



# THE TIGER4™ HYDRO-QUAD

## SINGLE STEP SIZE REDUCTION

*innovative waste processing systems*

### MATERIALS PROCESSED:

- Product Destruction
- General Volume and Reduction
- Plant Cover and Land Mulch
- Medical Waste
- Personal Protective Equipment
- Metal Turnings
- Scrap/ Trim
- Pails/ Buckets
- PVC Pipe & Tubes
- Glass-Fiber Materials
- Plastics
- PC-Housings
- Computers and TV Sets
- Woven Products
- Aluminum and Tin Cans
- Metal Shavings
- Reprocessed Rubber Parts

### UTILIZATION BY:

- Industrial Applications
- Hospitals
- Electronic Manufacturing
- Pallet Producers
- Furniture Manufacturers
- Financial Institutions
- Energy Recovery Systems
- Recovery Facilities
- Plastics Product Manufacturing
- Fiber Glass Manufacturing
- Warehouse
- Tire Reduction Systems
- Magazine Distributors

Optional accessories -- see reverse side

### FEATURES:

- Four shaft shear
- Quick change screen system for different granulate sizes
- Hydro-mechanical operation
- Counter-rotating, anti-jam drive
- High-strength hexagon, steel alloy shafts
- Proprietary bearings & stack tightener
- Precision line-bored shaft/gear alignment
- Torsion construction, heavy plate frame
- Replaceable cutters and spacers
- Severe shock protection
- High-grade NEMA four electrical enclosures
- IEC electrical controls



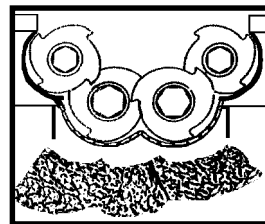
The KOMAR TIGER 4 Hydro-Quad's design automatically compensates speed and torque for varied densities of materials. This PLC controlled hydraulic powered machine, unlike other electro-mechanical machines, offers variable speed capability with constant horsepower control.

The Rollout system permits quick and easy removal of outlet screen to clean and change particle size.



Standard screen size: 1.5"  
Option screen sizes available:  
.5", .75", 1", 2"

30" x 40" infeed opening with four hexagon shafts Tiger with rollout grid.



Size control is built into the Tiger 4



One to Six Tooth Precision Cutters



Infeed Hopper Ram

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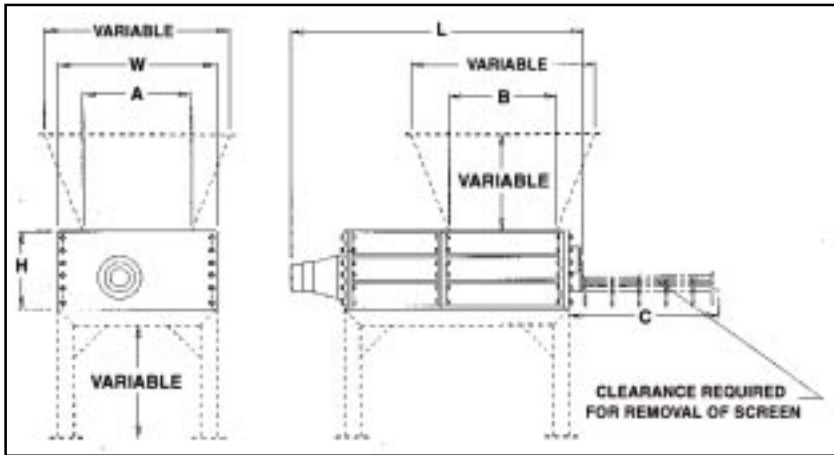
FAX: (614) 836-9870

U. S. and Foreign Patents Pending



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



- ### Optional Accessories
- Screen: .5", .75", 1", 2"
  - Upgrade Material (Stainless Steel)
  - Custom Support Stands
  - Custom Feed Hopper
  - Cold Weather Package
  - High Strength Alloy Steel Blades

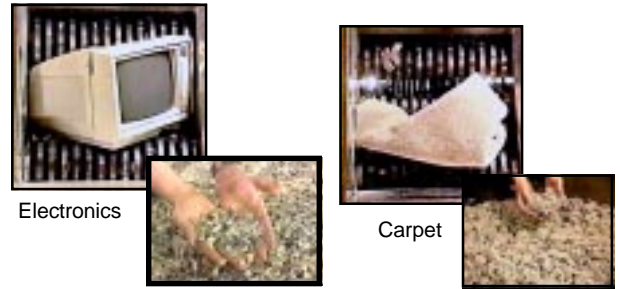
TECHNICAL DATA				
MODEL	HQ3040	HQ4040	HQ5040	HQ6040
Total Horsepower	100 HP	150 HP	150 HP	200 HP
Power Requirement	460/3/60	460/3/60	460/3/60	460/3/60
Charge Opening (A x B)	30" x 40"	40" x 40"	50" x 40"	60" x 40"
Shafts	8"	8"	8"	8"
Std. Screen Roll Hole	2 1/4"	2 1/4"	2 1/4"	2 1/4"
Gross Weight (approx. lbs.)	14,000	18,000	25,000	40,000
Shredder Head Dimen. (LWH)	114" x 54" x 30"	124" x 54" x 30"	134" x 54" x 30"	144" x 54" x 30"
Screen Clearance (C)	36"	48"	60"	78"

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

Paper	2,000 - 12,000 lbs.
Tires	1,000 - 10,000 lbs.
Plastic	1,800 - 10,000 lbs.
Aluminum	1,000 - 8,500 lbs.
PVC	1,800 - 9,500 lbs.
Med. Waste	1,000 - 5,500 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.

### Product Destruction

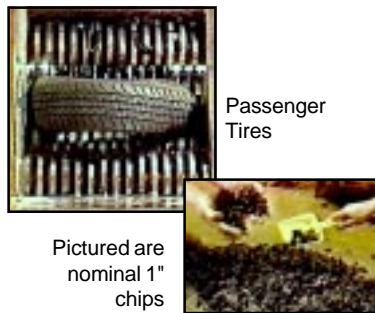


Electronics

Carpet

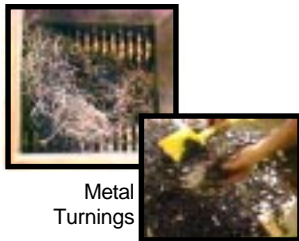


Medical Waste



Passenger Tires

Pictured are nominal 1" chips



Metal Turnings

Reduce your volume for higher scrap price and easier handling

### Tires Produce:

- High Energy Fuel
- Playground Cover
- Rock Substitute
- Roadway Filler



Confidential Document Destruction

Books & Paper



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