

DOSKO

Model
510SD 9"
Brush Chipper



Rugged, Dependable and Born To Chip!

There's no question our 510SD Brush Chipper is ready to take on the toughest of jobs. Designed with our exclusive ratchet style feed system, large crotch materials are easily crushed and fed into the chipper.

Fewer man-hours will be needed to process limbs for chipping, which adds up to greater profits for you.



Patent Pending

Doskocil Industries, Inc.

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Exclusive Threaded Knife Design

It's only fitting that when you build the best chipper on the market today, you fit it with the best knife system available. The threaded knives are precisely positioned in place, assuring accurate knife point location with no adjustment required. Whether installing new knives or reversing worn knives, it can be done in minutes, even on the job site.



Chipper Maintenance Made Easy

By design the 510SD is the latest in chipper serviceability. Our slide back feed roller housing, hinged flywheel hood, and belt guard provide quick and easy access to bearings, clutch, belts, bed knife, and chipper knives. There's no question about it, chipper maintenance doesn't get any easier than this.

SPECIFICATIONS

GENERAL

WEIGHT:	2,765 LBS.	(1254 kg)
LENGTH:	124"	(315 cm)
WIDTH:	74"	(188 cm)
HEIGHT:	98"	(249 cm)

ENGINE

MAKE/MODEL:	Kubota
HORSEPOWER:	Gross — 30 hp (22 kw) at 3000 rpm
TYPE OF FUEL:	Diesel
CYLINDER:	4
BORE AND STROKE:	2.83" (72 cm), 2.90" (73.6 cm)
DISPLACEMENT:	81.50 CID (1335 cc)

CAPACITIES:

FUEL TANK:	12 Gallons (45 L)
HYDRAULIC TANK:	7 Gallons (26 L)

CHIPPER DISC SYSTEM

DISC SIZE:	32" Dia. x 1.5" Width (81 cm x 38.1 mm)
DISC SPEED:	1943 rpm
BEARINGS:	2.25 Dia. (5.72 cm) 4-bolt flange
KNIVES:	2 double-edge, reversible, threaded knives
BED KNIFE:	4-edge 3/4" x 3" x 10" cm tool steel (1.9 cm x 7.62 cm x 25.4 cm)

HYDRAULIC SYSTEM

PUMP:	5.7 gpm (26 lpm), system pressure 2,500 psi
MOTOR:	28 cubic inch at 11,269 in. lbs. torque
CONTROL VALVE:	Forward-neutral-reverse
INFEED RATE:	0-150 fpm (0-46 m/min.)

FEED AND DISCHARGE SYSTEM

INFEED OPENING:	10" x 10" (25 cm x 25 cm)
HOPPER SIZE:	30" (76 cm) high x 38" (97 cm) wide
FEED-TABLE LENGTH:	72" (183 cm)
FEED-TABLE HEIGHT:	31" (79 cm)
FEED ROLLER:	One horizontal 12" (30 cm)
DISCHARGE HEIGHT:	98" (249 cm)
ROTATION:	360°

CHASSIS

FRAME:	3/16" x 2" x 3" tubing (.47 cm x 5 cm x 8 cm)
TRAILER DECK:	3/16" (.47 cm) Plate
TIRE:	205/75 14" Dia. (36 cm) load range "D"
AXLE/SUSPENSION:	3500 lb. (1588 kg) leaf spring
TONGUE:	Sq 1/4" x 3" x 3" (.6 cm x 8 cm x 8 cm)
FENDERS:	Removable with inner skirt
JACK STAND:	Tongue and rear adjustable

Safety First

At Doskocil Industries, Inc., safety is our number-one priority when designing our equipment. You see it in the 510SD chipper's 72-inch-long (183 cm) feed table, the longest in the industry, providing maximum operator safety from rotating feed roller. The large 12"-diameter (30.5 cm) feed roller easily climbs over large limbs which prevents material "kick-back" at operator. The feed control bar is conveniently located in front of the operator.

Ratchet Style Feed System

When you need the power in a feed system, our ratchet-style feed roller delivers it! This unique feed roller design senses material restriction in the hopper and automatically applies more down pressure to crush large limbs and brush with three times more power than a spring-tensioned slide gate system. You will spend more time chipping and less time processing brush.

Smart Feed Makes Sense

Our Smart Feed system monitors the chipper shaft RPM and automatically adjusts the feed roller speed. Smart Feed reduces engine stress, increases clutch and belt life with fewer jams and better productivity.

Authorized Dosko Sales and Service

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