

Reliability

Day in, day out performance



Scanhugger

The HL series of single shaft shredders is the product of more than 25 years of experience in developing and manufacturing machinery related to wood waste reduction and utilization.

Scanhugger equipment has been installed and serviced in woodworking plants all over the world.

The single shaft shredder is unique in its' capability of processing a wide range of materials: solid wood, particle-board, MDF, plywood, cardboard, paper and pallets.

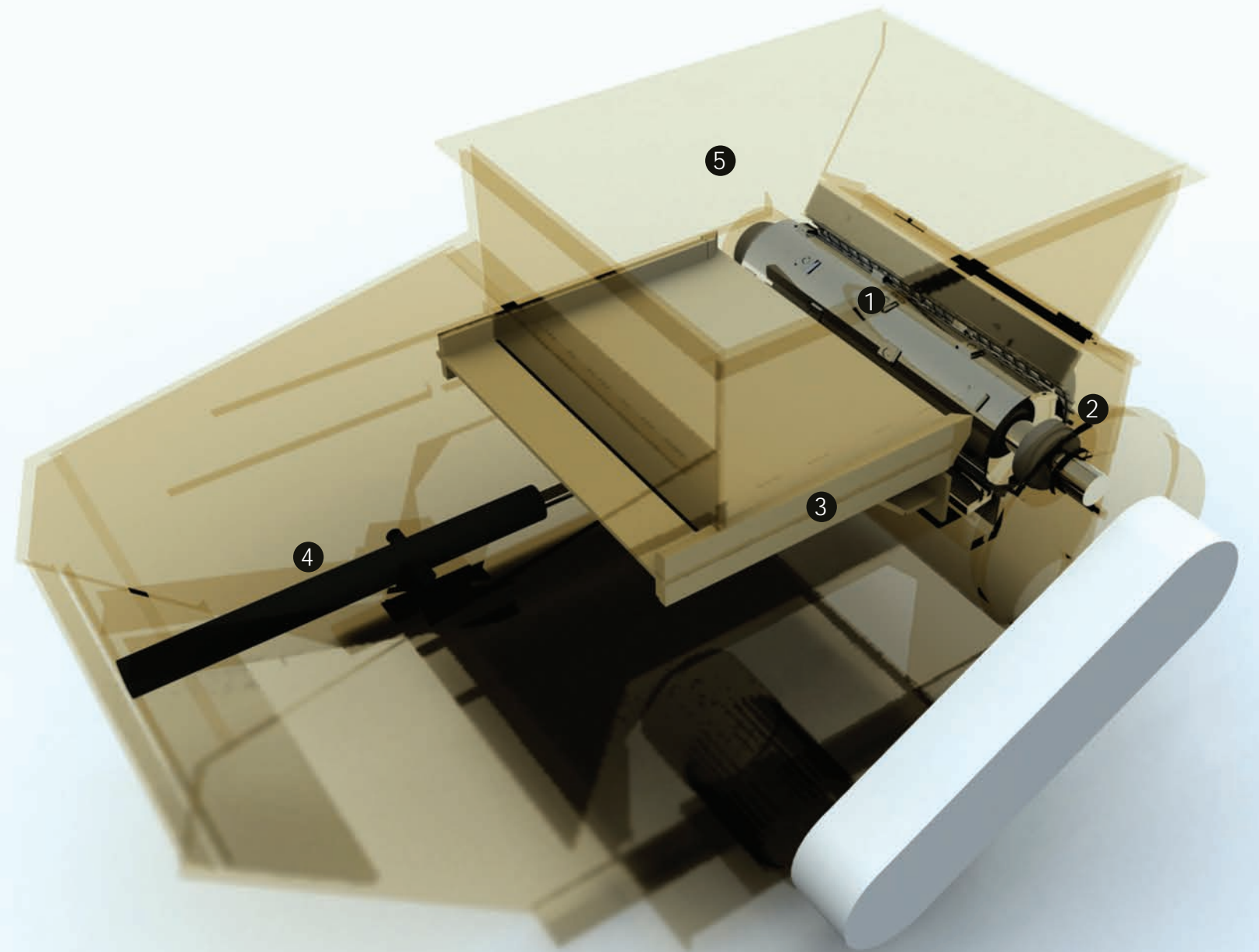
The Scanhugger HL line-up, coupled with a full range of options and auxiliary equipment enables Scanhugger to build turnkey wood waste utilization systems. The range of Scanhugger auxiliary equipment includes:

Pneumatic discharge systems

Chip conveyor and auger discharge systems

Metal detection and metal separation systems

Wood scrap conveyors and specially designed auxiliary hoppers



[1] **Rotor/knife:** Our unique knife design and precision mounting arrangement ensure long tool life, optimal chip quality, and easy maintenance. Our exclusive machined chip pocket in front of each knife position allows for chips to clear out of the cut, thereby maximizing the cutting action and the output of the chips.

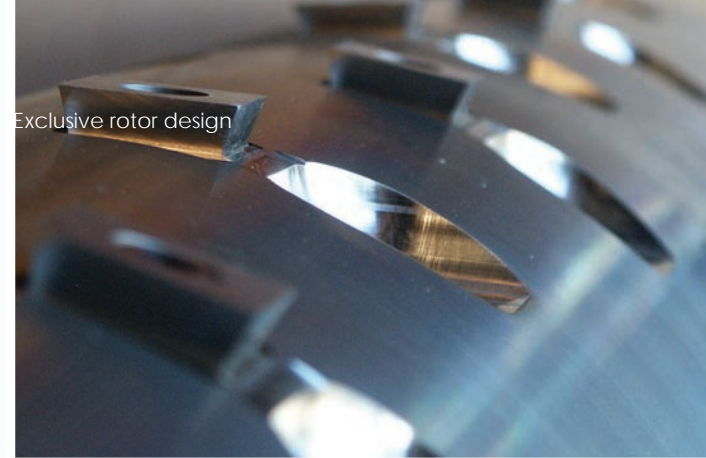
[2] **Screen:** Chip size is determined using a heavy duty chip screen with square holes. Hole sizes range from 10 - 50 mm.

[3] **Guides/cylinder:** The hydraulic cylinder(s) control the ram speed, as well as the ram action, such as, pausing, stopping and reversing, and moving forward. The ram guide system features reversible phenolic guides for day in, day out, long wearing dependability, and smooth ram operation.

[4] **Controls/ hydraulic:** A Scanhugger PLC controls the unique "Smart Ram" system. This system controls the ram action and ram speed based on the main motor load, as well as the material being shredded. The "Smart Ram" eliminates overloading the main motor, thereby maximizing the cutting action and the output of the chips.

[5] The rugged, heavy duty main frame and rotor, along with the chrome nickel shaft and oversized roller bearings, are engineered to accommodate the heavy shock loads typical of shredders.

Exclusive rotor design



Eight models offered to match your needs:

HL 2/5/5

Hopper dimension: 20"-24"
 Hopper volume: 0.4 cu yd
 Rotor diameter: Ø 5.5"
 Motor: 10HP
 Capacity: 175-300 lbs. per hr



HL 2/7/10

Hopper dimension: 28"-40"
 Hopper volume: 0.75cu yd
 Rotor diameter: Ø 5.5"
 Motor: 10-15HP
 Capacity: 300-600 lbs. per hr



HL 3/8/10

Hopper dimension: 33"-40"
 Hopper volume: 1 cu yd
 Rotor diameter: Ø 10"
 Motor: 20-25 HP
 Capacity: 300-1,000 lbs. per hr



HL 3/10/10

Hopper dimension: 40"-40"
 Hopper volume: 1.3 cu yd
 Rotor diameter: Ø 10"
 Motor: 20-30 HP
 Capacity: 400-1,500 lbs. per hr



HL 3/12/12

Hopper dimension: 50"-48"
 Hopper volume: 2cu yd
 Rotor diameter: Ø 10"
 Motor: 30-40 HP
 Capacity: 500-2,000 lbs. per hr



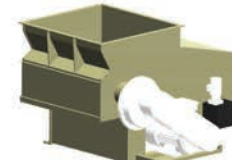
HL 3/12/16

Hopper dimension: 50"-63"
 Hopper volume: 2.6 cu yd
 Rotor diameter: Ø10"
 Motor: 30-40 HP
 Capacity: 500-2,000lbs. per hr



HL 4/14/13

Hopper dimension: 54"-54"
 Hopper volume: 2 cu yd
 Rotor diameter: Ø 14.5"
 Motor: 50-100 HP
 Capacity: 800-4,000 lbs. per hr



HL 4/18/20

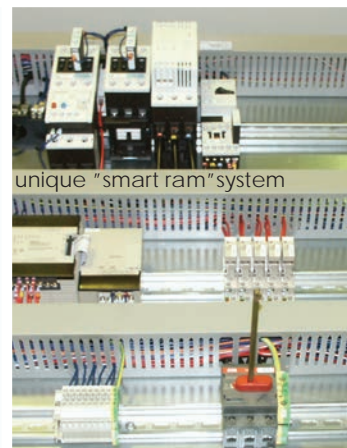
Hopper dimension: 72"-78"
 Hopper volume: 5.2 cu yd
 Rotor diameter: Ø 14.5"
 Motor: 75-125 HP
 Capacity: 3,000-15,000 lbs. per hr



4 x reversible knives



heavy duty screen



unique "smart ram" system



ram guide system



reversible counterknife



SCANHUGGER is the ideal choice for wood waste utilization systems

distributed by :

HL Series Single Shaft Shredders
 Quality in a class of its own



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