

The Rhino Digester System



- Process your waste with a Rhino

Unique Benefits:

- ✓ Feed and forget – automated
- ✓ Completely sealed – no odor
- ✓ Field tested
- ✓ Integrated feed station
- ✓ Control & monitoring system
- ✓ IoT based data and monitoring
- ✓ Minimum site work – only piping & electrical connections
- ✓ Professional service
- ✓ Indigenous Patented technology



Advantages:

- ✓ Generates energy in the form of Bio-gas
- ✓ Generates ready to use organic fertilizer
- ✓ Minimum manpower
- ✓ Compact – minimum space
- ✓ No odor or rodents
- ✓ Waste can be piped directly from kitchen to system



Specifications:

Rhino Model	Biogas kg/day	Power supply	Power kW-hr/day
75	6	415 VAC	10
150	12	415 VAC	15
300	24	415 VAC	25
500	40	415 VAC	40
1000	80	415 VAC	60



Control System	<ul style="list-style-type: none"> Microprocessor based
Maximum Waste Processing Capacity	<ul style="list-style-type: none"> 75 to 500 kg/day <p style="text-align: right;">*Under standard test conditions</p>
Type of waste	<ul style="list-style-type: none"> Mixed kitchen waste
Bio-gas generated	<ul style="list-style-type: none"> Approx. 10% of waste input
Typical bio-gas composition	<ul style="list-style-type: none"> 60-70% Methane Balance CO₂ Moisture and traces of H₂S
Bio-gas storage	<ul style="list-style-type: none"> Integrated Max. 8 bar(g)
Organic fertilizer generated	<ul style="list-style-type: none"> Liquid fertilizer Approx. equal to waste input
Water Requirement	<ul style="list-style-type: none"> Minimal – only for cleaning Free of chemicals
Manual Log	<ul style="list-style-type: none"> Waste feed
Feed station	<ul style="list-style-type: none"> Yes - integrated
Warranty	<ul style="list-style-type: none"> One year

* Specifications subject to change without notice.

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