

2 1260

REQUESTED BY

APPLICATION: IND CONT 100A

IDENTIFICATION: 3408 DITA DRY
 HP: 501
 RPM: 2100

Exhaust Constituent	Pounds per Hour	Grams per Hour	Parts per Million (Wet)	Percent	
				by Volume	by Weight
CO2	509.7	226557	73205	7.32	11.35
H2	3970.7	1801060	762168	16.22	73.93
O2	541.9	245804	92303	9.23	10.09
H2O	241.3	109433	71061	7.11	4.49
CO	1.6	720	306	0.03	0.03
NO (NOTE 1)	4.6	2080		0.08	0.09
NOX	7.0	3181	82	0.00	0.00
HC	0.2	80	6	0.01	0.00
SO2	0.8	351	6	0.01	0.01
DPM (NOTE 2)	0.5	206			

SMOKE (Cat Units).....	0.14				g/n cu.M
FUEL RATE.....	193.65 lb/HR			g/hr	(NOTE 3)
INLET AIR FLOW.....	5177 lb/HR				
EXHAUST FLOW RATE.....	5371 lb/HR		NOX		2.288
EXH. FLOW (60 deg F. and 760mm Hg).	1178 SCFM		CO		0.518
EXH. FLOW (932 deg F. stack temp).	3155 CFM		HC		0.058

NOTES: 1. The NOX shown is not present in the exhaust but rather is formed in the atmosphere from the CO present in the exhaust.

2. Dry particulate matter is an approximation based on smoke density and therefore is not included in the total exhaust flow rate.

3. Grams per normal cubic meter values corrected to 5% Oxygen

Both the CO and NOX are corrected to 9% relative humidity

The SO2 is based on a SULFUR content of 0.2 pct. (by wt)

Portable Tub Grinder Model PWG 1260



SPECIFICATIONS

ENGINE – CAT 3408 505 H.P. with optional 3412 650 H.P.

DRIVE – Twin Disc 18" Clutch and 1800 series driveline with torque limiter

ROTOR – 17 1/2" x 60"

HAMMER SWING – 25 1/2"

HAMMERS – 26 or 52 with replaceable tips

HAMMER WEIGHT – 22 lbs. Swinging, 38 lbs. Fixed

SCREEN SIZE – Various Sizes

SCREEN THICKNESS – 3/4"

SCREEN AREA – 3,720 square inches

WEIGHT – 54,000 lbs. with 3408 CAT

CONVEYOR – 46" x 16' hydraulic driven with reverse for easier cleaning

ELEVATOR – 30" x 30' hydraulic driven with reverse

ELEVATOR – Folds and elevates by hydraulic controls for fast and easy operation

FUEL – Capacity 330 gallons

HYDRAULIC – Capacity 100 gallons

TUB – 11' 11" flange funnels down to 9' 8" inside diameter, hydraulic drive with electronic auto stop and start for load control with electronic auto reverse

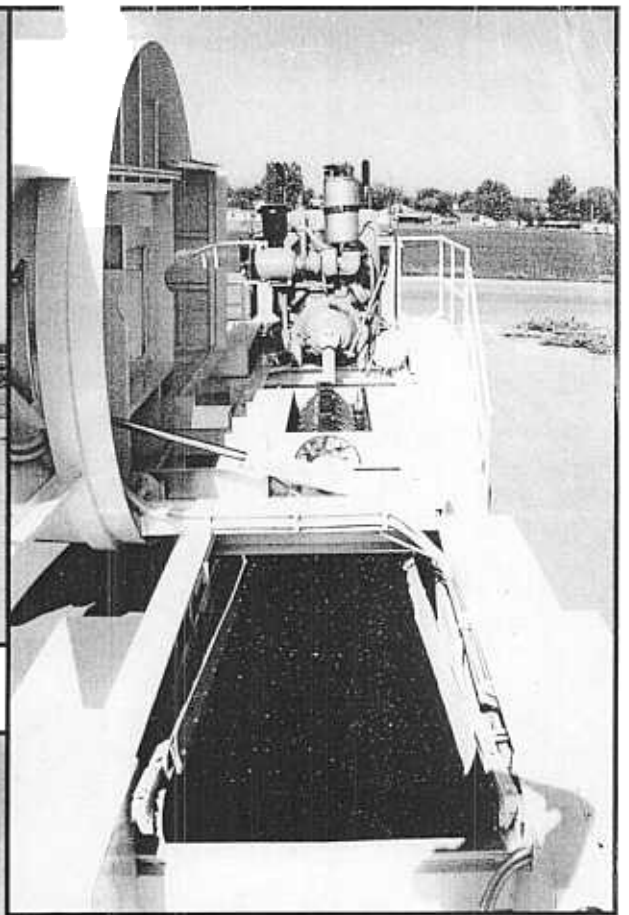
HEIGHT – 12' 7"

LENGTH – 38'





Conveyor folds conveniently and easily over tub for transport. Setup time and transport preparation time under 5 minutes.



Over 90° hydraulic tub tilt for easy access to hammers, screens, and drive system for ease of maintenance and service. Also, convenient for quick removal of metal and other unwanted foreign material. Hydraulic tub latch locks tub down for safety during operation. During operation, a deflector shield helps keep material from being thrown from tub towards operator, for added safety. Hammers have replaceable tips to eliminate hard facing and reduces down-time by 80%.



The Diamond Z Grinder will easily grind landfill waste, pallets, demolition and limbs 36" and under in diameter.

Production Rate

Pallets & Construction Waste	25 to 50 Tons Per Hour
Brush & Yardwaste	25 to 45 Tons Per Hour
Stumps & Logs	10 to 25 Tons Per Hour



Diamond Z
MANUFACTURING