject to change. * Operational volumes will vary with materials and horsepower selection.



55-Gal. drum waste (empty or full)



White Goods



Finished White Goods



Wood Dunnage



Electrical Apparatus



Construction & Demolition Debris



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