



Diamond Z Comparison Table
Last updated 04/30/2021

Horizontal Models	Pallet & Construction Waste Processing Rate	Brush & Yard Waste Processing Rate	Stumps & Logs Processing Rate	Engine (1) Type	Fuel Tank Capacity	Hydraulic Tank Capacity	Feed Conveyor Dimensions (WxLxH)	Hammer Amount	Hammermill Diameter	Mill Feed Opening Dimensions (W X H)	Mill Screens Total Surface Area	Grinder Transporting Length	Grinder Transporting Width	Grinder Transporting Height	Grinder Average Total Transporting Net Weight	Operating Dimensions LxWxH	Phase II Conveyor Width	Phase II Conveyor Length	Phase II Conveyor Stacking Height
DZH3000	68 tons per hr or 476 yd ³ per hr	84 tons per hr or 335 yd ³ per hr	50 tons per hr or 140 yd ³ per hr	C15 580HP Tier 4	277 gallons	154 gallons	54" x 16' 6" x 29"	26 @ 63 lbs ea	33"	59" X 32"	3,146 sq. in.	37' 1"	10' 5"	13' 3"	63,000 lbs.	52'1"x10'5"x15'	48"	37'	14'
DZH3000TKI	68 tons per hr. or 476 yd ³ per hr.	84 tons per hr. or 335 yd ³ per hr.	50 tons per hr. or 140 yd ³ per hr.	C18 765HP Tier 2	277 gallons	154 gallons	52.5" x 16' 6" x 29"	26 @ 63 lbs. ea.	33"	59" X 32"	3,146 sq. in.	39' 11"	8' 2"	11' 11"	75,000 lbs.	52'1"x10'5"x15'	42"	20' 11"	14' 2"
DZH4000	90 tons per hr or 630 yd ³ per hr	120 tons per hr or 475 yd ³ per hr	70 tons per hr or 200 yd ³ per hr	C18 755HP Tier 4	360 gallons	160 gallons	54 1/4" x 14' 6" x 34"	24 @ 90 lbs ea	42"	54 1/2" X 48"	3,800 sq. in.	42'	9' 9"	13' 7"	78,500 lbs.	61"x10"x18"	30"	19' 6"	14' 6"
DZH4000TK	90 tons per hr or 630 yd ³ per hr	120 tons per hr or 475 yd ³ per hr	70 tons per hr or 200 yd ³ per hr	C18 755HP Tier 4	360 gallons	160 gallons	54 1/4" x 14' 6" x 34"	24 @ 90 lbs ea	42"	54 1/2" X 48"	3,800 sq. in.	41' 5"	10' 3"	12' 0"	85,000 lbs.	50'2"x10'4"x14'	48"	24' 8"	14' 4"
DZH4000TKT	90 tons per hr or 630 yd ³ per hr	120 tons per hr or 475 yd ³ per hr	70 tons per hr or 200 yd ³ per hr	C18 755HP Tier 4	360 gallons	160 gallons	54 1/4" x 14' 6" x 34"	24 @ 90 lbs ea	42"	54 1/2" X 48"	3,800 sq. in.	47' 10"	11' 4"	13' 4"	98,000 lbs.	46"x10"x14'	48"	19' 6"	13' 6"
DZH5000TKT	107 tons per hr. or 749 yd ³ per hr.	131 tons per hr. or 524 yd ³ per hr.	84 tons per hr. or 252 yd ³ per hr.	C27 1050HP Tier 4	400 gallons	160 gallons	54 1/4" x 15' x 34"	24 @ 90 lbs. ea.	42"	54 1/2" X 48"	3,800 sq. in.	52' 2"	11' 4'	13'	107,000 lbs.	53'6"x10'6"x14'2"	48"	22' 3'	14' 2"
DZH6000	107 tons per hr or 749 yd ³ per hr	131 tons per hr or 524 yd ³ per hr	84 tons per hr or 252 yd ³ per hr	C27 1050HP Tier 4	545 gallons	140 gallons	63 1/4" x 20' 4" x 35"	28 @ 90 lbs ea	42"	63 X 52"	4,320 sq. in.	44' 1"	11' 10"	13' 10"	93,000lbs	68'7"x11'9"x18"	36"	29'	4' - 18"
DZH6000TKT	107 tons per hr or 749 yd ³ per hr	131 tons per hr or 524 yd ³ per hr	84 tons per hr or 252 yd ³ per hr	C27 1050HP Tier 4	590 gallons	170 gallons	63 1/4" x 20" x 34"	28 @ 90 lbs ea	42"	63 X 52"	4,320 sq. in.	52' 2"	11' 11"	14' 4"	116,000 lbs.	52'10"x11'11"x14'	60"	23'	14'
DZH7000	143 tons per hr or 1000 yd ³ per hr	175 tons per hr or 700 yd ³ per hr	120 tons per hr or 360 yd ³ per hr	C27 1050HP Tier 4/ C32 1200HP Tier 4	545 gallons	170 gallons	67 1/2" x 20' 4" x 35"	30 @ 140 lbs ea	52"	68" X 54"	5,760 sq. in.	47' 7"	11' 11"	13' 11"	105,000 lbs.	72'6"x11'9"x14'6"	42"	29'	4' -18"
DZH7000TKT	143 tons per hr or 1000 yd ³ per hr	175 tons per hr or 700 yd ³ per hr	120 tons per hr or 360 yd ³ per hr	C27 1050HP Tier 4/ C32 1200HP Tier 4	580 gallons	170 gallons	67 3/4" x 20' 4" x 44"	30 @ 140 lbs ea	52"	68" X 54"	5,760 sq. in.	47' 4"	11' 11"	12' 11"	136,000 lbs.	55'6"x11'11"x14'	66"	22' 1"	14'

Tube Models	Pallet & Construction Waste Processing Rate	Brush & Yard Waste Processing Rate	Stumps & Logs Processing Rate	Engine (1) Type	Fuel Tank Capacity	Hydraulic Tank Capacity	Inner Tub Diameters (Top x Base)	Hammer Amount	Hammermill Diameter	Mill Feed Opening Dimensions (W X H)	Mill Screens Total Surface Area	Grinder Transporting Length	Grinder Transporting Width	Grinder Transporting Height	Grinder Average Total Transporting Net Weight	Operating Dimensions LxWxH	Phase II Conveyor Width	Phase II Conveyor Length	Phase II Conveyor Stacking Height
DZT1136B	45 tons per hr or 315 yd ³ per hr	40 tons per hr or 160 yd ³ per hr	30 tons per hr or 90 yd ³ per hr	C13 440HP Tier 4	266 gallons	70 gallons	11" x 7' 8"	14 @ 41 lbs ea	28 1/2"	27" x 36"	2,145 sq. in.	29'	11'	12'	43,000 lbs.	46'10"x11'x14'	26"	22'	4' -16'
DZT1248B	60 tons per hr or 420 yd ³ per hr	55 tons per hr or 220 yd ³ per hr	45 tons per hr or 135 yd ³ per hr	C18 755HP Tier 4	266 gallons	70 gallons	12" x 8' 6"	20 @ 41 lbs ea	28 1/2"	27" X 48"	3,013 sq. in.	32' 11"	11' 11"	12' 3"	53,000 lbs.	60'2"x12'x14'	26"	28'	4' -16'
DZT1248BTK	60 tons per hr or 420 yd ³ per hr	55 tons per hr or 220 yd ³ per hr	45 tons per hr or 135 yd ³ per hr	C18 755HP Tier 4	266 gallons	70 gallons	12" x 8' 6"	20 @ 41 lbs ea	28 1/2"	27" X 48"	3,013 sq. in.	38' 3"	11' 8"	12' 6"	68,000 lbs.	45'11"x12'x13'2"	42"	23'	14'
DZT1352B	85 tons per hr or 595 yd ³ per hr	75 tons per hr or 300 yd ³ per hr	60 tons per hr or 180 yd ³ per hr	C27 875HP Tier 4	290 gallons	70 gallons	13' x 9' 3"	22 @ 41 lbs ea	28 1/2"	28 1/2" x 52"	3,415 sq. in.	42' 6"	11' 11"	14'	56,000 lbs.	56'11"x13'x16'*	30"	28'	4' -16'
DZT1352BL	85 tons per hr or 595 yd ³ per hr	75 tons per hr or 300 yd ³ per hr	60 tons per hr or 180 yd ³ per hr	C27 875HP Tier 4	355 gallons	104 gallons	13' x 9' 3"	22 @ 41 lbs ea	28 1/2"	28 1/2" x 52"	3,415 sq. in.	45' 9"	11' 11"	14'	80,000 lbs.	68'6"x11'11"x13'11"	30"	29'	4' - 17'
DZT1352BTK	85 tons per hr or 595 yd ³ per hr	75 tons per hr or 300 yd ³ per hr	60 tons per hr or 180 yd ³ per hr	C27 875HP Tier 4	290 gallons	70 gallons	13' x 9' 3"	22 @ 41 lbs ea	28 1/2"	28 1/2" x 52"	3,415 sq. in.	37' 10"	11' 11"	12' 7"	74,000 lbs.	45'6"x11'11"x13'2"	30"	28"	13' 6"
DZT1460B	95 tons per hr or 665 yd ³ per hr	85 tons per hr or 340 yd ³ per hr	70 tons per hr or 210 yd ³ per hr	C27 1050HP Tier 4	457 gallons	115 gallons	14' x 10' 5"	26 @ 41 lbs ea	28 1/2"	27" X 60"	3,960 sq. in.	35' 10"	11' 9"	13' 5"	63,000 lbs.	61'10"x14'x12'4"	30"	28'	4' -18"
DZT1460BL	95 tons per hr or 665 yd ³ per hr	85 tons per hr or 340 yd ³ per hr	70 tons per hr or 210 yd ³ per hr	C27 1050HP Tier 4	385 gallons	104 gallons	14' x 10' 5"	26 @ 41 lbs ea	28 1/2"	27" X 60"	3,960 sq. in.	45' 9"	11' 11"	14'	84,000 lbs.	72'11"x11'10"x12'5"	30"	29'	4' -18"
DZT1460BTK	95 tons per hr or 665 yd ³ per hr	85 tons per hr or 340 yd ³ per hr	70 tons per hr or 210 yd ³ per hr	C27 1050HP Tier 4	457 gallons	115 gallons	14' x 10' 5"	26 @ 41 lbs ea	28 1/2"	27" X 60"	3,960 sq. in.	37' 10"	11' 12"	12' 6"	74,000 lbs.	45'6"x11'12"x13'2"	42"	23'	13' 6"
DZT1463B	120 tons per hr or 800 yd ³ per hr	250 tons per hr. or 1000 yd per hr.	180 tons per hr. or 540 yd per hr.	C27 1050HP Tier 4/ C32 1200HP Tier 4	850 gallons	120 gallons	14' x 10' 5"	26 @ 120 lbs. ea.	26 @ 120 lbs. ea.	40" X 62"	6,795 sq. in.	48' 2"	11' 11"	13' 10"	98,000 lbs.	73'6"x14'x14'9"	36"	30'	4' - 17'
DZT1463BT	130 tons per hr or 910 yd ³ per hr	180 tons per hr or 720 yd ³ per hr	150 tons per hr or 450 yd ³ per hr	(2)C27 1050HP Tier 4	532 gallons	120 gallons	14' x 10' 5"	26 @ 120 lbs. ea.	47 1/2"	40" X 62"	6,758 sq. in.	51'	11' 11"	13' 4"	107,000 lbs.	71'4"x14'x18'2"	36"	29'	4' -16'
E6000B	95 tons per hr or 665 yd ³ per hr	85 tons per hr or 340 yd ³ per hr	70 tons per hr or 210 yd ³ per hr	C27 1050HP Tier 4	290 gallons	90 gallons	11' x 11'	26 @ 40 lbs. ea.	28 1/2"	27" X 60"	3,960 sq. in.	46'	11' 11"	13' 10"	89,000 lbs.	68'2"x11'11"x14'8"	30"	29'	4' - 16'
DZT8000	105 tons per hr or 735 yd ³ per hr	120 tons per hr or 480 yd ³ per hr	90 tons per hr or 270 yd ³ per hr	C27 1050HP Tier 4	450 gallons	97 gallons	14' x 10' 5"	26 @ 83 lbs. ea.	38"	32 1/2" X 60"	4,800 sq. in.	40' 1"	11' 11"	13' 7"	77,000 lbs.	65'4"x14'x18"	36"	28' 4"	4' - 18"
DZT8000TKT	105 tons per hr or 735 yd ³ per hr	120 tons per hr or 480 yd ³ per hr	90 tons per hr or 270 yd ³ per hr	C27 1050HP Tier 4	450 gallons	97 gallons	14' x 10' 5"	26 @ 83 lbs. ea.	38"	32 1/2" X 60"	4,800 sq. in.	45' 7"	11' 11"	13' 7"	99,000 lbs.	49'11"x14'x13'	54"	21' 2"	13' 5"
SWG1600	MSW @ 200 tons per hour	N/A	N/A	C32 1200HP Tier 4	(4) @ 1300 gallons total	N/A	16'	26	N/A	n/a	N/A	44'	13' 10"	15'	160,000 lbs.	63'3"x47'5"x16'8"	72"	50'	14' 6"

Specifications subject to change without notice.
Actual Production rates will vary depending on many variables, i.e. moisture content, screen size, product size.
Reconfirm all specifications upon order.
International models available with Tier 2 engines where allowed