

FOOD WASTE COMPOSTERS

AN ON-SITE WASTE REDUCTION SOLUTION



oklin

www.oklininternational.com

OKLIN'S COMPOSTERS

WHAT ARE OKLIN'S COMPOSTERS?

Oklin's food waste composters are in-vessel machines that use a microbial technology to compost organic waste and reduce volume by up to 90% in 24 hours. The output is an immature compost that is then cured and used as a soil amendment in various horticulture applications.

OKLIN'S ACIDULO™ MICROBES

Oklin's proprietary blend of microbes specialize in composting food waste under an aerobic environment. These microorganisms are active in temperatures of 50°C (122°F) or higher, posing no threat to humans or animals.

WHY OKLIN'S COMPOSTERS?

Oklin's food waste composters offer an on-site waste reduction solution that is user friendly and minimizes odour and pests. Our machines offer many advantages over other waste management solutions including:

1. EFFICIENCY - turn food waste into compost in 24 hours and reduce waste volume
2. FLEXIBILITY - input food waste and offload compost at your convenience
3. ECONOMICAL - reduce waste management costs
4. SPACE SAVING - reduce the need for multiple organic totes
5. HEALTH PERCEPTION - odour controlled and sealed doors to deter pests
6. SUSTAINABLE - divert waste from landfill and produce a reusable by-product
7. HYGIENIZATION - eliminate potentially harmful pathogens and bacteria from the compost (conforms to European Union Regulation (EC) No. 142/2011)
8. YOUR CONTRIBUTION TO THE EARTH

WHY COMPOST FOOD SCRAPS?

Food scraps at landfill create methane gas - one of the gasses that contribute to global warming. By composting food scraps with Oklin's composters, methane gas can be reduced, and by decreasing number of tote pick-ups per week, carbon footprint is also reduced.

WHAT DO I DO WITH THE COMPOST?

The output from Oklin's composter is an immature compost that can be used in horticulture applications at a 1:10 (compost:soil) ratio. Alternative, it can be cured for 30 days, and used directly in landscaping applications, or as fertilizer.



OKLIN's COMPOSTERS

MEDIUM CAPACITY

This series of food waste composters are appropriate for applications where moderate amounts of food waste is generated.



GG 10s

INPUT CAPACITY: 25-30kg/day; 10 tons/year

DEODORIZER: 410mm W x 580mm D x 980mm H; 46kg

COMMON APPLICATIONS: small-scale residential buildings

VOLTAGE: single phase 110-240V 50/60Hz

Machine Dimensions:

1,160mm W x 620mm D x 1,030mm H; 190kg



GG 30s

INPUT CAPACITY: 75-90kg/day; 30 tons/year

DEODORIZER: 510mm W x 800mm D x 1,300mm H; 130kg

COMMON APPLICATIONS:

medium-scale residential buildings and restaurants

VOLTAGE: three phase 200-480V 50/60Hz

Machine Dimensions:

1,960 W x 870mm D x 1,250mm H; 450kg



GG 50s

INPUT CAPACITY: 125-150kg/day; 50 tons/year

DEODORIZER: 510mm W x 800mm D x 1,300mm H; 130kg

COMMON APPLICATIONS:

medium to large-scale residential buildings and restaurants,
retirement communities

VOLTAGE: three phase 200-480V 50/60Hz

Machine Dimensions:

2,155mm W x 1,060 mm D x 1,350mm H; 700kg

OKLIN's COMPOSTERS

HIGH CAPACITY

This series of food waste composters are appropriate for applications where large amounts of organic waste will be reduced on site



GG 100s

INPUT CAPACITY: 250-300kg/day; 100 tons/year

DEODORIZER x 2 UNITS: 510mm W x 800mm D x 1,300mm H; 130kg

COMMON APPLICATIONS: restaurants, schools, shopping centres, hotels

VOLTAGE: three phase 200-480V 50/60Hz

Machine Dimensions:

2,584mm W x 1,250mm D x 1,580mm H; 1,100kg



GG 200s

INPUT CAPACITY: 500-600kg/day; 300 tons/year

DEODORIZER x 2 UNITS: 510mm W x 800mm D x 1,300mm H; 130kg

BIN LIFTER: 1300mm W x 800mm D x 1961mm H

COMMON APPLICATIONS: schools, shopping centres, hotels

VOLTAGE: three phase 200-480V 50/60Hz

Machine Dimensions:

3,190mm W x 1,550mm D x 1,880mm H; 2,500kg

OKLIN's COMPOSTERS

HIGH CAPACITY

This series of food waste composters are appropriate for applications where large amounts of organic waste will be reduced on site



GG 300s

INPUT CAPACITY: 800-900kg/day; 300 tons/year

DEODORIZER x 2 UNITS: 510mm W x 800mm D x 1,300mm H; 130kg

BIN LIFTER: 1300mm W x 1600mm D x 2211mm H

COMMON APPLICATIONS: schools, shopping centres, hotels

VOLTAGE: three phase 200-480V 50/60Hz

Machine Dimensions (with safety rails):

4,700mm W x 1,800mm D x 3,105mm H; 3,500kg



GG 500s

INPUT CAPACITY: 1,350-1,500kg/day; 500 tons/year

DEODORIZER x 2 UNITS: 510mm W x 800mm D x 1,300mm H; 130kg

BIN LIFTER: 1,300mm W x 1,600mm D x 2,461mm H

COMMON APPLICATIONS: military bases, large residential complex, hotels

VOLTAGE: three phase 200-480V 50/60Hz

Machine Dimensions (with safety rails):

5,705mm W x 1,950mm D x 3,232mm H; 5,500kg

OKLIN COMPOSTERS

MEDIUM CAPACITY GG 10s



INPUT CAPACITY: **25-30kg/day; 10 tons/year**

TREATMENT TIME: **24 hours**

REDUCTION RATE: **80-90%**

COMMON APPLICATIONS: **Small-scale residential buildings, restaurants**

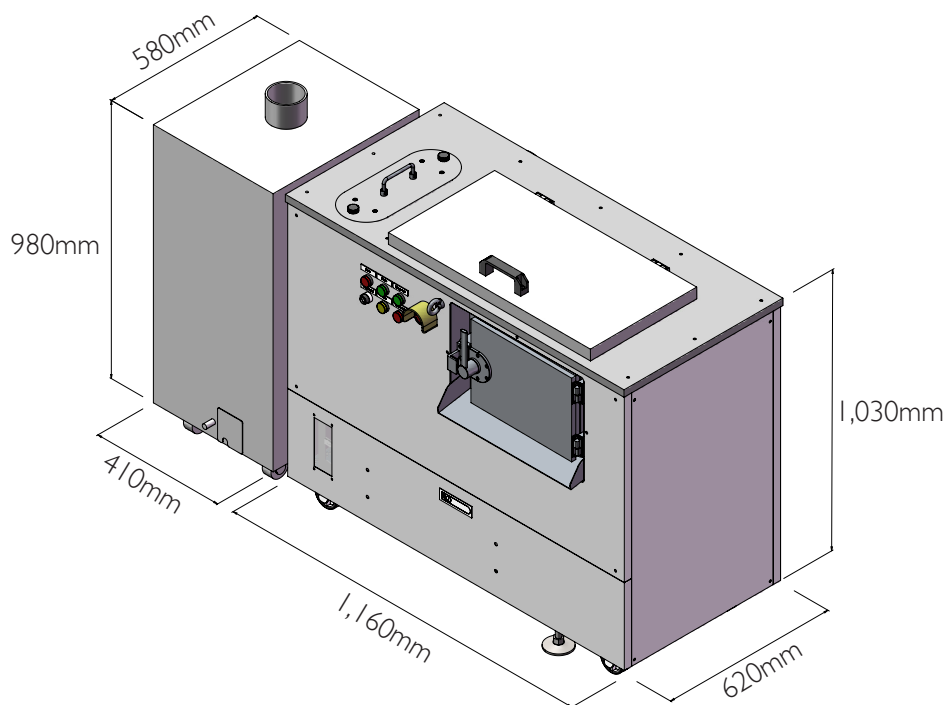
MAX POWER DRAW: **2.1 kW**

POWER CONSUMPTION: **310-944 kWh/month***

MACHINE WEIGHT: **240kg**

FEATURES: **Energy save mode, odour control, hygienization**

SAFETY FEATURES: **Emergency stop switch**
Mixing blades stop when door is open



**Actual power consumption may vary*

OKLIN COMPOSTERS

MEDIUM CAPACITY GG 30s



INPUT CAPACITY: **80-90kg/day; 30 tons/year**

TREATMENT TIME: **24 hours**

REDUCTION RATE: **80-90%**

COMMON APPLICATIONS: **Small to medium residential buildings, restaurants, communities**

MAX POWER DRAW: **4 kW**

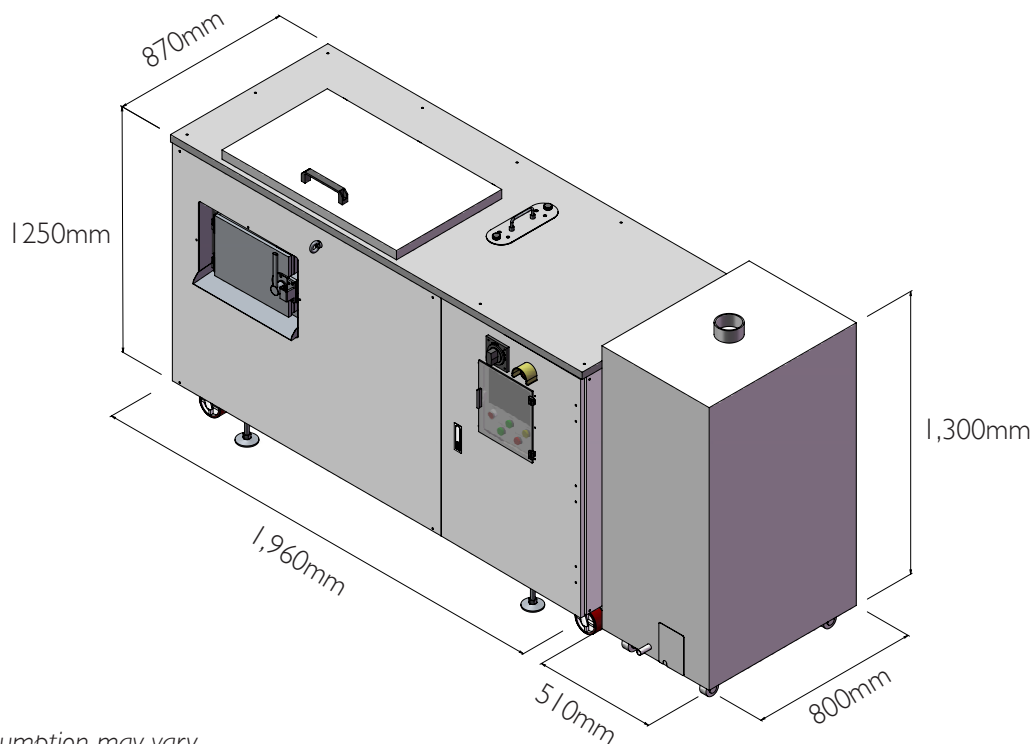
POWER CONSUMPTION: **694-1,787 kWh/month***

MACHINE WEIGHT: **450kg**

FEATURES: **Energy save mode, odour control, hygienization**

SAFETY FEATURES: **Emergency stop switch**

Mixing blades stop when door is open



**Actual power consumption may vary*

OKLIN COMPOSTERS

MEDIUM CAPACITY GG 50s



INPUT CAPACITY: 125-150kg/day; 50 tons/year

TREATMENT TIME: 24 hours

REDUCTION RATE: 80-90%

COMMON APPLICATIONS: Medium to large residential/commercial buildings, retirement communities, restaurants and schools, grocery stores

MAX POWER DRAW: 6 kW

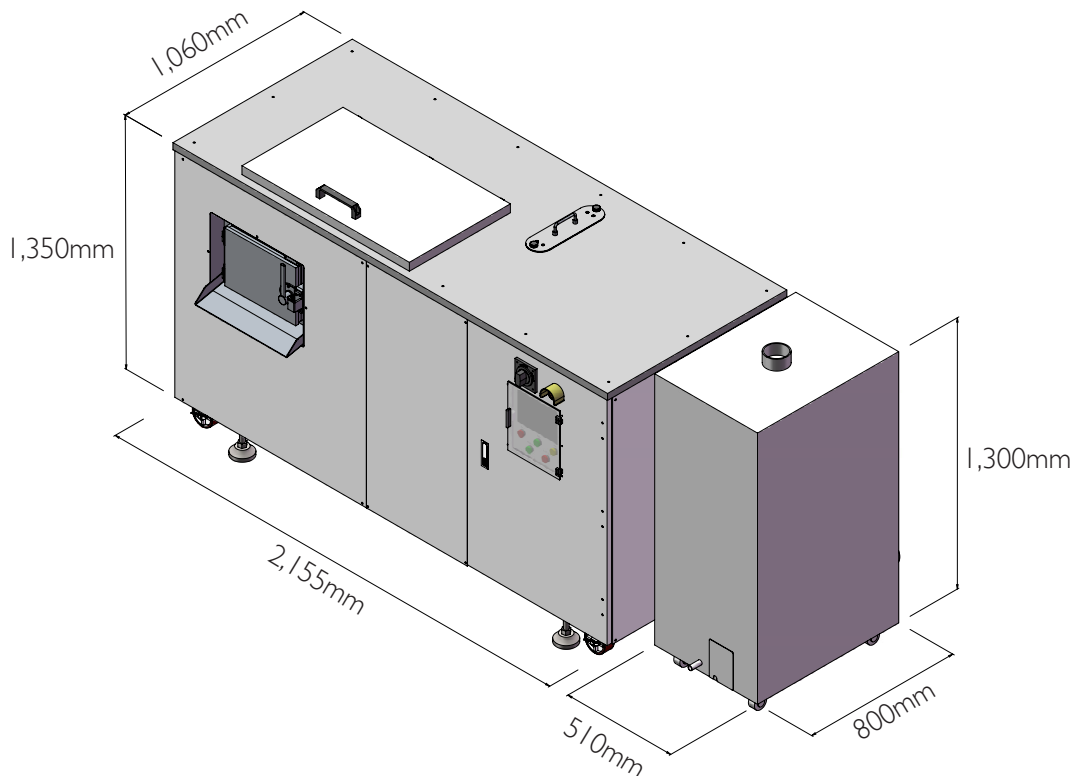
POWER CONSUMPTION: 987-2,664 kWh/month*

MACHINE WEIGHT: 660kg

FEATURES: Energy save mode, odour control, hygienization

SAFETY FEATURES: Emergency stop switch

Mixing blades stop when door is open



*Actual power consumption may vary

OKLIN COMPOSTERS

HIGH CAPACITY GG 100s



INPUT CAPACITY: **240-300kg/day; 100 tons/year**

TREATMENT TIME: **24 hours**

REDUCTION RATE: **80-90%**

COMMON APPLICATIONS: **Large residential/commercial buildings, retirement communities, schools, restaurants, shopping centres, hotels**

MAX POWER DRAW: **13 kW**

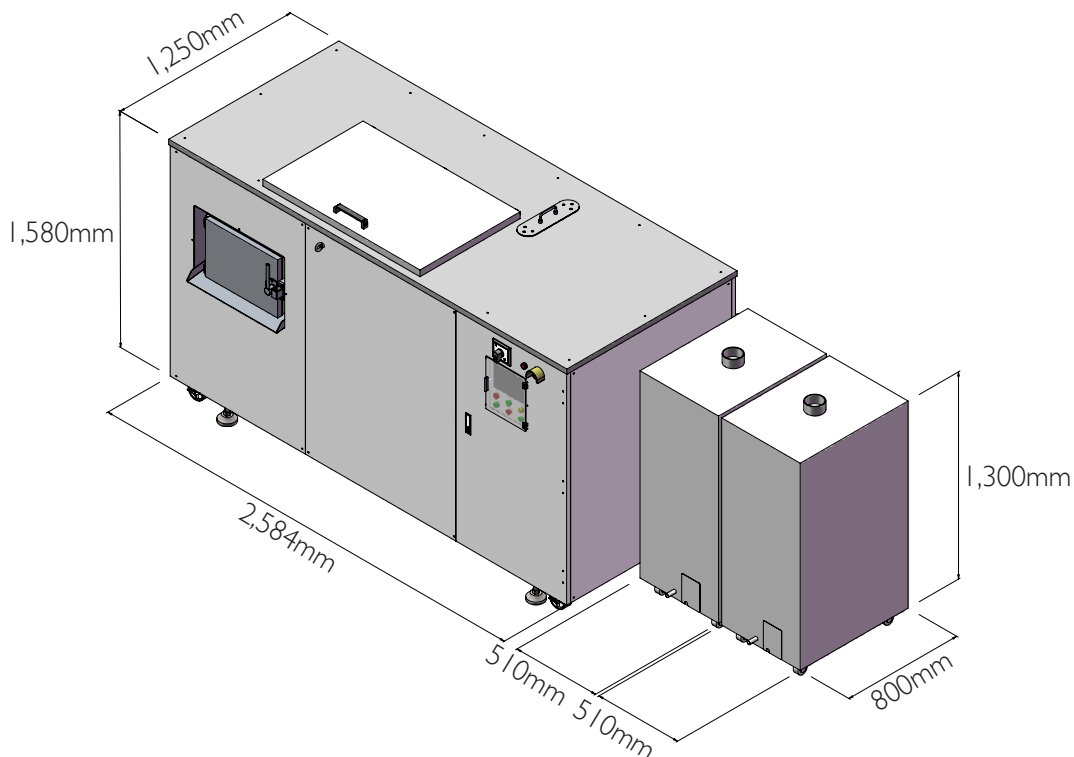
POWER CONSUMPTION: **1,949-5,297 kWh/month***

MACHINE WEIGHT: **1,100kg**

FEATURES: **Energy save mode, odour control, hygienization**

SAFETY FEATURES: **Emergency stop switch**

Mixing blades stop when door is open



**Actual power consumption may vary*

OKLIN COMPOSTERS

HIGH CAPACITY GG 200s



INPUT CAPACITY: **500-550kg/day; 200 tons/year**

TREATMENT TIME: **24 hours**

REDUCTION RATE: **80-90%**

COMMON APPLICATIONS: **Large residential buildings, retirement communities, schools, restaurants, shopping centres, hotels, hospitals**

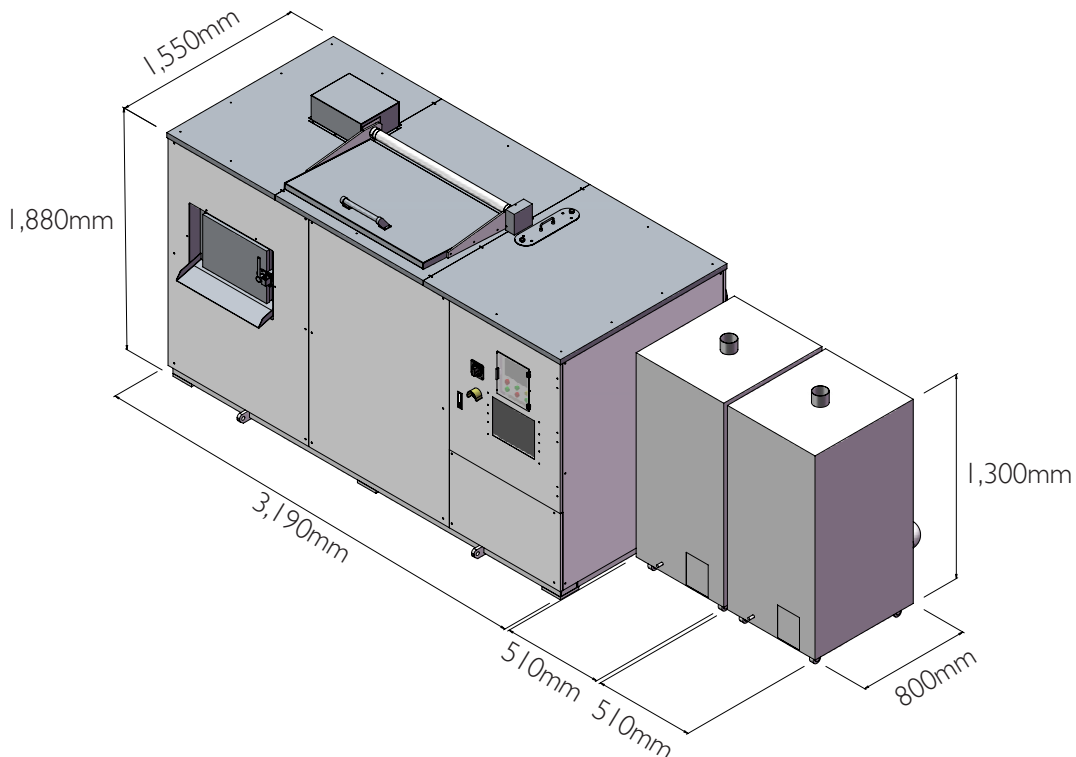
MAX POWER DRAW: **25 kW**

POWER CONSUMPTION: **3,088-8,575 kWh/month***

MACHINE WEIGHT: **2,500kg/5,510lbs**

FEATURES: **Energy save mode, odour control, hygienization**

SAFETY FEATURES: **Emergency stop switch**
mixing blades stop when door is open



**Actual power consumption may vary*

OKLIN COMPOSTERS

HIGH CAPACITY GG 300s



INPUT CAPACITY: **800-900kg/day; 300 tons/year**

TREATMENT TIME: **24 hours**

REDUCTION RATE: **80-90%**

COMMON APPLICATIONS: **Large residential/commercial buildings, shopping centres, schools, hotels, convention centres**

MAX POWER DRAW: **25 kW**

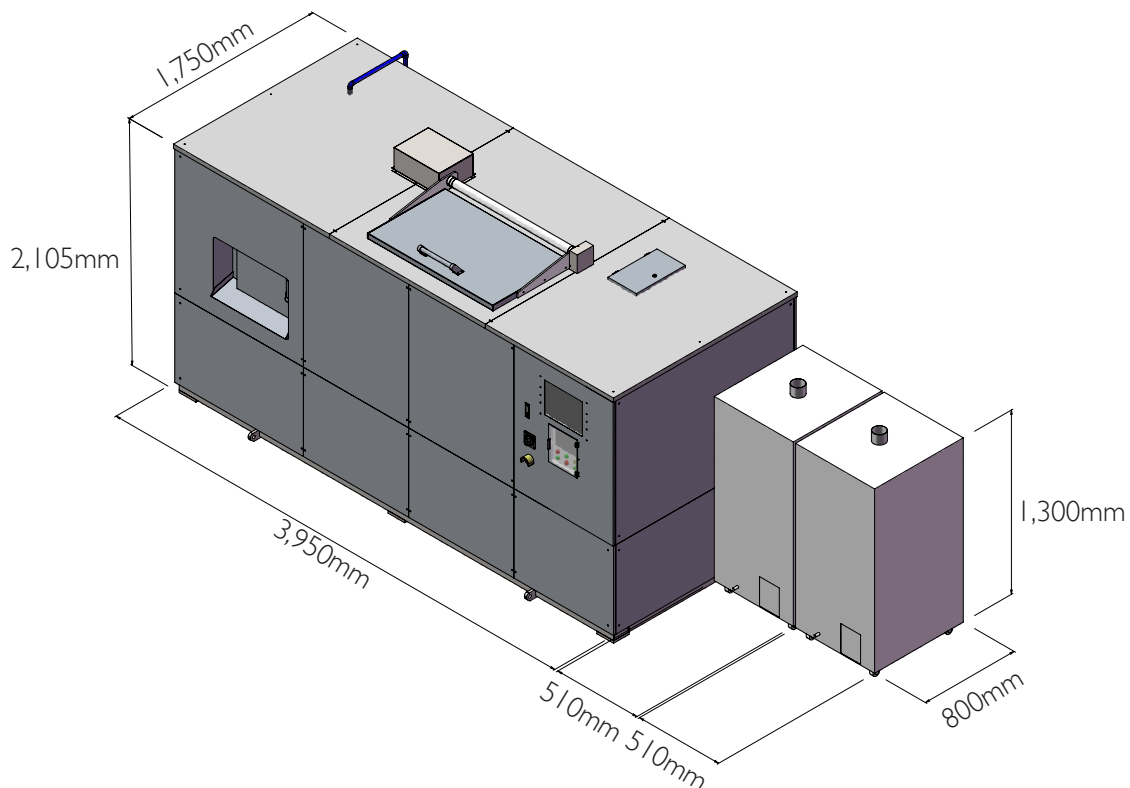
POWER CONSUMPTION: **3,953-10,885 kWh/month***

MACHINE WEIGHT: **3,500kg**

FEATURES: **Energy save mode, odour control, hygienization, infrared camera**

SAFETY FEATURES: **Emergency stop switch**

Mixing blades stop when door is open



**Actual power consumption may vary*

OKLIN COMPOSTERS

HIGH CAPACITY GG 500s



INPUT CAPACITY: **1350-1500kg/day; 500 tons/year**

TREATMENT TIME: **24 hours**

REDUCTION RATE: **80-90%**

COMMON APPLICATIONS: **Military bases, large residential complex, large-scale hotels**

MAX POWER DRAW: **45 kW**

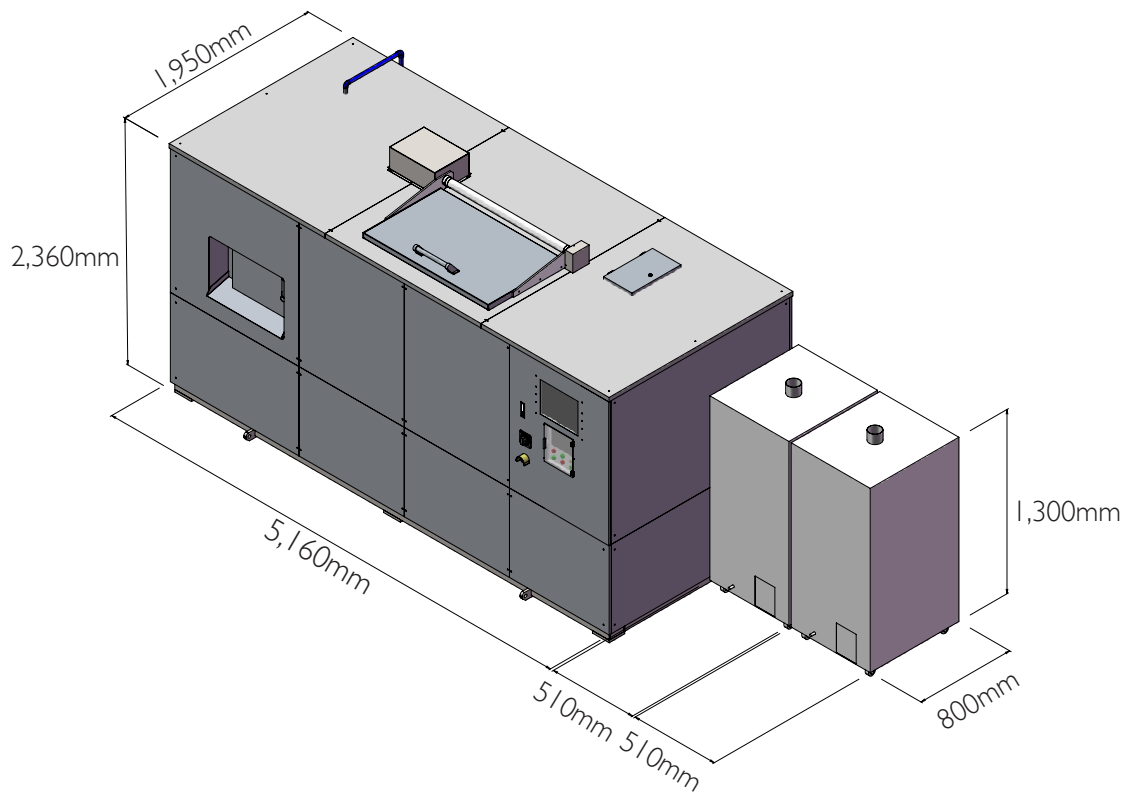
POWER CONSUMPTION: **7,796 - 19,732 kWh/month***

MACHINE WEIGHT: **5,500kg**

FEATURES: **Energy save mode, odour control, hygienization, infrared camera**

SAFETY FEATURES: **Emergency stop switch**

Mixing blades stop when door is open



**Actual power consumption may vary*

OKLIN's CASE STUDIES



Site: Volvo Penta
Location: Penta, Sweden
Machine: GG50s
Install Year: 2017



Site: Fazer Food Services
Location: Stockholm, Sweden
Machine: GG50s
Install Year: 2017



Site: Ramada Hotel & Suites Ajman
Location: Ajman, UAE
Machine: GG50s
Install Year: 2012
Publications: Caterer Middle East Vol 11 Issue 9



Site: Unilever Lipton Jebel Ali Factory
Location: Dubai UAE
Machine: GG100s
Install Year: 2013
Publications: Unilever Press Release 2013



Site: Ahold Supermarket
Location: Tabor, Czech Republic
Machine: GG30s
Install Year: 2016



Site: Macau International Airport
Location: Macau SAR
Machine: GG50
Install Year: 2013

OKLIN's CASE STUDIES



Site: Ahold Supermarket
Location: Kladno, Czech Republic
Machine: GG30s
Install Year: 2015



Site: Union Gospel Mission
Location: Vancouver, BC
Machine: GG100s
Install Year: 2015



Site: Barwon Health Hospital
Location: Geelong, Australia
Machine: GG100s
Install Year: 2013
Publications: The Fifth Estate June 2014



Site: Market Mall
Location: Calgary, Alberta
Machine: GG200s
Install Year: 2016



Site: Jiangle Composting Facility
Location: Fujian Province, China
Machine: GG500s
Install Year: 2016



Site: Guangzhou Fine Breed Swine Farm
Location: Guangzhou, China
Machine: GG300 x 2 units
Install Year: 2013

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