

PRE-SHREDDER

TWO SHAFTS
ELECTRIC POWER



SIMVIC RECYCLING
Since 1971



Your Trusted Supporter in Global Recycling

www.simvic-recycling.com

MORE POWERFUL

- All electrical power
- **Servo motor control system**
- Servo dynamic torque control and speed control
- Peak shred torque can be 1.5-2times than rated torque



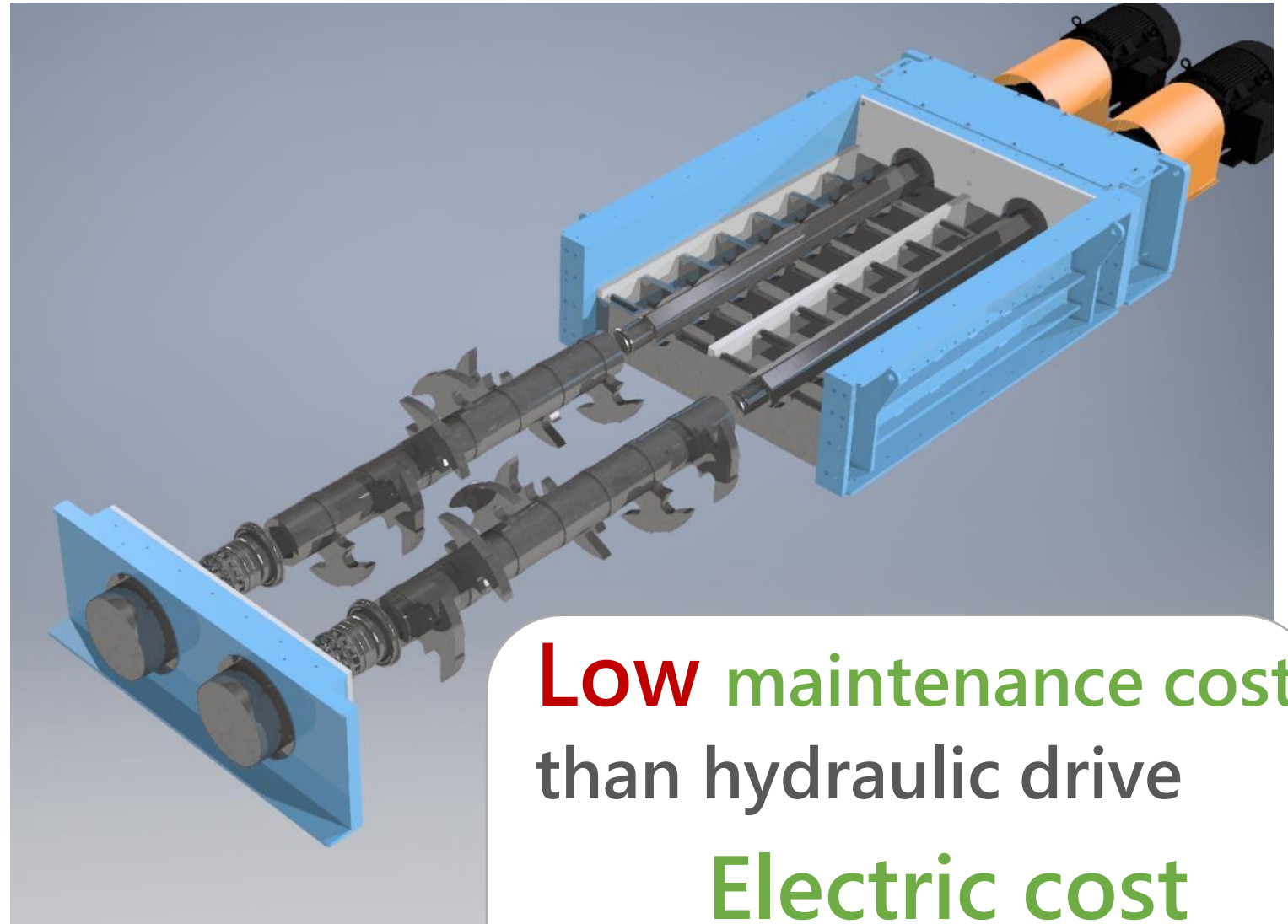
PRODUCTIVITY

- Custom design cutter profile for each scrap
- Different speed between shafts to optimize scrap shredding
- **Advance material gripping system via servo drive to maximize throughput and minimize jam reversal**



MAINTENANCE

- **Low cost maintenance** than hydraulic system
- Cutters can be rebuilt on shredder
- Automatic lubrication shaft bearings
- Cutters and wear parts can be easily removed and replaced from shredder



Low maintenance cost
than hydraulic drive

Electric cost

30% cut off

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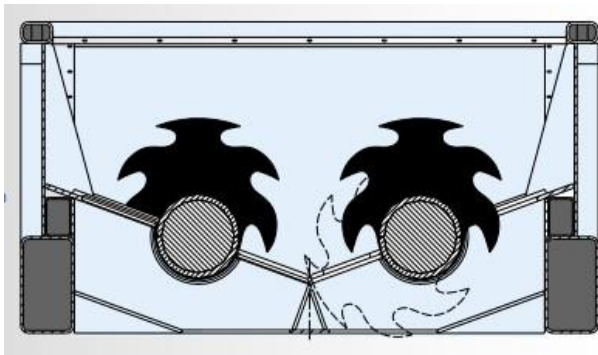
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+ SPECIAL ADVANTAGES

- Special alloy cutters for high wear resistance and strength
- Variable speed drive for widest processing range.
- Independent, bi-directional shaft rotation to increase production and prevent material wrapping around the shaft.
- Increase service life of wear parts of shredder
- Operational modes are easily programmed to suit materials being shredded.

+ Cutter Design



Independent shaft & aggressive cutters



+ MAIN SPECIFICATIONS

Type	unit	DSH-1600	DSH-1900
Feeding width	mm	1600	1900
Shaft peak torque	Nm	68000	80000
Cutter force at Tip	N	160000	185000
Shaft rotating speed	rpm	40	42
Main motor	KW	90 * 2	150*2
Material density	t/m3	<0,8 / UBC, ALU	<0,8 / UBC, ALU
Capacity*	t/hour	8-12	18-22

+ OPTIONS

- Heavy apron conveyor
- Metal platform(support frame)

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BETTER RECYCLING BETTER LIFE