



# **ELECTRIC SERIES INDUSTRIAL GRINDERS**

Spanning over four decades, CW Mill Equipment Co., Inc. has been manufacturing electric powered grinders in addition to its diesel powered units. CW's 800 HP Electric HogZilla Grinders are what experienced buyers are looking for today with increased efficiency, reduced maintenance, massive construction, simplicity, and steady mill RPM generating amazing production from its 46" diameter, super-colossal, 12 pin, hammermill that has an 8 3/4" main shaft. Although CW offers many other sizes and configurations, the models shown here are stationary units mounted onto a foundation and equipped with tubs constructed from 1/2" thick steel. The tub floor is made of 3/4" thick abrasion resistant steel, and the belly conveyor is 72" wide. One of the several available thrown object restraint options is included on the units shown. A wide range of options is also available including portability options for moving the grinder.

Model TCII-1664SE  
shown with  
Stationary  
Tub Guard,  
16 ft Tub  
& Custom  
Enclosure



**A HogZilla Electric  
Grinder will provide  
significant savings.**


As the cost of diesel fuel has increased, electric powered wood grinders have become the grinder of choice for an increasing number of grinding professionals.



Model TC-1564SE shown with  
Stationary Tub Guard and 15 Foot Tub

**Dual 400 hp electric motors, rated at 460 volts, drive the 46" diameter, super-colossal, 12 pin hammermill that has an 8 ¼" main shaft.**



**TECO**  **Westinghouse** <sup>®</sup> CW Mill chose to equip our HogZilla electric series Grinder with motors from **TECO-Westinghouse Motor Company** <sup>®</sup> since they are a leading manufacturer of electric motors and supply motor controls, provide engineering services, & provide genuine Westinghouse parts. Photos above show a MAX-HT<sup>®</sup> High Torque Crusher Motor, cooled by a totally enclosed fan. (Other Motors & Controls available.)



**HogZilla Grinders...  
Engineered for Performance...  
Built for Reliability.**

Since transportation restrictions are not a concern, we are able to build the tub with heavier duty ½" thick plate (⅜" STD). The tub floor is built with ¾" Abrasive Resistant (AR) plate, (½" STD).

# Electric Stationary Savings & Production



**Customer Testimonial**

A HogZilla electric grinder owner reports saving approx. \$20,000.00 per month with his 800hp Electric unit over a 1,000 hp diesel unit. The customer states that he was spending approx. \$30,000.00 to \$40,000.00 /month in diesel fuel and diesel engine maintenance related expenses. The total electric bill for one month was \$13,000.00 with his electric unit, and maintenance was easy. Costs were reduced and reliability was increased.

The customer did note that his layout and organization within the yard had to change with the stationary unit as material had to be staged differently for loading. His past portable diesel unit used to move from pile to pile, but now his material all moves to a centralized grinder location. The customer reports that better organizing his location with a centralized grinder has been a productive improvement.

Production from the customer's 800hp electric unit was reported to be similar to a 1,000hp diesel unit that was owned in the past. The estimated production rates for material going through 6" screens in the TC-1564SE are as follows:

Yardwaste: 150-200 TPH (tons per hour)

Stumps & Logs: 85-100 TPH

Pallets & Construction Waste: 75-100 TPH

(Report of customer comments is not a performance guarantee.)

**Savings? Electric vs. Diesel...**

**In most cases, the savings you will notice, when using electric power, will make your grinder payment every month, allowing you to keep more money in your own pocket!!**

**Call HogZilla Today!!**



# COMPARISON BETWEEN A DIESEL POWERED AND ELECTRIC POWERED HOGZILLA GRINDER

<b>Cat C-27 (1050 hp @ 2100 rpm)</b> <i>(Running at Maximum Horsepower)</i>		<b>2-400hp Electric Motors @ 460V</b> <i>(Additional motors equal a combined 120 HP)</i>	
Fuel Used/Hour (max).....51 Gal		KW/Hour (max).....701	
Fuel Used/Day 8 hr (max).....408 Gal		KW-Hour/Day 8hr (max).....5608	
Fuel Used/Month 20 day (max).....8160 Gal		KW-Hour/Month 20 day (max)..... 112160	
<b>Off Road Fuel Cost</b>	<b>Cost Per Hour</b>	<b>\$/KW-HR</b>	<b>\$/HR</b>
\$2.50/Gal.....	\$127.50	\$0.06.....	\$42.06
\$2.75/Gal.....	\$140.25	\$0.09.....	\$63.09
\$3.00/Gal.....	\$153.00	\$0.12.....	\$84.12
\$3.25/Gal.....	\$165.75	\$0.15.....	\$105.15
\$3.50/Gal.....	\$178.50	\$0.18.....	\$126.18
<b>Cost Per Hour</b>	<b>Cost-Day 8 hr</b>	<b>Cost Per Hour</b>	<b>Cost-Day 8 hr</b>
\$127.50 @ \$2.50.....	\$1,020.00	\$42.06 @ \$0.06.....	\$336.48
\$140.25 @ \$2.75.....	\$1,122.00	\$63.09 @ \$0.09.....	\$504.72
\$153.00 @ \$3.00.....	\$1,224.00	\$84.12 @ \$0.12.....	\$672.96
\$165.75 @ \$3.25.....	\$1,326.00	\$105.15 @ \$0.15.....	\$841.20
\$178.50 @ \$3.50.....	\$1,428.00	\$126.18 @ \$0.18.....	\$1,009.44
<b>Cost-Day 8 hr</b>	<b>Cost-Month 20 day</b>	<b>Cost-Day 8 hr</b>	<b>Cost-Month 20 day</b>
\$1,020.00 @ \$2.50.....	\$20,400.00	\$336.48 @ \$0.06.....	\$6,729.60
\$1,122.00 @ \$2.75.....	\$22,440.00	\$504.72 @ \$0.09.....	\$10,094.40
\$1,224.00 @ \$3.00.....	\$24,480.00	\$672.96 @ \$0.12.....	\$13,459.20
\$1,326.00 @ \$3.25.....	\$26,520.00	\$841.20 @ \$0.15.....	\$16,824.00
\$1,428.00 @ \$3.50.....	\$28,560.00	\$1,009.44 @ \$0.18.....	\$20,188.80

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Represented By: