

DOSKO

Model
610SD 10"
Brush Chipper



A Proven Work Horse

The Dosko 610SD Brush Chipper is designed and built to bring the big jobs down to size. Two Deutz Diesel Engines are available, the 63 HP (47 kw) and the 83 HP (62 kw) turbo supplies the torque needed in heavy-duty commercial applications. Solid construction throughout the 610SD is sure to provide you with years of dependable service.



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 610SD is the latest in chipper serviceability. Our swing-away 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 MODEL 610 — 63 & 83 DEUTZ

GENERAL

WEIGHT:	3,580 LBS.	(1624 kg)
LENGTH:	158"	(401 cm)
WIDTH:	78"	(198 cm)
HEIGHT:	101"	(257 cm)

ENGINE

MAKE/MODEL:	Deutz, F4M1011F Natural
HORSEPOWER:	Gross 63 HP (47 kw) at 2800 rpm
TYPE OF FUEL:	Diesel
CYLINDERS:	4
BORE AND STROKE:	3.6" (9.1 cm), 4.4" (11.2 cm)
DISPLACEMENT:	178 CID (2917 cc)
COOLING MEDIUM:	Oil-Cooled

MAKE/MODEL:	Deutz, BF4M1011F Turbo
HORSEPOWER:	Gross 83 HP (62 kw) at 2800 rpm
TYPE OF FUEL:	Diesel
CYLINDERS:	4
BORE AND STROKE:	3.6" (9.1 cm), 4.4" (11.2 cm)
DISPLACEMENT:	178 CID (2917 cc)
COOLING MEDIUM:	Oil-Cooled

CAPACITIES:

FUEL TANK:	22 Gallons (83 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:	8 ccm, 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:	101" (257 cm)
ROTATION:	360°

CHASSIS

FRAME:	3/16" x 2" x 4" tubing (.47 cm x 5 cm x 10 cm)
TRAILER DECK:	3/16" (.47 cm) Plate
TIRE:	225/75 15" Dia. (58 cm) load range "D"
AXLE/SUSPENSION:	5200 lb. (2359 kg) leaf spring
TONGUE:	Sq 1/4" x 4" x 4" (.6 cm x 10 cm x 10 cm)
FENDERS:	Removable with inner skirt
JACK STAND:	Tongue and rear adjustable

ELECTRICAL

SYSTEM VOLTAGE:	12 volts
LIGHTS:	Brake, turning, license

Safety First

At Dorskocil Industries, Inc., safety is our number-one priority when designing our equipment. You see it in the 610SD 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. Continuous Hydraulics enables you to start the engine and check the complete hydraulic system without the cutting disc rotating.

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 Dealer:

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*signs and specifications; add
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