

HORIZONTAL GRINDERS
DZH7000 / DZH7000TKT



DZH6000 / DZH6000TKT



NEW! DZH5500TKT



DZH4000 / DZH4000TK / DZH4000TKT



SPECIFICATIONS / MODEL COMPARISON

Model	Tons Per Hour (TPH) / Yards Per Hour (YPH)	Grinder Average Transport Net Weight	Caterpillar® Engine Type (Other Tiers Available)	Mill Screens Total Surface Area	Grinder Transport L X W X H
DZH7000	145TPH / 685YPH	105,000 lbs.	C27/C32 1,050HP / 1,200HP Tier 4	5,760 sq. in.	46'8" x 11'11" x 13'10"
DZH7000TKT	145TPH / 685YPH	136,000 lbs.	C27/C32 1,050HP / 1,200HP Tier 4	5,760 sq. in.	48' x 12' x 13'5"
DZH6000	110TPH / 510YPH	95,000 lbs.	C27 1,050HP Tier 4	4,320 sq. in.	44'1" x 11'11" x 13'10"
DZH6000TKT	110TPH / 510YPH	120,000 lbs.	C27 1,050HP Tier 4	4,320 sq. in.	52'1" x 12' x 13'11"
DZH5500TKT	107TPH / 524YPH	105,000 lbs.	C27 1,050HP Tier 4	3,800 sq. in.	51'8" x 11'5" x 13'6"
DZH4000	95TPH / 435YPH	78,000 lbs.	C18 755HP Tier 4	3,800 sq. in.	42' x 10' x 13'8"
DZH4000TK	95TPH / 435YPH	86,000 lbs.	C18 755HP Tier 4	3,800 sq. in.	41'5" x 10'6" x 12'5"
DZH4000TKT	95TPH / 435YPH	100,000 lbs.	C18 755HP Tier 4	3,800 sq. in.	47'9" x 11'4" x 13'8"
DZH3000	65TPH / 320YPH	63,000 lbs.	C15 580HP Tier 4	3,146 sq. in.	37'1" x 10'5" x 13'3"
DZH3000TK	65TPH / 320YPH	75,000 lbs.	C18 580HP Tier 2	3,146 sq. in.	39'11" x 8'2" x 11'11"

* All models are subject to change ** All models are available diesel or electric, wheeled or tracked



Reliable, Productive
Durable, Safe

Grinding
Simplified™

Diamond Z was established over 30 years ago by owners who worked directly with grinders every day; all our grinders reflect this design and operational heritage. Diamond Z Grinders are built to the highest quality standards with unequaled durability and ease of use. Nearly all parts are manufactured in-house for quality assurance and availability.

Our grinders are the most cost-effective and productive available, with a broad range of tub and horizontal models designed to suit nearly any application. From composting to construction & demolition, land clearing to tire disposal to asphalt shingle grinding, nothing outgrinds a Diamond Z.



TUB GRINDERS

1463B



1460 / 1460BL / 1460BTK



8000 / 8000TKT



1352B / 1352BL



1248B / 1248BTK



1136B



SPECIFICATIONS / MODEL COMPARISON

Model	Tons Per Hour (TPH) / Yards Per Hour (YPH)	Grinder Average Transport Net Weight	Caterpillar® Engine Type (Other Tiers Available)	Mill Screens Total Surface Area	Grinder Transport L X W X H
DZT1463B	135TPH / 600YPH	100,000 lbs.	C27/C32 1,050HP / 1,200HP Tier 4	6,795 sq. in.	48'2" x 11'11" x 13'10"
DZT8000	105TPH / 495YPH	77,000 lbs.	C27 1,050HP Tier 4	4,800 sq. in.	40'1" x 11'11" x 13'7"
DZT8000TKT	105TPH / 495YPH	99,000 lbs.	C27 1,050HP Tier 4	4,800 sq. in.	45'7" x 11'11" x 13'7"
DZT1460B	85TPH / 405YPH	63,000 lbs.	C27 1,050HP Tier 4	3,960 sq. in.	35'10" x 11'9" x 13'5"
DZT1460BL	85TPH / 405YPH	84,000 lbs.	C27 1,050HP Tier 4	3,960 sq. in.	45'9" x 11'11" x 14'
DZT1460BTK	85TPH / 405YPH	74,000 lbs.	C27 1,050HP Tier 4	3,960 sq. in.	37'10" x 11'11" x 12'6"
DZT1352B	75TPH / 360YPH	56,000 lbs.	C27 875HP Tier 4	3,415 sq. in.	34'9" x 11'11" x 13'3"
DZT1352BL	75TPH / 360YPH	80,000 lbs.	C27 875HP Tier 4	3,415 sq. in.	42'6" x 11'11" x 14'
DZT1248B	55TPH / 260YPH	53,000 lbs.	C18 755HP Tier 4	3,013 sq. in.	32'11" x 11'11" x 12'4"
DZT1248BTK	55TPH / 260YPH	68,000 lbs.	C18 755HP Tier 4	3,013 sq. in.	38'3" x 11'8" x 12'6"
DZT1136B	40TPH / 190YPH	43,000 lbs.	C13 440HP Tier 4	2,145 sq. in.	29' x 11' x 12'

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Z LOGIC

The Z Logic system tracks and monitors all functions of the machine and provides alerts to an overload, amperage draw, short and other electrical malfunctions.



CONTAINMENT SYSTEM

Safely operate a tub grinder where horizontal and other designs are not permitted. Diamond Z's containment system controls up to 99.9% of all ejected material.



DZ TRANSPORTER SYSTEM

Diamond Z Transport System provides an economical and efficient way to transport machines without the need for a track trailer.



CONTAMINATE DETECTION SYSTEM

The system detects high frequency impact resonance within the grinding chamber and in turn stops the in-feed when an unacceptable impact level is experienced, flashing a warning screen and stopping and reversing the feed.



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