

Roto Grind Tub Grinders

Grinds hay, waste vegetation, compost in agricultural, municipal, and environmental applications

RotoGrind/Burrows through their export distributor **Opico®** offers tub grinders for a wide variety of applications

- Round bale grinding for animal feed
- Alfalfa (lucerne) bale processing
- Waste vegetation for composting
- Energy production from sugar cane and other fibrous waste
- Grinding wood chips and other difficult materials

Grinding mango waste in Mexico



Energy production from waste in Africa



P. O. BOX 849
MOBILE, ALABAMA 36601 USA
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Specifications			
Model	Standard	Low Profile	1090 High Capacity
Tub Speed	0 to 9 R.P.M. - depending on tractor hydraulic volume	0 to 9 R.P.M. - depending on tractor hydraulic volume	0 to 9 R.P.M. - depending on tractor hydraulic volume.
Grinder Weight	1475 kg	1475 kg	1775 kg
Shear	5 adjustable shear plates to control the fineness of grind. Individually adjustable from 0 to 2 inches.	5 adjustable shear plates to control the fineness of grind. Individually adjustable from 0 to 2 inches.	5 adjustable shear plates to control the fineness of grind. Individually adjustable from 0 to 2 1/2 inches of movement per shear plate.
Mill	Six sets of hammers with 18 standard hammers and 6 hard surfaced lead hammers, 33 cm long with 28 cm swing. Reversible, can be used on all four corners. 1000 R.P.M. required (option) six special alfalfa hammers (16.5 kg. each) to be run at 540 R.P.M. (can be used in combination with standard hammers)	Six sets of hammers with 18 standard hammers and 6 hard surfaced lead hammers, 33 cm long with 28 cm swing. Reversible, can be used on all four corners. 1000 R.P.M. required (option) six special alfalfa hammers (16.5 kg. each) to be run at 540 R.P.M. (can be used in combination with standard hammers)	Six sets of hammers with 24 standard hammers and 12 hard surfaced lead hammers; Reversible, can be used on all four corners. 1000 R.P.M. required. Total of 36 Hammers.
Hitch Weight	290 kg	290 kg	315 kg
Height	2.6 m	2.3 m	2.6 m
Tub Dimensions	2.75 mt at the top of the tub, by 2.3 m at the bottom of the tub, by 1.3 m deep	2.6 m at the top of the tub, by 2.3 m at the bottom of the tub, by 90 cm deep	2.75 mt at the top of the tub, by 2.3 m at the bottom of the tub, by 1.3 m deep
Capacity	Depends on the type of material, condition of material (wet or dry), how fine it is being ground, and the size of the tractor, e.g. 80 to 90 horsepower on reasonably dry material on a medium grind should produce 13.5 metric tons per hour. Because of the variables, the capacity can vary from 4 to 36 metric tons per hour	Depends on the type of material, condition of material (wet or dry), how fine it is being ground, and the size of the tractor, e.g. 80 to 90 horsepower on reasonably dry material on a medium grind should produce 13.5 metric tons per hour. Because of the variables, the capacity can vary from 4 to 36 metric tons per hour	Depends on the type of material, condition of material (wet or dry), how fine it is being ground, and the size of the tractor, e.g. 150 to 200 horsepower on reasonably dry material should produce 30 metric tons per hour. Because of the variables, capacity can vary from 17 to 53 metric tons per hour.
Tub Governor	To stop tub if the tractor R.P.M. pulls down. Standard equipment. Works only in the clockwise rotation of the tub.	To stop tub if the tractor R.P.M. pulls down. Standard equipment. Works only in the clockwise rotation of the tub	To stop tub if the tractor R.P.M. pulls down. Standard equipment. Works only in the clockwise rotation of the tub.



Round bale processing USA



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