

AX19 BRUSH CHIPPER



OFFSET HORIZONTAL FEED ROLLERS.

The offset horizontal feed rollers are designed to efficiently take on oversized, branchy limbs.



ROBUST FEED TABLE. Mechanized feeding is made convenient with a 28.9 in (72.4 cm) feed roller opening and a durable, fixed infeed table design.



SMARTCRUSH. Increase jobsite productivity with the SmartCrush system that includes intuitive hydraulic crushing capabilities to minimize chainsaw work.



POWERFUL PERFORMANCE. Equipped with up to 11,674 lb (5295.2 kg) of pull-in force, this unit has optimized efficiency while working in tandem with the patented SmartFeed system to increase productivity when chipping large diameter logs.



OPERATOR CONTROL. The Tree Commander™ remote control comes standard with the AX19, and an optional full-function remote is available. The operator is able to control the functions of the brush chipper remotely to improve jobsite productivity.



OPTIONAL WINCH. The 150 ft (45.7 m) winch line has a pull-in force of 3250 lb (1474.2 kg), making it easy to lift logs directly onto the feed table. The winch boom can be removed and installed conveniently with just six bolts. By removing the winch boom, the operator can mechanically feed the chipper more efficiently.

AX19 BRUSH CHIPPER

GENERAL

Length: 224 in (569 cm)

Height: 108 in (274.3 cm)

Width: 79 in (200.7 cm)

Weight (without winch and hydraulic jack): 11,200 lb (5080.3 kg)

Weight (with winch): 11,650 lb (5284.4 kg)

ENGINE

Make/model: John Deere 4045HFC09

Gross horsepower: 173 hp (129 kW)

Max torque: 492 ft-lb (667.1 Nm)

Fuel type: Diesel

Number of cylinders: 4

FEED SYSTEM

Chipping capacity: 19 in (48.3 cm)

Infeed opening height: 24 in (61 cm)

Infeed opening width: 28.9 in (73.4 cm)

Feed roller orientation: Horizontal

Feed table height: 35 in (88.9 cm)

Feed speed (max): 119 fpm (36.3 m/min)

Feed roller dimensions: 19 in dia x 28.25 in length
(48.3 cm x 71.8 cm)

CUTTING SYSTEM

Drum speed: 1100 rpm

Drum dimensions: 36 in (91.4 cm) diameter

Drum thickness: .5 in (1.3 cm)

Knives: 4 knives - 5.5 in x 10 in x .625 in
(14 cm x 25.4 cm x 1.6 cm)

Shear bar: 4-sided - 3 in x 20.25 in x 1.25 in
(7.6 cm x 51.4 cm x 3.2 cm)

Engagement system: Automotive style clutch

CAPACITIES/ELECTRICAL

Fuel tank: 40 gal (151.4 L)

Hydraulic tank: 20 gal (75.7 L)

Max hydraulic flow: 14.8 gpm (56 L/min)

DEF tank: 5 gal

Lights: LED front, rear, side, brake and taillights

CHASSIS/BRAKES

Frame: Z channel, 7.5 in x .25 in thick (19.1 cm x .64 cm)

Tires: LT285/75R16 load range E

Axle/suspension: Tandem torsion 7000 lb capacity (3175.1 kg)

Hitch: Pintle

DISCHARGE SYSTEM

Discharge height: 108 in (274.3 cm)

Degree of rotation: 270°

OPTIONS

Special paint

Extended warranty

Preventive maintenance

Adjustable height discharge chute

Full function remote control

Manual outriggers

Hydraulic jack

NOTES:

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