

SR3100 Chipper Shredder



Shredding Method		Chip & Shred
Crushing vol.	m ³ /h	1.5~5
Chipper Knives	pcs	2
Shredder Hammers	pcs	12
Diameter of Woods Cut	mm	{Maximum} 200
Chip Size	mm	2~20
Driving Mechanism		Rubber Crawler
Transmission		Forward: 2-speed / Backward: 2-speed
Driving Speed		km/h Forward: 0.7~1.9 / Backward: 0.7~1.9
Engine Type		Water-cooled Diesel
Engine Displacement		cc 1,642
Engine Output		kW (PS) 18.4 (25.0)
Rating Rotation		rpm 2000
Dimension (LxWxH)		mm 3,100 x 1,100 x 1,930
Weight		kg 1,330

○ Biggest Diameter in Class of Woods Cut



Maximum Φ 200mm

<New wood insert hopper>
Shape change for bigger wood size

○ Enlarged Chip Size

Chip size: **2mm to 20mm**

Feeding motor velocity change → Bigger capacity

○ Longer Durability of Chipper Knives

- ❑ Material change
x2 wear resistance performance
- ❑ Shape Change
 - Knife Thickness: 15mm → 20mm
 - Bolts: 3 → 4
- ❑ Gap between fixed knives:
1mm → 2.3mm



○ Improved Fuel Consumption

[Clean Engine]

- ❑ Japanese emission regulation compliant
18.4kW/2000rpm
- ❑ Less fuel consumption
20% improved vs SR3000-2
(calculation under same load condition)

○ Shredding Mechanism

① Tree feeding mechanism

Tree logs taken by feeding roller
Variable feeding speeds for variable chip sizes



Adjust knob Feeding roller

② Chipping

Chipping knives on a inertia plate



Chipping knife

③ Shredding

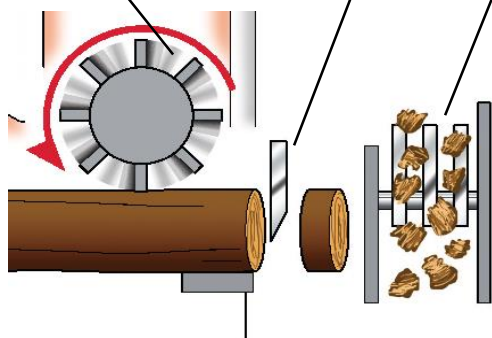
12 pieces of shredding hammers



Shredding hammer

④ Chip discharge

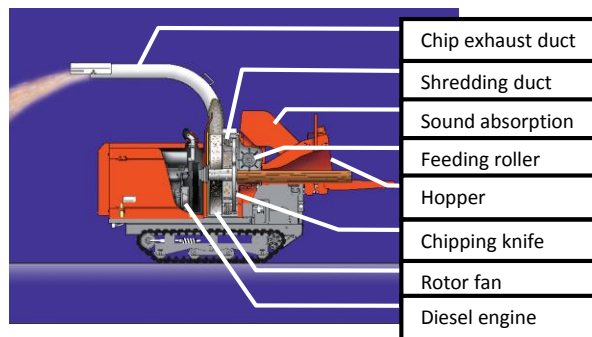
Fan on inertia plate blows chips outside



[Reuse of Chip]

- Mulching material
- Fuel for pellet stove
- Fertilizer
- Bed for farm animals

○ Structure



Bamboo Crushable
with Special chipper knives