

WOODS

Model S105/106 ditch bank mower

data sheet



WOODS mechanical drive ditch bank model S105 cuts a 5 ft. swath, model S106 cuts a 6 ft. swath, 90° up to 90° down . . . for 540 PTO tractors with standard category 2, 3-point hitch . . . ideal for maintaining hard-to-reach road shoulders, irrigation and roadside ditchbanks.

Features:

From straight-up to straight-down or any place in between Woods mechanical drive ditch bank mowers will clear heavy brush and weeds from ditches and hard-to-reach road shoulders. Mower head "floats" over rough terrain, or may be held hydraulically at any angle. Woods self-equalizing universal drive assembly allows mowing at extreme angles, with never more than 35° angle on U-joints. This feature minimizes U-joint wear and insures longer maintenance-free operation.

Mower deck is twin box type construction. Model S105 is made of formed 12 ga. steel plate, the model S106 is 10 ga. Deck is ribbed and reinforced with 5/16" angle front and rear for added strength. Side plates are 7 ga. steel and center frame 5" x 7" - 7 ga. tube. Mower frame is electrically welded throughout for maximum structural strength.

Heavy-Duty Free-Swinging blades are made from heat-treated alloy steel.

Free-swinging feature helps to protect both mower and tractor from shock damage and increases blade life. Standard equipment high suction blades lift grass and weeds for clean even cutting. For clearing brush the optional double edge utility blades are recommended.

Rugged Heavy-Duty gear-box, designed and manufactured by Woods for demanding rotary mower use. Feature forged gears, heat treated for extra strength and blade spindles with lubricated, adjustable tapered roller-bearings for longer maintenance free operation. Woods solid mount design adds strength to both gear-box and mower frame with four tie-bolts through the gear box housing. For added gear-box protection a slip clutch is standard equipment on the PTO drive shaft.

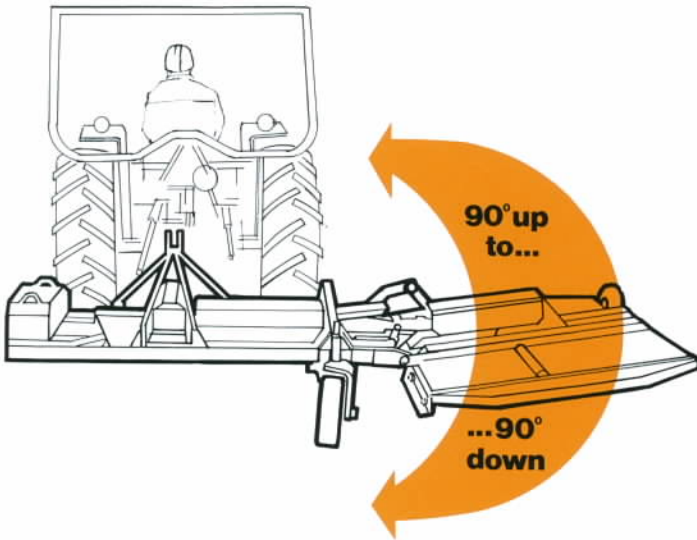
Safety shields completely enclose drive lines in compliance with latest OSHA standards. Optional chain shielding is available for both front and

rear of mower deck. Chain shielding is recommended when mower is used in populated areas, including all rights-of-way maintenance.

For stability and safety, the S105 requires minimum tractor weight of 4000 lbs. and 2500 lbs. lift capacity. Model S106 requires minimum tractor weight of 5000 lbs. and 3000 lbs. lift capacity. Optional counterweight box is recommended for added safety on all models, but is a *necessity* if tractor does not meet minimum weight requirements.

Optional equipment includes spring mounted tailwheel, check chains, counterweight box, front and rear chain shielding and category 1 mounting pin kit (S105 only).

Woods equipment warranty. The models S105 and S106 have a one year limited warranty against defects in material and workmanship, including component parts.



SPECIFICATIONS:

	S105	S106
Mower deck	12 ga	10 ga
Cutting swath	5 ft.	6 ft.
Location of swath from tractor center line:		
Inside of swath	63"	63"
Outside of swath	123"	135"
Transport width, mower up 90°	108"	108"
Mowing height adjustment:		
Mower gauge wheels	1" to 6"	1" to 6"
Tailwheel	1" to 8"	1" to 8"
3-point hitch	*	*
Blade tip speed, FPM	11,500	10,100
Shipping weight	1,351	1,534
Recommended tractor size	4,000 lbs. (Min)	5,000 lbs. (Min)

*When 3-point hitch is used for adjusting mower cutting height, maximum adjustment is determined by tractor lift arms.

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