



250

Sugar Plants & Distilleries /
Sugar Refineries Projects

850+

Cane Crushing Mills

Across **52** Countries



Integrated Sugar Complex with 7500 TCD Sugar Plant (26% steam Consumption) having 15 MW Cogen Plant and 120 KLPD multifeed (Molasses / Grain) distillery with Zero Liquid Discharge

Industry-Leading Efficiency

Up to
98%

Reduced
Mill Extraction

Up to
97.5%

Excluding
scheduled
shutdown

Up to
+92%

Reduced Boiling
House Recovery

Up to
23%
on Cane

Steam Consumption
of Process House

Process Designing

For **Raw Sugar** (VHP & VVHP)
Refined Sugar
(EU Grade I, II & III, Pharma Sugar)
Plantation White Sugar
Table White Sugar
Liquid Sugar

Distillery Process Design

For **RS, EQRS, ENA,**
Ethanol with Zero
Liquid Discharge (ZLD)

TURNKEY SOLUTIONS

6000TCD milling plant with 3000TCD syrup plant and 225 KLPD distillery with 21.8 MW Power plant at M/s JGN Sugar & Biofuels (P) Ltd., Sitarganj, Uttarakhand, India



Chainless Cane Diffuser with Low Pressure Heating Module, (LPHM) at HPCL Biofuels, Bihar, India



OPERATION / MAINTENANCE & RETROFITTING SERVICES FOR NEW AND EXISTING PLANT

7500 TCD Refined Process Plant expandable to 15000 TCD at M/s Inamdar Sugars Ltd., Karnataka, India (29% steam on cane)



5000 expandable to 7500 TCD Sugar Plant with Refinery & 27 MW Cogen. Plant, U.P, India



2500 TPD Standalone Port-based Sugar Refinery including 100 TPH Boiler and 12 MW Power Plant at Saudi Arabia



10000 TCD Refined Sugar Plant with 210 TPH / 125 Bar, Bagasse Fired Boiler and 40.5 MW Power Plant, having all FFE & VCP designed on 30% Steam on cane at KPR Sugars, Karnataka, India





2x85 TPH VCP at DCM Shriram Ltd. (Ajabpur Unit), U.P, India



6 Nos. 5500 m2 & 3 Nos. 4500 m2 HSA FFE at DCM Shriram Ltd. (Loni Unit), U.P, India



6000 expandable to 12000 TCD Sugar Plant, PT MSM, Indonesia

Major Customers

Sugar Plants	
24000 TCD Process House & 104 MW Cogen. Plant	White Nile Sugar Co., Sudan
15000 TCD Complete Milling Tandem	San Diego S.A., Guatemala
6000 / 12000 TCD Sugar Plant with Refinery & 22 MW Cogen. Plant	PT. PNS, Indonesia
6000 TCD Sugar Plant Expansion	Savannah Sugar Factory (Dangote), Nigeria
5400 TCD Complete Process House	Agrolmos S.A., Peru
5000 TCD Sugar Plant & 32 MW Cogen. Plant	Adex Bioenergy (S.L) Ltd., Sierra Leone
3000 / 4500 TCD Sugar Plant	Golden Sugar Co. Ltd. (Star Trading Company), Nigeria
2000 TCD Raw Syrup & 130 KLPD Distillery Plant including Civil Work	Cavite Biofuel Producers Inc., Philippines
1250 TCD Sugar Plant including Civil Work	Government of the Republic of Malawi, Malawi
13500 TCD Process House Expansion with Refinery (Repeat Order)	DCM Shriram Ltd., Ajabpur, India
10000 TCD Sugar Plant & 30 MW Cogen. Plant	KPR Sugar Mill Ltd., Unit-I, Karnataka, India
10000 TCD Refined Sugar Plant with 40 MW Cogen. Plant (Repeat Order)	KPR Sugar Mill Ltd., Unit-II, Karnataka, India
10000 TCD Milling Tandem with 50" x 100" Mill	DCM Shriram Ltd., Loni Unit, India
9500 TCD Process House Expansion at 29% Steam	Belgaum Sugar Ltd., India
8500 TCD Juice Extraction Plant	Balrampur Chini Mills Ltd., Bhabhnar, India
7500 TCD Raw Syrup Plant	Shiv Shakti Sugars Ltd., Belgaum, India
7500 TCD Sugar Plant & 15 MW Cogen. Plant	Bindal Paper Mills Ltd., Bijnor, India
7200 TCD to 13000 TCD Expansion / Modernization of Sugar Plant on Turnkey basis	Y M Krishna SSK Ltd., Maharashtra, India
6000 TCD Milling Plant with 3000 TCD Raw Syrup & 120 TPH Boiler with 22 MW Cogen.	JGN Sugar & Biofuels (P) Ltd., Uttarakhand, India
6000 TCD Mill & Process House	Belgaum Sugar Ltd., India
6000 TCD Sugar Plant & 23 MW Cogen. Plant	S.S.S. Ghorpade Sugar Factory Ltd., India
5000 TCD Refined Sugar Plant & 27 MW Cogen. Plant including Civil Work (Repeat Order)	U.P. State Sugar Corporation, Pipraich & Munderwa (Unit-1), India
5000 TCD Sugar Plant & 40 MW Cogen. Plant	Twenty One Sugar Factory, Latur, India
5000 TCD Process House Plant with 700 TPD Back-end Refinery	DCM Shriram Ltd., Hariawan, India
3500 / 5000 TCD Diffuser Plant & 20 MW Cogen. Plant including Civil Work	HPCL Biofuels Ltd., Sugauli & Lauriya, India
3500 TCD Sugar Plant with Refinery and 18 MW Cogen. Plant including Civil Work	Karnal Co-operative Sugar Mills, India
3500 TCD Sugar Plant	Angadi Sugar Power Ltd., India
Refineries	
2500 TPD Standalone Sugar Refinery	Durrah Advanced Development Company, Saudi Arabia
600 / 1000 TPD Standalone Sugar Refinery Plant including Civil Work	PT Sumber Mutiara Indah Perdana, Indonesia
600 TPD Back-end Refinery	PT. PNS & PT. MSM, Indonesia
550 TPD Sugar Refinery	CSC Sugar, USA
500 / 1000 TPD Sugar Refinery	Tala Sugar, Mexico
350 / 500 TPD Sugar Refinery (Repeat Order)	Can Tho Sugar Joint Stock Co. (CASUCO), Vietnam
500 TPD Stand-Alone Sugar Refinery	Nasco Sugar Refinery, Cameroon
350 / 500 TPD Back-end Sugar Refinery (Repeat Order)	Kibos Sugar and Allied Industries Ltd., Kenya
1700 TPD Back-end Sugar Refinery (Repeat Order)	DCM Shriram Ltd., Ajabpur, India
1300 TPD Back-end Refinery	KPR Sugar Unit-II, Karnataka, India
1200 TPD Back-end Sugar Refinery	Saraswati Sugar Mills Ltd., Yamunanagar, India
950 TPD Back-end Sugar Refinery	Dalmia Sugar Ltd., Nigohi, India
600 TPD Back-end Sugar Refinery (Repeat Order)	U.P. State Sugar Corporation, Pipraich & Munderwa, India
700 TPD Back-end Sugar Refinery	DCM Shriram Ltd., Hariawan, India
500 TPD Back-end Refinery	Gobind Sugar Mills, India



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