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EO
electrochemical
EFFLUENT TREATMENT SYSTEM

Sugar Mill Effluent WASTEWATER TREATMENT SYSTEM





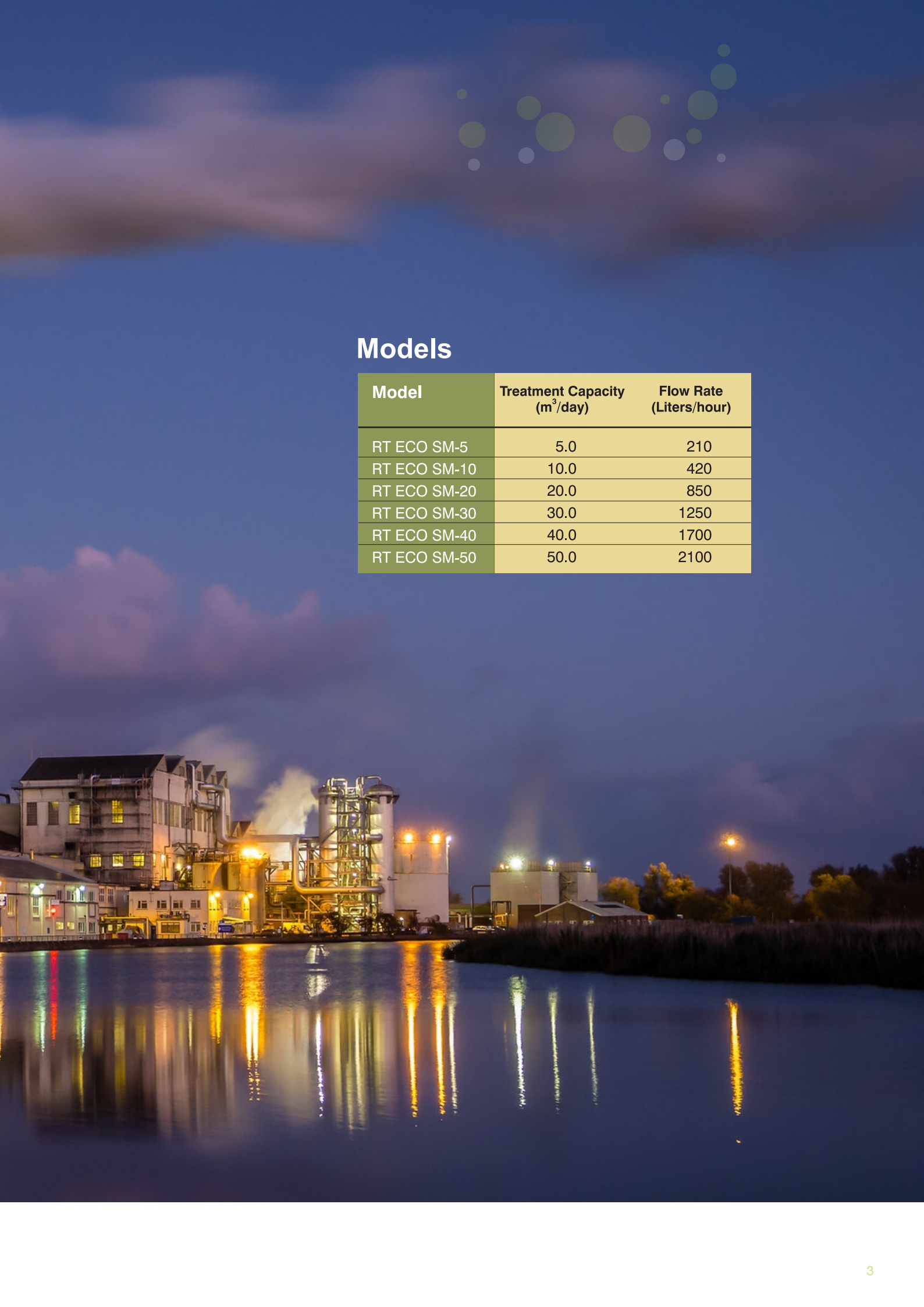
ECO
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Sugar Mill Effluent

Wastewater treatment system

RT ECO sugar industry ETP are reliable, efficient and economically fit to treat the sugar industry wastewater and improves performance and lowers environmental impact.

Sugar Mills equipped with RT ECO separates the solid waste such as (bagasse, bagacillo, silt/mud, sand, and trash canes) and contribute to the treatment of sugar industry wastewater using electrochemical process - very suitable for the removal of various pollutants.



Models

Model	Treatment Capacity (m ³ /day)	Flow Rate (Liters/hour)
RT ECO SM-5	5.0	210
RT ECO SM-10	10.0	420
RT ECO SM-20	20.0	850
RT ECO SM-30	30.0	1250
RT ECO SM-40	40.0	1700
RT ECO SM-50	50.0	2100

RT RCO Sugar Mill WWTP with built-in electrocoagulation treatment unit is a safe to operate, economical, convenient and adequate process for pollutant elimination of sugar factory wastewater and can be used for irrigation or discharged complying to the environmental standards.

RT ECO – A unique hybrid electro-chemical effluent treatment system comprises electro-coagulation as primary treatment and electro-oxidation as secondary treatment processes.



RECYCLE . REUSE
WATER



pixecell

Electrocoagulation Cell



electro@gen

Electro-Oxidation Cell



MCC & PLC Panel

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Contact

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SUGAR MILL WATER WWTP

80%
PERCENT

WASTEWATER

CAN BE
**RECLAIMED
& REUSED**



RECYCLE . REUSE
WATER





Wastewater generated from Sugar Processing industries bear a high degree of pollution load, if discharged without treatment, poses pollution problems in both aquatic and terrestrial ecosystems.

RT ECO Hybrid electrochemical effluent treatment systems are fully automatic, skid mounted, designed for continuous operation which converts effluent into reusable water and operates even in remote locations.

Input - Output Parameters for RT ECO Sugar Mill Wastewater Treatment Plant

Parameter	Wastewater (Raw Effluent)	Treated water
pH	6.5 - 7.0	6.0 - 9.0
COD (mg/L)	upto 5000	40 - 125
TSS (mg/L)	upto 3000	5-50

Unique Features

- Plug & play system
- Fully automated
- Instant start/stop operation
- Low foot print
- Low operating cost
- Requires low power
- No chemicals required
- Odour-free and noiseless operation
- Durable and non-corrosive components
- Suitable for remote locations
- Consistent and reliable results
- Odourless & colourless treated water
- High efficiency in COD, BOD, pollutant removal
- 100% disinfected treated water (bacteria-free water)
- Very low sludge generation
- Produces reusable water
- Meets environmental regulations

Contact

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Dealers / Agents

