

WHAT **NEEDS** SHREDDING?®

The SSI PRI-MAX® primary reducer is a heavy-duty machine built to reduce the volume of bulky materials. The PRI-MAX® can be incorporated in a system as a primary shredder, or used as a standalone machine. The cutter profiles and open cutting table design allow the PRI-MAX® to achieve processing rates of up to 150 tons per hour. SSI's PRI-MAX® product line has the most comprehensive range of multi-material reducers in the world.



PRI-MAX®

by **SSI**



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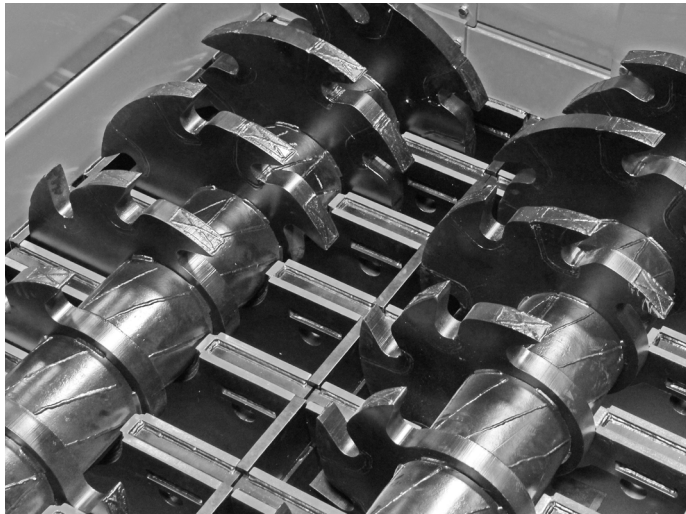
PRIMARY REDUCER



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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.



PRI-MAX® cutting chamber



Chunk particle sizing - output from a PRI-MAX®

BREAK, CRUSH, TEAR, REDUCE

SSI's PRI-MAX® two-shaft primary reducers are commonly employed in volume reduction or pre-shredding applications with a wide range of commingled materials, including unsorted waste. Ideal for primary liberation of materials, PRI-MAX® machines output larger, recognizable items well-suited for feeding a sort line or other recovery process so that “non-shreddables” or marketable commodities can be removed prior to further processing. PRI-MAX® can also be configured as a bale-breaker or bag breaker.

WHY PRI-MAX®?

- Variable speed drive for widest processing range.
- High performance mode provides maximum throughput
- Independent, bi-directional shaft rotation provides forward and reverse shredding
- Heavy duty, open-grate cutting table
- Low-speed benefits—low noise, low dust, low heat generation, low operation and maintenance costs
- Advanced Programmable Logic Controller (PLC) constantly monitors the systems

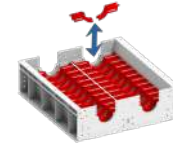
PR4200



HYDRAULIC DRIVE 1
OFFERS MAXIMUM DRIVE TRAIN PROTECTION, QUICK REVERSALS AND HIGH VERSATILITY IN TOUGH APPLICATIONS



ALWAYS PROCESSING 2
AGGRESSIVE CUTTERS GRAB, PIERCE & BREAK MATERIAL WHILE PROCESSING IN BOTH FORWARD & REVERSE, CUTTER CAN BE HARD FACED & INDIVIDUALLY REPLACEABLE



PATENTED “CARTRIDGE” TABLE DESIGN 3
ALLOWS THE ENTIRE ASSEMBLY TO BE REPLACED WITHOUT THE NEED TO REMOVE THE DRIVE GROUP, BEARINGS OR HYDRAULIC CONNECTIONS



PATENTED STACKABLE SHAFT 4

REMOVABLE SHAFTS ARE REUSABLE AND CONFIGURABLE WEAR PARTS CAN BE REPLACED WHEN NEEDED



HOPPERS 5
APPLICATION-SPECIFIC FEED HOPPERS AVAILABLE



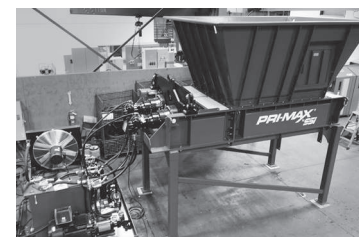
MULTIPLE OUTPUT SIZE OPTIONS 6
ABLE TO SHRED A WIDE VARIETY OF MATERIAL TO THE SPECIFICATIONS YOU NEED



MAINTENANCE & SAFETY OPTIONS 7
PROTECT PEOPLE & EQUIPMENT SUCH AS THE HYDRAULIC POWER UNIT FROM FALLING DEBRIS

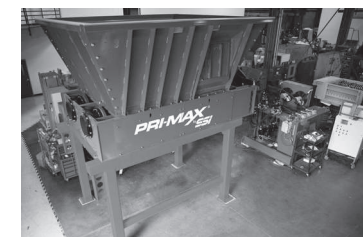


Model PR4400



PR2200

Infeed opening (W x L)	95" x 125" (2423 mm x 3193mm)
Active cutting zone (W x L)	61" x 83" (1549 x 2100mm)
HP	200 (149kW)
Production rate	10 - 40 TPH



PR4200

Infeed opening (W x L)	119" x 134" (3022 mm x 3403mm)
Active cutting zone (W x L)	76" x 96" (1918 x 2438mm)
HP	200-300 (149-224kW)
Production rate	20 - 50 TPH



PR4400

Infeed opening (W x L)	119" x 134" (3022 x 3403mm)
Active cutting zone (W x L)	76½" x 95½" (1940 x 2425mm)
HP	400 (298kW)
Production rate	20 - 80 TPH



PR6600

Infeed opening (W x L)	135" x 168" (3429 x 4267mm)
Active cutting zone (W x L)	92½" x 130" (2,350 x 3,300mm)
HP range	400 - 500 (298 - 373kW)
Production rate	60 - 150 TPH