



# THE GREAT WHITE HYDRO-SHEAR

## VOLUME REDUCTION WITH FEROCITY

*innovative waste processing systems*

### MATERIALS PROCESSED:

- Aluminum and Aluminum Magnesium Castings
- Wire
- Cable Spools
- Drums
- Copper Scrap
- Pallets - Wooden Crates, Wood Waste
- Tires/ Rubber Products
- Plastics - Drools, Flashings, Purgings, Chunks
- PVC Pipe & Tubes
- Tree Waste
- Industrial Waste
- Furniture, Mattresses
- Construction & Demolition Debris
- Battery Processing, PCB Capacitors
- Product Destruction
- Cloth (Canvas, Rags, Clothing)
- Corrugated Cardboard

### UTILIZATION BY:

- In-Plant Waste
- Energy Recovery Systems (Industrial, Utilities, etc.)
- Solid Waste (Municipal Solid Waste) Landfills & Transfer Stations
- Waste Management Facilities
- Material Recovery & Scrap Yards
- Incineration Operations
- Hazardous and Low Level Radioactive Facilities

### FEATURES:

- Isolated Sealed Bearings
- Direct Driven Shafts - No Gearbox
- Hydrostatic Drive
- High Torque/ Low Speed Design
- Independent Shaft Operation (Independently Vary Speed, Torque and Direction)
- Heavy Duty Forged Steel Alloy Shafts
- Rapid Blade Changeout
- Modular Designed Subcomponents
- Standard and High Strength Alloy Steel Cutters
- Fixed or Replaceable Tips
- Severe Shock Protection
- High-Grade NEMA 4 Electrical Enclosures
- IEC Electrical Controls
- Programmable Logic Controller Control

Optional accessories & additional equipment--see reverse side



Model 7248-HSS 400 HP shown with bearing drive guards removed.



Independent Shaft Drive

Patented Easy Removable Cutter Cartridge



Special Cutter Arrangements

*The KOMAR Great White takes a Big Bite out of your waste providing primary and secondary shredding on a continuous basis utilizing the shredding action of high torque, independent shaft operation of counter rotating cutter disks in a variety of tooth patterns and sizes. It is designed to handle high volumes of difficult materials utilizing a highly efficient high-torque, low-speed hydrostatic drive with automatic anti-jamming.*



Protected Bearings



Hydrostatic Power Unit

## KOMAR INDUSTRIES, INC.

4425 Marketing Place  
Groveport, Ohio 43125

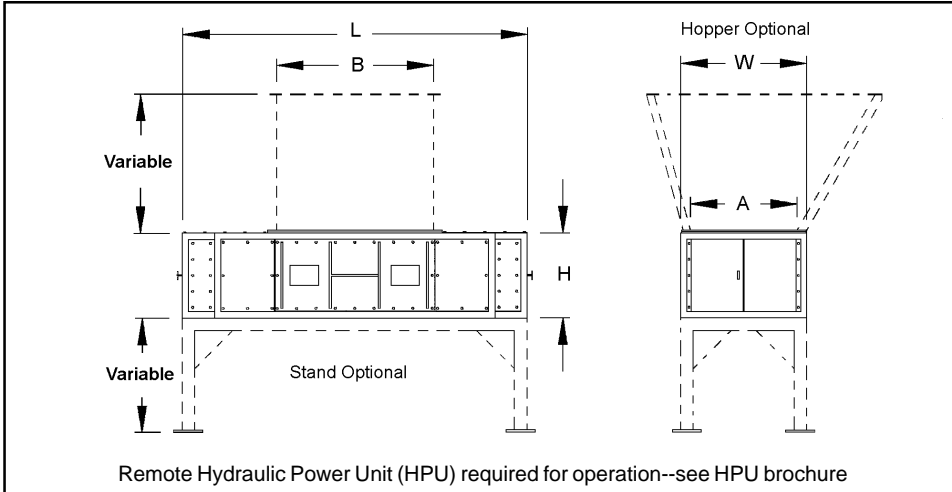
TEL: (614) 836-2366

FAX: (614) 836-9870

U. S. and Foreign Patents Issued and Pending



Visit Komar on the World Wide Web: [komarindustries.com](http://komarindustries.com)  
Or E-mail us at: [info@komarindustries.com](mailto:info@komarindustries.com)



- ### Optional Accessories
- Custom-Designed Support Stand & Hoppers
  - Service Platforms w/Ladder
  - Remote Control Console w/Stand
  - Soft Start
  - Power Feed Rollers
  - Hydraulic Infeed Hopper Ram
  - Material Infeed/Outfeed Equipment (Dumpers, Conveyors, Grapples)
  - Standard or Custom-Built Hopper
  - Maintenance Contract
  - Diesel Drive
  - Support Stand

TECHNICAL DATA: LOW SPEED HYDRO-SHEAR HS & HSS MODELS				
MODEL	4032-HS	4840-HS	6040-HS	7248-HS
Electric drive (hp)	100	100	1 - 75/ 100/ 200	1 - 200
Voltage	480 V/ 60 Hz	480 V/ 60 Hz	480 V/ 60 Hz	480 V/ 60 Hz
Infeed Charge Opening (B x A)	40" x 32"	48" x 40"	60" x 40"	72" x 48"
Hexagonal Shaft	6"	6"	6"	9"
RPM	Variable - 20	Variable - 18	Variable - 24	Variable - 24
Number of Hyd. Motors	2	2	2	2
Dim. of Shredder (LWH)	133" x 48" x 40"	141" x 54" x 46"	153" x 54" x 46"	165" x 61" x 48"
Weight of Shredder*** lbs.	12,600	16,500	18,500	36,500
MODEL	4848-HSS	6048-HSS	7248-HSS	10048-HSS
Electric drive (hp)	2 - 100	2 - 200	2 - 200	2-300
Voltage	480 V/ 60 Hz	480 V/ 60 Hz	480 V/ 60 Hz	480 V/ 60 Hz
Infeed Charge Opening (B x A)	48" x 48"	60" x 48"	72" x 48"	100" x 64"
Hexagon Shaft	9"	9"	9"	12"
RPM	Variable - 24	Variable - 24	Variable - 24	Variable - 24
Number of Hyd. Motors	4	4	4	4
Dim. of Shredder (LWH)	141" x 61" x 48"	153" x 61" x 48"	165" x 61" x 48"	193" x 61" x 48"
Weight of Shredder*** lbs.	33,750	36,250	39,250	45,250

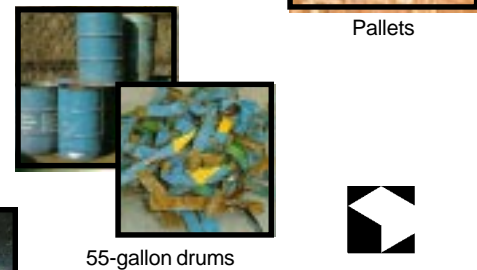
### Throughputs (per hour)\*\*

• Aluminum Scrap	2,500 - 30,000 lbs.
• Copper Wire/ACSR	2,500 - 30,000 lbs.
• 55 Gallon Drums	30 - 120 drums
• Ferrous Light Gauge	2,500 - 40,000 lbs.
• Foam Rubber	1,600 - 13,000 lbs.
• In-Plant Waste	3,500 - 60,000 lbs.
• Pallets	1,500 - 35,000 lbs.
• Paper/Cardboard	1,550 - 35,000 lbs.
• Pharmaceuticals	1,000 - 15,000 lbs.
• Plastic	2,400 - 26,000 lbs.
• Municipal Solid Waste	2,500 - 100,000 lbs.
• Passenger Tires	15,000 - 225,000 lbs.
• Wood/Dunnage	2,550 - 35,000 lbs.

*\*\*Estimates are a result of representative sample testing. Actual throughput rates may vary, dependent upon methods of feed and materials consistency.*

\*Specifications are subject to change.

\*\*\*Base weight less Hydraulic Power Unit



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.

Call or write: **KOMAR INDUSTRIES, INC.**  
4425 Marketing Place  
Groveport, OH 43125

Tel: 614 - 836 - 2366  
Fax: 614 - 836 - 9870  
International Calling Code for United States is 1

Video Demonstrations Available