



TESLA ECO SYSTEMS

WASTEGONE

Eco Decomposition System

PRODUCT SPECIFICATIONS

	MODEL WG5T	MODEL WG10T
CAPACITY (TON/24 HRS)	5	10
DIMENSIONS (L x W x H, IN METERS)		
STRUCTURE	17,5 x 8,5 x 5,0	18,0 x 8,5 x 5,0
REQUIRED TOTAL OPERATING SPACE	20,5 x 11,5 x 5,0	21,0 x 11,5 x 5,0
INPUT		
HOURS PER FEED*	2 - 3	2 - 3
KILOGRAMS PER FEED	413 - 625	925 - 1.250
LOADING	AUTO/MANUAL	AUTO/MANUAL
HOPPER DOOR CONTROL	BY PLC	BY PLC
POWER CONSUMPTION		
SECUNDAIRY DEVICES (kW/HR)		
3 WET SCRUBBERS (5 HP)	4,5	4,5
PLC CONTROL PANEL	NEGLIGIBLE	NEGLIGIBLE
HOPPER DOOR (2 HP)	1,5	1,5
CONVEYOR BELT (2 HP)	1,5	1,5
ASH CONVEYOR (2 HP)	2,25	2,25
BLOWER + 3 WATER PUMPS (5 HP)	3,75	3,75
WATER CONSUMPTION (LITERS/3 MONTHS)		
3 WATER TANKS (1,5 M ³ /TANK)	4500	4500
OUTPUT**		
ECO FRIENDLY ASH (KGS/24 HRS)	17	33
BIO SLUDGE (KGS/24 HRS)	NEGLIGIBLE	NEGLIGIBLE
MAX. GREEN POWER GENERATED (kW/HR)	60	120

NOTE: SPECIFICATIONS MAY CHANGE DUE TO CONTINUOUS IMPROVEMENT

* Depending on calorific value of solid waste

** Approximately, using mixed solid waste and depending on its content



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	MODEL WG20T	MODEL WG40T	MODEL WG60T
CAPACITY (TON/24 HRS)	20	40	60
DIMENSIONS (L x W x H, IN METERS)			
STRUCTURE	19,0 x 8,8 x 5,5	19,5 x 8,8 x 7,0	19,5 x 9,0 x 7,0
REQUIRED TOTAL OPERATING SPACE	22,0 x 11,8 x 5,5	22,5 x 11,8 x 7,0	22,5 x 12,0 x 7,0
INPUT			
HOURS PER FEED*	2 - 3	2 - 3	2 - 3
KILOGRAMS PER FEED	1.650 - 2.500	3.300 - 5.000	5.950 - 7.500
LOADING	AUTO/MANUAL	AUTO/MANUAL	AUTO/MANUAL
HOPPER DOOR CONTROL	BY PLC	BY PLC	BY PLC
POWER CONSUMPTION			
SECUNDAIRY DEVICES (kW/HR)			
3 WET SCRUBBERS (5 HP)	4,5	4,5	4,5
PLC CONTROL PANEL	NEGLIGIBLE	NEGLIGIBLE	NEGLIGIBLE
HOPPER DOOR (2 HP)	1,5	1,5	1,5
CONVEYOR BELT (2 HP)	1,5	1,5	1,5
ASH CONVEYOR (2 HP)	2,25	2,25	2,25
BLOWER + 3 WATER PUMPS (5 - 7,5 HP)	3,75	5,60	5,60
WATER CONSUMPTION (LITERS/3 MONTHS)			
3 WATER TANKS (1,5 M ³ /TANK)	4500	4500	4500
OUTPUT**			
ECO FRIENDLY ASH (KGS/24 HRS)	66	132	198
BIO SLUDGE (KGS/24 HRS)	NEGLIGIBLE	NEGLIGIBLE	NEGLIGIBLE
MAX. GREEN POWER GENERATED (kW/HR)	220	400	620

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PRODUCT SPECIFICATIONS

	MODEL WG80T	MODEL WG100T
CAPACITY (TON/24 HRS)	80	100
DIMENSIONS (L x W x H, IN METERS)		
STRUCTURE	17,0 x 9,5 x 7,0	18,0 x 12,5 x 7,5
REQUIRED TOTAL OPERATING SPACE	20,0 x 12,5 x 7,0	21,0 x 15,5 x 7,5
INPUT		
HOURS PER FEED*	2 - 3	2 - 3
KILOGRAMS PER FEED	7.600 - 10.000	9.250 - 12.500
LOADING	AUTO/MANUAL	AUTO/MANUAL
HOPPER DOOR CONTROL	BY PLC	BY PLC
POWER CONSUMPTION		
SECUNDAIRY DEVICES (kW/HR)		
3 WET SCRUBBERS (5 HP)	4,5	4,5
PLC CONTROL PANEL	NEGLIGIBLE	NEGLIGIBLE
3 HOPPER DOORS (6HP)	4,5	4,5
CONVEYOR BELT (2 HP)	1,5	1,5
ASH CONVEYOR (2 HP)	2,25	2,25
BLOWER + 3 WATER PUMPS (10 HP)	7,45	7,45
WATER CONSUMPTION (LITERS/3 MONTHS)		
3 WATER TANKS (1,5 M ³ /TANK)	4.500	4.500
OUTPUT**		
ECO FRIENDLY ASH (KGS/24 HRS)	264	330
BIO SLUDGE (KGS/24 HRS)	NEGLIGIBLE	NEGLIGIBLE
MAX. GREEN POWER GENERATED (kW/HR)	850	1.200

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