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Efficient solutions for a sustainable future.

FUTURE . INNOVATION .
EFFICIENCY . SUSTAINABILITY



M **MARS**
T R A D E R S
EMPOWER . EVOLVE

TURNING WASTE INTO WORTH:
SUSTAINABLE SOLUTIONS FOR A
CLEANER FUTURE

Clients



VARIKKASSERY MANA
OTTAPALAM | PALAKKAD



About Us

As a leading biogas all-rounder, we offer a broad portfolio for all aspects of energy production from biomass. We offer customised plant concepts, an all-round service, green concepts for biomethane and electricity marketing as well as heating concepts. In addition, we also operate our own biogas plants in cooperation with local partners from agriculture or the energy industry.

Our MARS SERIES INCINERATORS utilize advanced Oxy-Drift technology to safely dispose off non-recyclable and environmentally hazardous solid waste, effectively minimizing air pollution. We manufacture approximately 50 types of incinerators in various capacities, ranging from 1 kg to 3000 kg. Our range includes fuel-based, non-fuel-based models, and options equipped with water scrubbers. Additionally, we can customize models specifically designed for incinerating sanitary napkins to meet customer requirements.

Pioneering Innovative Waste Management Solutions
To Reshape How Waste Is Managed Effectively.



Model No	MARS NF 3
Capacity	3-5 Kg/Hr or 10-15 Kg/Day
Fuel	No Fuel Type
Size of Chamber	28 Inch Height 10 Inch Dia (Cylindrical Shape)
Height Of Equipment With Leg	52 Inch Height
Chimney Material	Stainless Steel
Chimney Size Height Thickness	3 Inch Dia 5 Feet Height 1.5 mm
Outer Lining	Metal Body
Inner Lining	Heat resisting Castable 1 inch thickness
Space Required	4 Sq Feet (2 Ft X 2 Ft)

Model No	MARS NF 5
Capacity	5-7 Kg/Hr or 20-25 Kg/Day
Fuel	No Fuel Type
Size of Chamber	28 Inch Height 16 Inch Dia (Cylindrical Shape)
Height Of Equipment With Leg	52 Inch Height
Chimney Material	Stainless Steel
Chimney Size Height Thickness	4 Inch Dia 6 Feet Height 2 mm
Outer Lining	Metal Body
Inner Lining	Heat resisting Castable 1 inch thickness
Space Required	4 Sq Feet (2 Ft X 2 Ft)





Model No	MARS NF D 5
Capacity	5-7 Kg/Hr or 20-25 Kg/Day
Fuel	No Fuel Type
Size of Chamber	40 Inch Height 16 Inch Dia (Cylindrical Shape)
Height Of Equipment With Leg	55 Inch Height
Chimney Material	Stainless Steel
Chimney Size Height Thickness	4 Inch Dia 6 Feet Height 2 mm
Outer Lining	Metal Body
Inner Lining	Fired Castable 1 inch thickness
Space Required	4 Sq Feet (2 Ft X 2 Ft)

Model No	MARS NF-SD5
Capacity	5-7 Kg/Hr or 20-25 Kg/Day
Fuel	No Fuel Type
Size of Chamber	40 Inch Height 16 Inch Dia (Cylindrical Shape)
Height Of Equipment With Leg	55 Inch Height
Chimney Material	Stainless Steel
Chimney Size Height Thickness	4 Inch Dia 6 Feet Height 2 mm
Outer Lining	Metal Body
Inner Lining	Heat resisting Castable 1 inch thickness
Space Required	4 Sq Feet (2 Ft X 2 Ft)





Model No	MARS NF 6
Capacity	6-10 Kg/Hr or 30-40 Kg/Day
Fuel	No Fuel Type
Size of Chamber	42 Inch Height 20 Inch Dia (Cylindrical Shape)
Height Of Equipment With Leg	60 Inch Height
Chimney Material	Stainless Steel
Chimney Size Height Thickness	4 Inch Dia 10 Feet Height 2 mm
Outer Lining	Metal Body
Inner Lining	Heat resisting Castable 1.5 inch thickness
Space Required	4 Sq Feet (2 Ft X 2 Ft)

Model No	MARS NF 7
Capacity	7-15 Kg/Hr or 50-70 Kg/Day
Fuel	No Fuel Type
Size of Chamber	24 Inch Height 24 Inch Dia (Cylindrical Shape)
Height Of Equipment With Leg	48 Inch Height
Chimney Material	Stainless Steel
Chimney Size Height Thickness	4 Inch Dia 10 Feet Height 2 mm/ 3 mm
Outer Lining	Metal Body
Inner Lining	Refractory Fire Brick (3 inch Thickness)
Space Required	9 Sq Feet (3 Ft X 3 Ft)





Model No	MARS NF 10
Capacity	10-20 Kg/Hr or 100-200 Kg/Day
Fuel	No Fuel Type
Size of Chamber	36 Inch Height 24 Inch Dia (Cylindrical Shape)
Height Of Equipment With Leg	60 Inch Height
Chimney Material	Stainless Steel
Chimney Size Height Thickness	4.5 Inch Dia 10 Feet Height 3 mm
Outer Lining	Metal Body
Inner Lining	Refractory Fire Brick (3 inch Thickness)
Space Required	9 Sq Feet (3 Ft X 3 Ft)

Model No	MARS NF 15
Capacity	15-25 Kg/Hr or 150-250 Kg/Day
Fuel	No Fuel Type
Size of Chamber	48 Inch Height 24 Inch Dia (Cylindrical Shape)
Height Of Equipment With Leg	60 Inch Height
Chimney Material	Stainless Steel
Chimney Size Height Thickness	4.5 Inch Dia 10 Feet Height 3 mm
Outer Lining	Metal Body
Inner Lining	Refractory Fire Brick (3 inch Thickness)
Space Required	9 Sq Feet (3 Ft X 3 Ft)





Model No	MARS NF 20
Capacity	20-30 Kg/Hr or 200-300 Kg/Day
Fuel	No Fuel Type
Size of Chamber	48 Inch Height 32 Inch Dia (Cylindrical Shape)
Height Of Equipment With Leg	60 Inch Height
Chimney Material	Stainless Steel
Chimney Size Height Thickness	6 Inch Dia 10 Feet Height 2 mm/ 3mm
Outer Lining	Metal Body
Inner Lining	Refractory Fire Brick (4 inch Thickness)
Space Required	16 Sq Feet (4 Ft X 4 Ft)

Model No	MARS NF 30
Capacity	30-40 Kg/Hr or 300-400 Kg/Day
Fuel	No Fuel Type
Size of Equipment	60 Inch Height 30 Inch Length 30 Inch Width (Rectangular Shape)
Chimney Material	Stainless Steel
Chimney Size Height Thickness	8 Inch Dia 10 Feet Height 2 mm/ 3 mm
Outer Lining	Metal Body
Inner Lining	Refractory Fire Brick (4 inch Thickness)
Space Required	16 Sq Feet (4 Ft X 4 Ft)





Model No	MARS NF 40
Capacity	40-50 Kg/Hr or 400-500 Kg/Day
Fuel	No Fuel Type
Size of Equipment	60 Inch Height 40 Inch Length 40 Inch Width (Rectangular Shape)
Chimney Material	Stainless Steel
Chimney Size Height Thickness	8 Inch Dia 10 Feet Height 2 mm / 3 mm
Outer Lining	Metal Body
Inner Lining	Refractory Fire Brick (4 inch Thickness)
Space Required	25 Sq Feet (5 Ft X 5 Ft)

Model No	MARS NF 60
Capacity	60-70 Kg/Hr or 600-700 Kg/Day
Fuel	No Fuel Type
Size of Equipment	67 Inch Height 50 Inch Length 50 Inch Width (Rectangular Shape)
Chimney Material	Stainless Steel
Chimney Size Height Thickness	10 Inch Dia 10 Feet Height 2 mm / 3 mm
Outer Lining	Metal Body
Inner Lining	Refractory Fire Brick (4 inch Thickness)
Space Required	36 Sq Feet (6 Ft X 6 Ft)





Model No	MARS NF 80
Capacity	80- 100 Kg/Hr or 800-1000 Kg/Day
Fuel	No Fuel Type
Size of Equipment	67 Inch Height 74 Inch Length 51 Inch Width (Rectangular Shape)
Chimney Material	Stainless Steel
Chimney Size Height Thickness	10 Inch Dia 10 Feet Height 2 mm/ 3mm
Outer Lining	Metal Body
Inner Lining	Refractory Fire Brick (4 inch Thickness)
Space Required	45 Sq Feet (9 Ft X 5 Ft)

Model No	MARS NF 100
Capacity	100-150 Kg/Hr or 1000-1500 Kg/Day
Fuel	No Fuel Type
Size of Chamber	67 Inch Height 98 Inch Length 51 Inch Width (Rectangular Shape)
Chimney Material	Stainless Steel
Chimney Size Height Thickness	10 Inch Dia 10 Feet Height 2 mm/ 3 mm
Outer Lining	Metal Body
Inner Lining	Refractory Fire Brick (4 inch Thickness)
Space Required	50 Sq Feet (10 Ft X 5 Ft)





MARS BIO GAS PLANT 3/4 M³

Capacity : 750 L

Waste Quantity : 2 Kg + 3 Kg Water

Gas for Usage : 45 minute

Colour : Green& Black



MARS CONCEALED MODEL

Capacity : 900 L

Waste Quantity : 3 Kg + 3 Kg Water

Gas for Usage : 45 minute

Colour : Green& Black



MARS BIO GAS PLANT 1 M³

Capacity : 1000 L

Waste Quantity : 6 Kg + 4 Kg Water

Gas for Usage : 1 Hour 30 Minutes

Colour : Green& Black





MARS LUNA CONCEALED MODEL

Capacity : 1400 L

Waste Quantity : 8 Kg + 8 Kg Water

Gas for Usage : 2 Hours

Colour : Green & Black



MARS BIO GAS PLANT 2 M³

Capacity : 2000 L

Waste Quantity : 15 Kg + 5 Kg Water

Gas for Usage : 3 Hour 30 Minutes

Colour : Green & Black



MARS BIO GAS PLANT 4 M³

Capacity : 4000 L

Waste Quantity : 40 Kg + 40 Kg Water

Gas for Usage : 6 Hour

Colour : Green & Black





Innovating Today for a **Cleaner** **Tomorrow**

Contact now



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