



GS283D

FEATURES

- * Chips logs up to 18 cm diameter
- * Made in Japan - Japanese quality and reliability
- * Control process speed to produce super fine or larger chips
- * For composts, mulching, making pellets or bio-energy
- * Maximum power in compact, light weight body



Max. diameter
18
cm

Max. output
25
HP

Patented

Cyclone type
GSC283D



Stationary type
GS283DF build to order



Stationary motor type
GS283M build to order



Chipper shredder GS283D Basic performances

Chipping to meet your demands

Wood (High Speed)



Wood (Slow Speed)



Use for composts, mulching, making pellets, pathways, landscaping or bio-energy. Choose the size to suit your needs! * In chipping, large chips, called pinchip, are discharged in the last part of the material.

Adjusting chip size



The processing speed is adjustable by turning the "Flow Controller". Chip size can be changed between 2-16mm.

* Uniform sized chips are produced with screens. (Screens are optional)

Energy-saving mode



30% fuel reduction effect

Easily switch between regular mode and "Twig mode". Small branches of max. dia. 10mm are chipped with "Twig mode", and more energy savings can be achieved.

Micro-computer stress control

Micro-computer between the feed roller and engine reduces engine loading stress and prevent damage. Developed in-house using years of mechanical know-how.

Safety design

Pressure Prevention Function

When in reverse, slight pressure on the brake lever halts the machine reducing the risk of accidents.

Emergency Stop Button

Prevents feeding accidents by stopping operation with "Emergency Stop Button" .

Easy rotor operation.

NEW



The rotor clutch can be engaged/disengaged by flicking a switch. New function for this model.

Economical "Feeding blades"

NEW



Feeding blades on feed roller are replaceable. If the blades become worn, you only need to change blades.

Efficient hydraulic drive



A hydraulic automatic control system communicates with the feed roller ensuring stable and efficient feeding of materials.

Excellent chipping efficiency

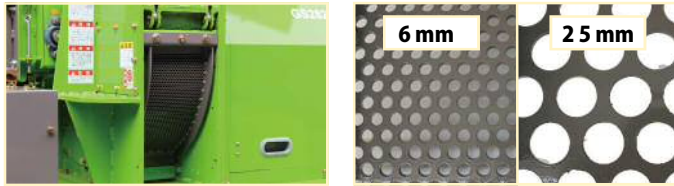
- Finely chip leafy branches.
- Wide hopper allows easy feeding of leafy branches.
- Robust and durable body.
- Change between reverse / forward feed with one switch.
- At less than 1.2 t easily transportable.
- High grade knife specification

To chip materials where something hard like nails may be attached the enhanced knife is recommended.

Chip Uses and Options

Choose chip size with uniform dimensions

Screens with various hole sizes



To adjust chip size and to produce uniform sized chips just change the screen.

Screens with various hole sizes: 6, 8, 10, 12, 18, 25 mm

※6mm holed screen must be used with vacume collector.

Processed chips



6 mm holed screen



12 mm holed screen

Different chip sizes suit different purposes. Choose the hole size of the screen based on your needs.

Chip Applications

Bedding



Compost



Pathways



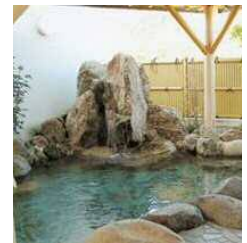
Pellets



Mulching



Heat Water



To discharge chips below

Side shooter



Conveniently discharge chips below when chipping in places where a high shooter may cause obstructions like an orchard.

※Can not be used in combination with the high shooter.

※Screen available (Screen hole size should be 8mm or more.)

6mm holed screen must be used with a vacume collector.

For chipping grass and bark

Flat blade set



Attach a flat blade to the feed roller to avoid clogging on sharp edges.

※ Grass containing a lot of water, should be discharged below rather than through the high shooter because chipped grass might be clogged up in the high duct. Remove the screen to avoid clogging.

Collecting chips effectively

Vacume Collector 3BMY150XN50/60•3BMY150XNEG

■ Attaching the optional vacume collector to the low outlet allows processed chips to be efficiently collected and packed without raising dust.

■ The collector is on casters for transportation.

■ Two types, motor drive and engine drive, are available.

※Can't be used in combination with the high shooter.

※Available with screen.

6mm holed screen must be used with a dust collector.



Equipped with cyclone chip collector "GSC283D"

Less dust while discharging

Dust can be a problem at chipping sites.
GSC283D can decrease the dust with attached cyclone.

Cyclone can be easily removed / attached

Chips can be directly discharged to an easily attached large flexi bag.

Chips are discharged directly into a flexible container bag, which is easy to move.

- ※The cyclone can not be used with a dust collector, a side shooter or a screen in combination.
- ※Can not discharge on the side while using the cyclone.
- ※Flexible container bags are not included.



Specifications

Factor	GS283D	GSC283D	GS283DF	GS283D-F	GS283M
L×W×H (mm)	2220×1075×1950	2220×1075×2520	2185×1120×1900	2220×1075×1950	1900×1160×1900
Weight (kg)	1100	1130	—	1100	930
Engine	Kubota D1305 Vertical type water-cooled 4-cycle diesel engine				Three-phase motor Mitsubishi SF-JR 180M
Max. Output {HP (kw)}	25.2 (18.5)				30.0 (22.0)
Fuel	Automobile diesel (JIS K2204)				—
Fuel Tank (L)	30.0				—
Fuel Consumption(L/h)	3.75				—
Drive type	Self-propelled crawler type		Stationary type	Self-propelled crawler type	Stationary type
Drive speed (km/h)	F1:0.8 F2:2.2 F1:0.8 F2:2.2		—	F1:0.8 F2:2.2 F1:0.8 F2:2.2	—
Drive system	Belt clutch, V belt				V belt
Max. chipping dia(mm)	180	180	180	180	180
Blade	Chipper knife 2pcs, Stationary knife 1pcs, Shredder knife 12pcs				
Hopper size	650×550				
Feeding speed	0~55 m/min (adjustable)			0~14 m/min (adjustable)	0~55 m/min (adjustable)
Feeding control	Automatic load control (Exchange regular mode/ small branch mode)				
Output type	Air conveying type				
Output duct height	1950	1250	1900	1950	1900
Output duct angle	Variable in 360°(All directions)				

* Specifications are subject to change without notice.
* Chipping capacity depends on chipping materials.



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