



MARTIN
Technologies Private Limited

ENVIROPOWER™ REVERSE ACTING GRATE

Developed by MARTIN GmbH for the low calorific value waste of Asian markets



PROVEN SOLUTION FOR SOLID WASTE COMBUSTION

MARTIN Technologies Private Limited delivers the German-engineered Enviropower™ reverse-acting grate designed by MARTIN GmbH specifically for Asian waste conditions.

Engineered and quality-controlled from Germany, manufactured in India

1,000 – 4,000 Kcal/kg

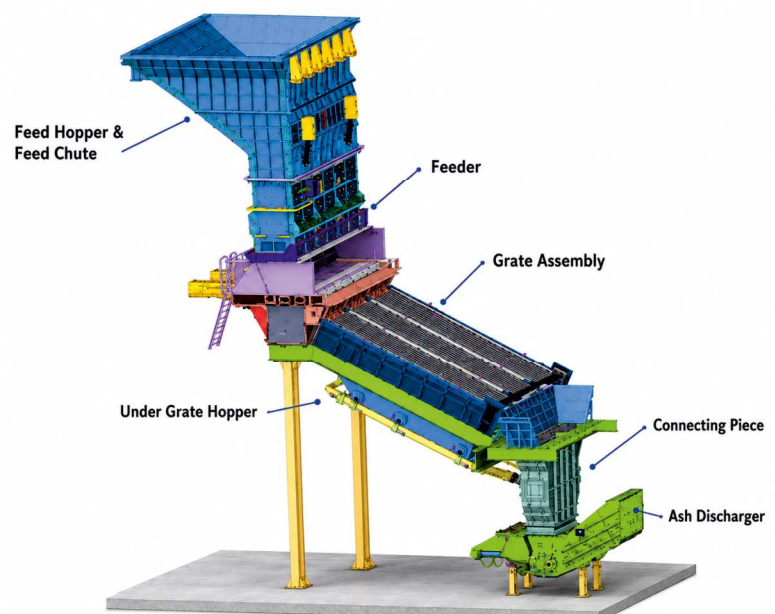
Air-cooled

RAW MSW TO RDF

1 to 6 Runs (150 – 1050 TPD)

MODULAR CONSTRUCTION, PRECISION-MACHINED

- Standardised modules combined in **1 to 6 runs** – 150 to 1,050 TPD from the same proven components.
- Every run is workshop pre-assembled and tested before dispatch – shorter erection time on site.





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KEY FEATURES

- MARTIN reverse-acting grate technology, backed by over 100 years of expertise
- Compact and standardized modules ranging from 150 TPD to 1,050 TPD, depending on the waste calorific value
- Air-cooled grate bars suitable for a wide range of waste characteristics and calorific values from 1,000 to 4,000 kcal/kg, from raw MSW to high-grade RDF
- Reduced thermal stress on grate bars, ensuring extended service life and high system availability.
- Specially designed grate bars with side air nozzles to prevent clogging
- Single grate-bar profile and metallurgy for interchangeability and reduced spare requirements.
- Grate bars sized for easy handling and maintenance
- Longer residence time for complete and efficient combustion
- Clinker weir for adjustable waste bed height



ENVIROPOWER™ GRATE BAR

An Exclusive Design for Asia by
MARTIN — Manufactured in India



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