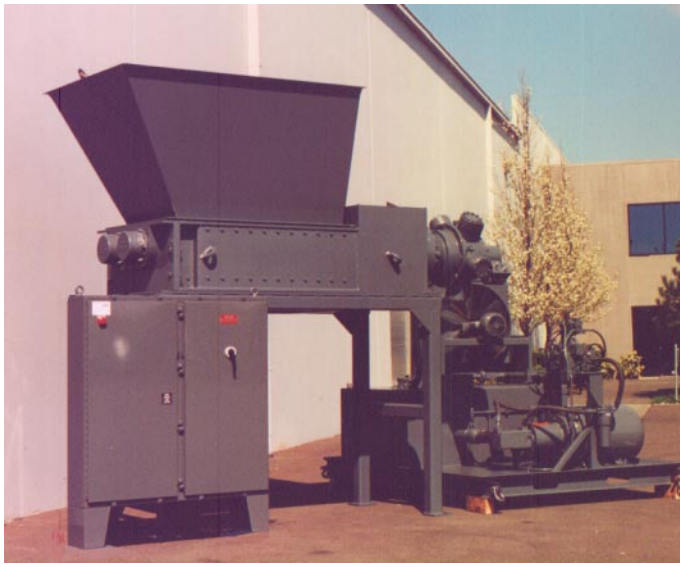
ELECTRIC & HYDRAULIC SHREDDERS

SSI SERIES 40

*SSI offers its **Series 40** shredders to process materials including:*

- ***Mixed Waste***
- ***Passenger and Truck Tires***
- ***Steel Drums***
- ***Plastics (Purgings and Film)***
- ***Wood / Pallets***
- ***Fibers / Textiles / Foam***
- ***Demolition Waste***
- ***Baled and Bulky Materials***
- ***Paper / Cardboard***
- ***Organic Waste***
- ***Metals***
- ***and more…***



ELECTRIC OR HYDRAULIC

Series 40 shredders are available in both electric and hydraulic versions to meet your specific processing requirements. Factors to consider include:

Electric drive when processing:

- Sorted, uniform materials.
- Conveyor fed or metered materials.
- Materials containing limited non-shreddables.

Hydraulic drive when processing:

- Mixed or unsorted materials.
- Batch fed materials.
- Materials containing non-shreddables.
- Materials requiring enhanced particle size or throughput control.
- Installations requiring optional reduced voltage starting.



SSI ADVANTAGES

High-torque, slow-speed design
Delivers multipurpose shredding with greater on-line reliability and lower maintenance requirements than other technologies.

Direct drive motor
Provides improved efficiency and reliability. Alternate speed and torque combinations available.

Shock load protection feature
Protects shredder and drive components. Electric version offers patented SSP - Severe Shock Protection™ controlled torque coupling. Hydraulic version utilizes multiple relief valves.

Auto reversal feature
Protects against overfeeding and damage by non-shreddables.

Patented ACLS - Advanced Cutter Locking System™
Eliminates daily requirement to tighten cutter stack while improving shredder performance and cutter life.

Proprietary bearing protection
Isolates bearings from cutting chamber contamination and protects against bearing failure.

Convertible drive
Versatile design accommodates electric or hydraulic drive. Optional conversion package available.

SSI Shredding Systems, Inc.

9760 SW Freeman Drive
Wilsonville, OR 97070-9286 USA
Phone: 503-682-3633 Fax: 503-682-1704
www.ssiworld.com

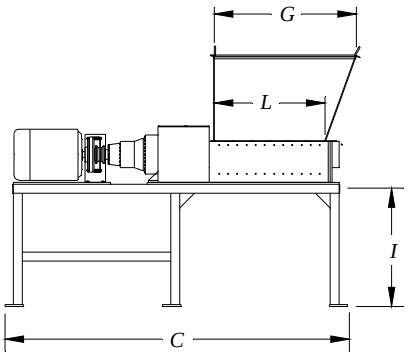
Excellence in size reduction technology

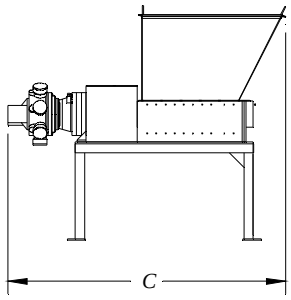
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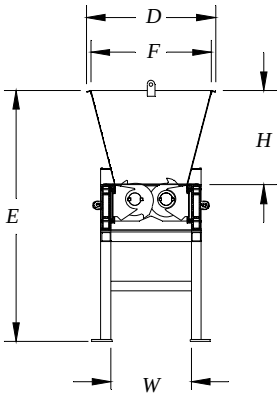
SSI SERIES 40

Standard Cutting Chamber (W x L) **40" x 60" (1015mm x 1525mm)**
Optional lengths available *52" (1325mm)*









SHREDDER	MODEL 40E	MODEL 40H
Drive	Electric	Hydraulic
Number of Electric Motors	One	One (HPU)
HP	200 HP (150kW)	200 HP (150kW)
HP Range	150-200 HP (113-150kW)	150-200 HP (113-150kW)
Voltage	460/3/60	460/3/60
Voltage Options	Many - Consult Factory	Many - Consult Factory
Autochop Feature	N/A	Included
Shock Load Protection	Yes (SSP™)	Yes (Multiple Relief)
Cutter Thickness (nominal)	2" (50mm)	2" (50mm)
Cutter Diameter	21" (535mm)	21" (535mm)
Cutter Material	4140 HT	4140 HT
Shaft Diameter	6.4" (162mm)	6.4" (162mm)
Cutting Chamber (WxL)*	40" x 60" (1015mm x 1525mm)	40" x 60" (1015mm x 1525mm)
Machine Length (C)*	201" (5100mm)	160" (4075mm)
Machine Width (D)	64" (1625mm)	64" (1625mm)
Machine Height (E)	127" (3225mm)	127" (3225mm)
Machine Weight	24,000 lbs (10,800 kg)	23,000 lbs (10,400 kg)
Hopper Opening (FxG)*	60" x 84" (1525mm x 2135mm)	60" x 84" (1525mm x 2135mm)
Hopper Height (H)	47" (1200mm)	47" (1200mm)
Stand Height (I)	48" (1225mm)	48" (1225mm)
HPU Configuration	N/A	Open Loop
HPU Dimensions	N/A	11' x 7.5' x 7.5' (3.4m x 2.3m x 2.3m)
HPU Weight	N/A	7,500 lbs (3,400 kg)

Motor starting and protection devices are mounted in a single NEMA 4 enclosure. PLC and operator interface are mounted in a second NEMA 4 enclosure.

** Dimensions apply to Model 40 with standard 60" (1525mm) cutting chamber length. For 52" (1325mm) length option, subtract 8" (200mm).*

SSI offers a full range of energy-efficient electric and hydraulic shredders as well as custom units to meet all processing requirements.

Standard Cutter Profiles



Note: Illustrations, specifications and descriptions presented reflect standard product at time of publication and are subject to change without notice. Dimensions are approximate. Photographs may include optional equipment and accessories. SSI offers compactors, balers, granulators, conveyors and classifiers as well as specialized motors, stands, hoppers, and mobile configurations. Consult factory to discuss your processing needs.

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