

DOSKO

Model
510SD 6"
Brush Chipper



The New and Undisputed 6" Champ!

Weighing in at 2,285 lbs., the Dosko 510SD has redefined industry standards. With knock-out features like smart feed, our exclusive key knife cutting system, a 400-lb. flywheel assembly, and maintenance-made-easy designs, you're sure to get years of dependable brush chipping. We challenge any 6" chipper to climb into the ring for a side-by-side chip-off and let the chips fall where they may!



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.

Safety First

At Doskoil 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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SPECIFICATIONS

GENERAL		
WEIGHT:	2,285 LBS.	(1036 kg)
LENGTH:	124"	(315 cm)
WIDTH:	74"	(188 cm)
HEIGHT:	98"	(249 cm)
ENGINE		
MAKE/MODEL:	Kohler ch 25S	
HORSEPOWER - GROSS:	25 hp (19 kw) at 3600 rpm	
MAXIMUM TORQUE:	39.5 ft.-lb. at 2500 rpm	
CYLINDER:	2	
FUEL:	Gasoline	
DISPLACEMENT:	44 CID (721 cc)	
BORE AND STROKE:	3.27" (83.1 mm), 2.64" (67.1 mm)	
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:	1945 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	
INFEE RATE:	0-150 fpm (0-46 m/min.)	
FEED AND DISCHARGE SYSTEM		
INFEE 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	
ELECTRICAL		
SYSTEM VOLTAGE:	12 volts	
LIGHTS:	Brake, turning, license	

Doskoil Industries, Inc. reserves the right to make changes in engineering, designs and specifications; add improvements; or discontinue manufacture at any time without notice or obligation.