

Specs for Brush Chipper

General Dimensions and Weights

Length - Feed Table Up, Tongue In

160 in

Length - Table Down, Tongue Extended

208 in

Width

66.5 in

Height

101 in

Weight - Engine Option One

4995 lbs

Weight - Engine Option Two

4995 lbs

Tongue Weight - Engine Option One

600 lbs

Tongue Weight - Engine Option Two

600 lbs

Engine - Option one

Make and Model

Deutz D2.9L Tier 4 Final

Number of Cylinders

4

Gross Horsepower (Maximum)

74 hp

Torque (Max)

181 ft-lb

Fuel Tank Capacity

25 gal

Max Fuel Consumption

4.6 gph

Fuel Type

Diesel

Air Cleaner

2-stage dry with safety element

Oil Filter

Spin-on

Recommended Oil

10W30

Oil Volume with Filter

8.4 qt

Maximum Angle of Continuous Operation

30 deg

Cooling Medium

Liquid

Coolant Capacity (Engine and Radiator)

13.3 gal

Alternator

95 Amp

Fan

18.625" (47.3 cm) suction

Clutch Type

Clutchless PTO

Clutch Drive Engagement

Belt tensioner

Engine - Option two

Feed System

Feed Roller Orientation

Horizontal

Number of Feed Rollers

1

Feed Roller Clamp Load

350 lbs

Feed Roller Minimum Distance to Drum

1 in

Feed Roller Dimension

20" x 17" (50.8 cm x 43.2 cm)

Number of Knives

2

Weight of Feed Roller

400 lbs

Number of Feed Roller Motors

1

Motor Displacement

28.3

Motor Manufacturer

White

Feed Speed

105 ft/min

Infeed Table Width

52 in

Infeed Table Length

32 in

Infeed Hopper Height

12 in

Infeed Throat Capacity

12" H x17" W (30.5 cm H x 43.2 cm W)

Pinch Point - Distance to End of Feed Table

66.5 in

Distance from Feed Table to Ground

26 in

Infeed Table Material Thickness

.2 in

Safety System

Bottom Feed Stop Bar

Standard

Bottom Feed Stop Bar Diameter

2 in

Bottom Feed Stop Bar Material Thickness

11 GA

Actuation Force (BFSB)

34 lbs

Normal Sensitivity

22 deg

Reduced Sensitivity

12 deg

Reset Method

Green hold-to-run button

Four Position Feed Control Bar

Standard

Positions

4: E-stop, forward, neutral and reverse

Actuation Force

34 lbs

Green Hold to Run Button

Standard

Drum/Disc Cutting System

Material Capacity

12 in

Width

20 in

Thickness

.4 in

Diameter

20 in

Speed

2050 rpm

Weight With Shaft

460 lbs

Safety Lock - Number of Positions

2

Number of Knives

2

Knife Thickness

.6 in

Material

A8 chipper steel

Useable Edges

2

Knife Size

0.63" x 4.5" x 9" (1.6 cm x 11.4 cm x 22.9 cm)

Number of Bolts/Knife

4

Replaceable Threaded Knife Block

Yes

Number of Paddles

5

Fixture Method

Weld-on

Bedknife Size

3.5" x 17.3" (8.9 cm x 43.8 cm)

Bedknife Thickness

1 in

Bedknife Material

1018

Bedknife - Number of Useable Edges

4

Cutter Drive Components - Engine Option One

Number of Bearings

2

Bore

2.4 in

Type

Spherical rollers

Manufacturer

Linkbelt

Dynamic Capacity

31400 lbs

Static Capacity

53500 lbs

Belt Idler/Tensioner

Yes

Belt Type

5V

Discharge System

Chute Height

101 in

Chute Rotation Angle

270 deg

Rotation Type

Rotation handle with pin lock

Rotational Lock

Yes

Hydraulic System

Tank capacity

7 gal

Recommended Oil Type

Vermeer VMF

System Type

Tandem center

Filtration Method

10 micron return; 100 micron suction

Pump Flow at Maximum RPM

2.7 gpm

System relief pressure

2500 psi

Flow Control

No

Directional Control

Yes

Oil Cooler

No

Electrical System

System Voltage

12 Volt

Battery

Group 31; 950 CCA

Standard Gauges

MFD, hour

Switches

Feed Stop Bar Sensitivity, Droop, Ecolde

Controller

Vermeer ACS

Display

Multifunctional display (MFD)

Shutdown System

Yes

Radio Remote Control

No

Chassis

Frame Description

7" (17.78 cm) Z channel; 0.25" (0.64 cm) thickness

Tongue Description

2.5" x 4.5" x .25" (6.4 cm x 11.4 cm x .6 cm)

Tongue Extension

Extendable 24" (61 cm) @ 12" (30.5 cm) increments

Hitch Type

Pintle

Fender Description

Bolt-on-steel

Axle/Suspension

Torsion

Type - Option One

Rubber torsional

Manufacturer - Option One

Dexter

Capacity - Option One

5200 lb (2358.7 kg)

Tires - Option One

ST235/80/R16 Load Range E

Wheels - Option One

16" (40.6 cm)

Axle/Suspension - Option Two

Torsion

Type - Option Two

Rubber torsional

Manufacturer - Option Two

Dexter

Capacity - Option Two

7000 lb (3175.2 kg)

Tires - Option Two

ST235/80R16 Load Range E

Wheels - Option Two

16" x 6" (40.6 cm x 15.2 cm)

Brake Type

Standard electric or optional hydraulic

Trailer Light Type

LED