

Distributor

HL-series of industrial single shaft shredders are the result of over 40 years of experience in developing and manufacturing waste reduction and utilization equipment.

100%
Danish Quality

100%
Custom made
solution

40+
Years of know-how
and experience

www.scanhugger.com
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+45 97343111

Smedevej 7
7430 Ikast
Denmark



HL 2/7/10

Rotor diameter Ø 140 mm
Motor 7.5 - 11 kW
Capacity 130 - 200 kg/hour

HL 3/10/10

Rotor diameter Ø 240 mm
Motor 15 - 22 kW
Capacity 200 - 760 kg/hour

HL 3/10/16

Rotor diameter Ø 240 mm
Motor 15 - 22 kW
Capacity 200 - 760 kg/hour

HL 3/12/12

Rotor diameter Ø 240 mm
Motor 18.5 - 32 kW
Capacity 200 - 850 kg/hour

HL 3/12/16

Rotor diameter Ø 240 mm
Motor 18.5 - 32 kW
Capacity 200 - 850 kg/hour

HL 4/14/13

Rotor diameter Ø 370 mm
Motor 37 - 75 kW
Capacity 500 - 3000 kg/hour

HL 4/18/20

Rotor diameter Ø 370 mm
Motor 55 - 90 kW
Capacity 1500 - 7500 kg/hour

HL 4/18/30

Rotor diameter Ø 370 mm
Motor 55 - 90 kW
Capacity 1500 - 10000 kg/hour

HL 5/22/25

Rotor diameter Ø 450 mm
Motor 90 - 110 kW
Capacity 2000 - 12000 kg/hour

Scanhugger is the top choice for
waste utilization systems

The capacity depends on different factors like:
Density and humidity of the material, load factor, size of
the material, motor size, size of screen holes etc.

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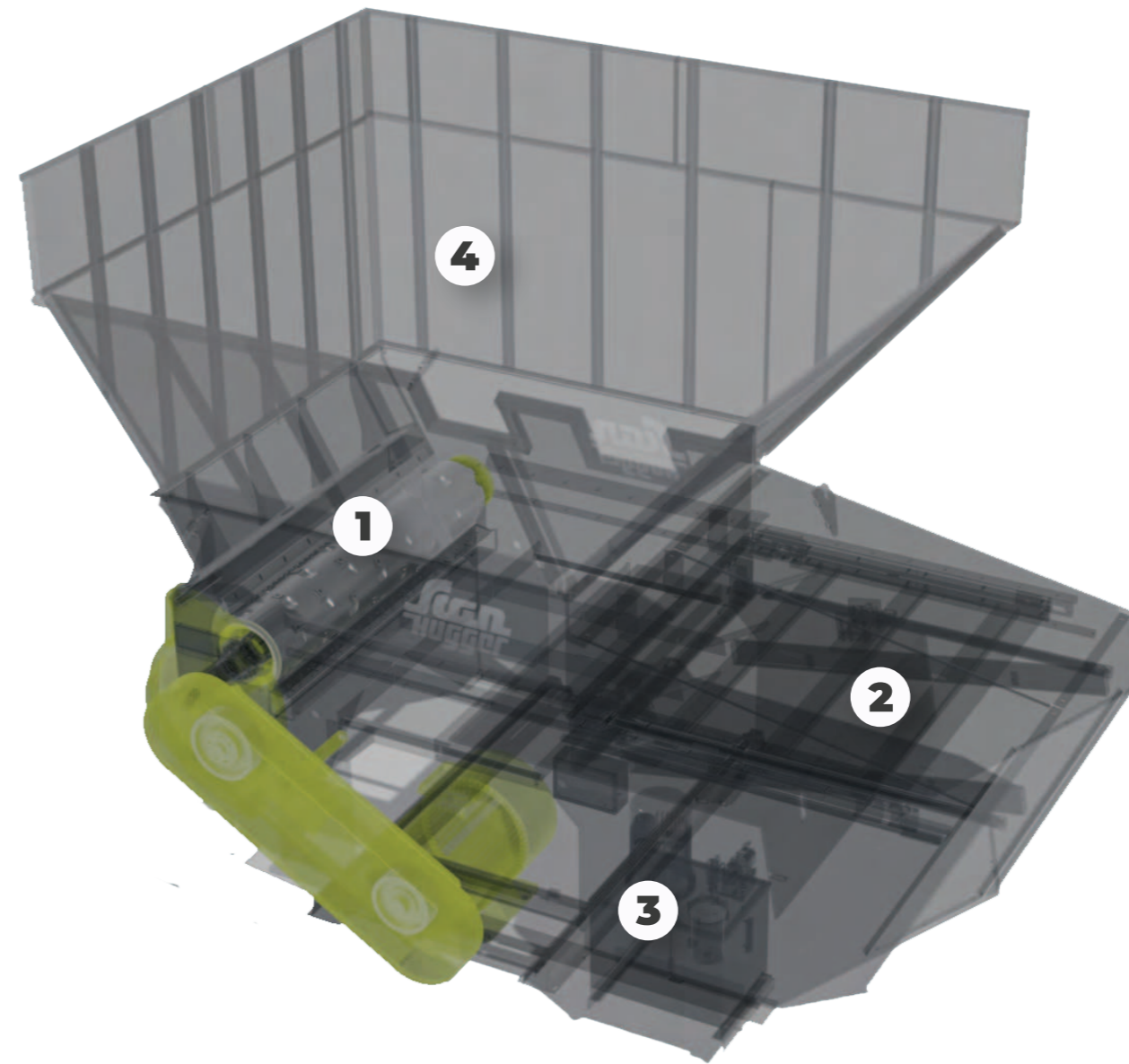
**Scan
HUGGER**



HL Series
Single Shaft Shredders

—
THE DANISH QUALITY
SHREDDING TECHNOLOGY

Danish quality
shredding
technology



HL Series

Single Shaft Shredders

The HL single shaft shredder is unique in its capability of processing a wide range of materials, such as solid wood, particleboard, MDF, plywood, cardboard, paper, and pallets.

The Scanhugger HL line-up, coupled with a full range of options and auxiliary equipment enables us to build turnkey waste utilization systems, chip conveyor and auger discharge systems, metal detection and separation systems, wood scrap conveyors and specially designed auxiliary hoppers

1 ROTER / KNIVES

Our unique knife design and precision mounting extends tool life, improves chip quality, and simplifies maintenance. Our patented (or exclusive) machined chip pocket in front of each knife position efficiently removes chips from the cut, maximizing the cutting action and chip output.

2 GUIDES / CYLINDERS

Hydraulic cylinders control the speed and action of the ram, including pausing, stopping, reversing, and moving forward. The ram guide system features reversible phenolic guides for long-lasting durability and smooth operation.

3 CONTROLS / HYDRAULIC

A Scanhugger PLC controls the unique Smart Ram system, which is powered by a hydraulic ram and power-pack. When the Smart Ram reaches its forward position, it retracts to the back and starts the cycle over again. The amperage load control system is constantly monitored to ensure consistent rotor speed.

4 WASTE SHREDDER

The robust main frame, heavy-duty rotor, chrome nickel shaft, and oversized roller bearings are engineered to withstand the heavy shock loads common in shredders.

Distributor

The HT-Series of drum chippers combine the robust design and ingenuity of 40 years of Danish engineering providing continuous waste reduction to maximise recovery.

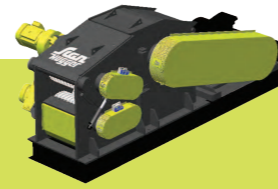
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HT 30/25/2

Infeed size 60 x 300 mm
Rotor diameter Ø 250 mm
Motor 15 - 18,5 kW
Capacity 300 - 650 kg/hour

HT 35/30/2

Infeed size 90 x 330mm
Rotor diameter Ø 300 mm
Motor 22 - 37 kW
Capacity 400 - 1500 kg/hour

HT 45/45/2

Infeed size 130 x 430 mm
Rotor diameter Ø 450 mm
Motor 30 - 55 kW
Capacity 700 - 2800 kg/hour

HT 55/30/2

Infeed size 90 x 530 mm
Rotor diameter Ø 300 mm
Motor 37 - 75 kW
Capacity 500 - 1800 kg/hour

HT 55/60/4

Infeed size 180 x 530 mm
Rotor diameter Ø 650 mm
Motor 55 - 90 kW
Capacity 1200 - 4000 kg/hour

HT 65/45/2

Infeed size 130 x 630 mm
Rotor diameter Ø 450 mm
Motor 45 - 75 kW
Capacity 800 - 3500 kg/hour

HT 75/60/4

Infeed size 180 x 730 mm
Rotor diameter Ø 650 mm
Motor 75 - 110 kW
Capacity 1500 - 6000 kg/hour

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waste utilization systems

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the material, motor size, size of screen holes etc.

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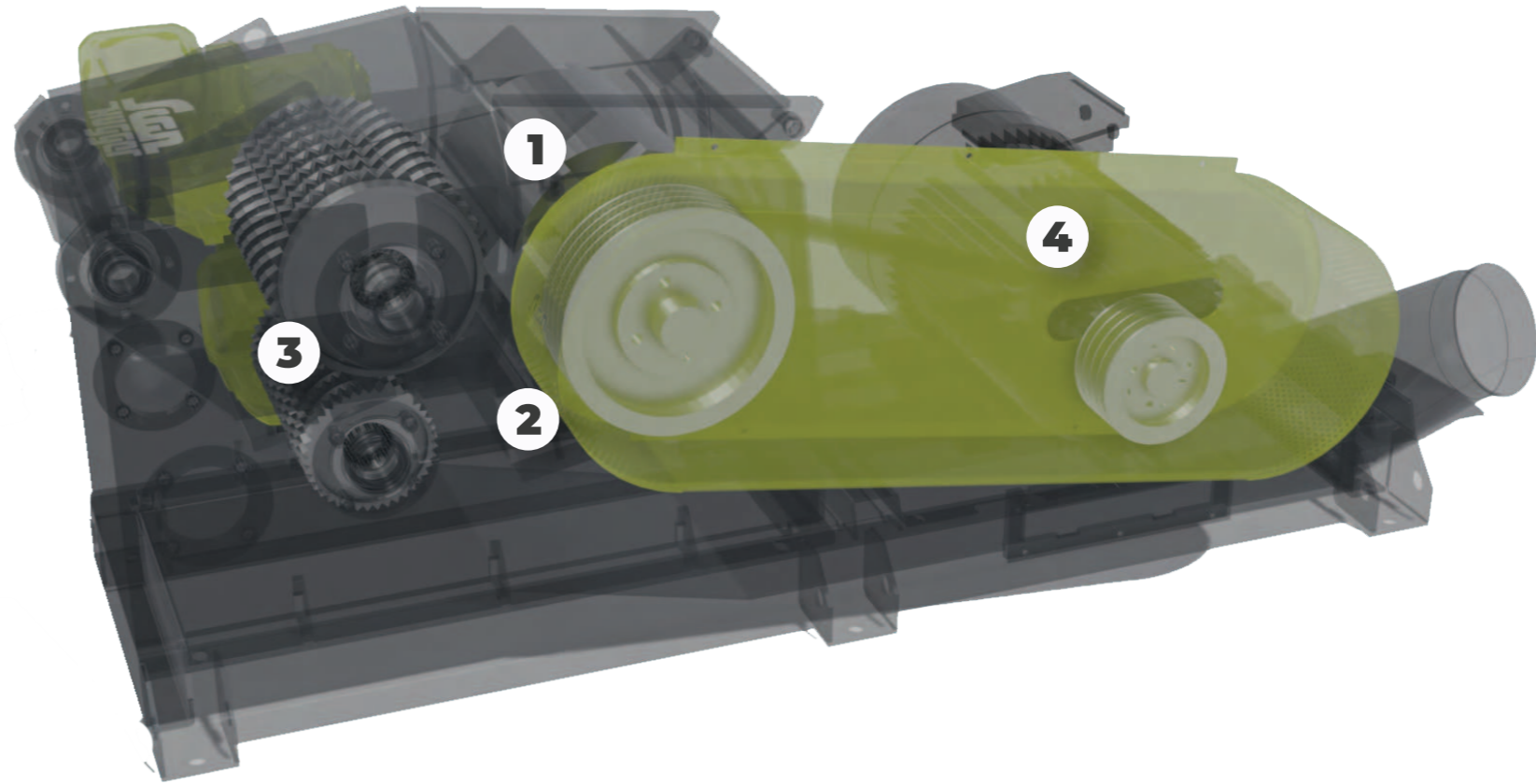
Scan HUGGER®



HT Series Drum Chippers

—
THE DANISH QUALITY
SHREDDING TECHNOLOGY

Danish quality
shredding
technology



HT Series

Drum Chippers

The HT drum chippers are ideal for the production of high-quality wood chips made from short or long pieces of waste wood from the timber sizing and wood processing industry.

The drum chipper is unique in its capability of processing solid wood slaps, rib edgings and cut-offs into a uniform chip.

1 ROTOR / KNIVES

The solid, high-quality steel rotor uses a special wedge system to mount 2-4 knives. The inertia of the fast-rotating drum locks and secures the knives in place.

2 COUNTER KNIVES

A special layout supports and secures the counter knife by mounting it on a sub-support that is welded to a massive support on the side of the machine.

3 INFEED ROLLERS

The hardened and machined surface of the infeed rollers ensures long service life. The roller speed is adjusted to transfer material to the rotor without overloading it.

4 EASY MAINTENANCE

In all machines - except for the smallest one - the Counter Steel and sub-support can be moved sideways for easy maintenance.