

**TATA MOTORS**  
**Gensets**

Trusted | Powerful | Durable

**Romania**  
Water Let's save Blue & Green

**Rishabh**  
POWER WITH CARE

**#HindustanKaGlobalGenset**

**5**  
YEARS  
WARRANTY ON 5 C'S



**NO. 1**

**WORLD CLASS GENSET WITH**

DIESEL ENGINE OF INDIA | TATA  
STEEL OF INDIA | TATA STEEL  
LEAD ACID BATTERY OF INDIA | EXIDE  
SWITCHGEARS OF WORLD | SCHNEIDER  
AC GENERATOR OF WORLD | STAMFORD  
CONTROL PANEL OF WORLD | WOODWARD  
PAINT OF WORLD | AKZONOBEL



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## SALIENT FEATURES

- **Built for High Temperature:** All The Silent Generators of Rishabh Are Designed to withstand the ambient temperature of 45 degree Celsius, though the radiators used are able to withstand ambient temperature of 50 degree Celsius.
- **Sturdy:** TATA Engines are most sturdy as they are originally designed for Commercial vehicle application & can go upto 5000 RPM.
- **Lowest Fuel Consumption :** Rishabh Generators powered by TATA engines have the lowest fuel consumption as more available power of the engine allows optimal fuel flow & there by the generator runs smoothly & efficiently.
- **Widest Service Network:** In India We at Rishabh | TATA Give you the most widespread Service network, with over 1800 Service dealers across India, we have the most extensive service network.
- **Highest Block Loading Capability Above (70% -90%)** across the range in the Industry.
- **Annual maintenance contract** through our responsive service network. Extended warranty Option available.

## WORLD CLASS GENSETS

### MADE IN INDIA FOR THE WORLD

Our world class Gensets come with:

India's		Diesel Engine	<b>TATA</b>
World's		AC Generator	<b>STAMFORD</b>
India's		Steel for Acoustics	<b>TATA STEEL</b>
World's		Genset Controllers	<b>WOODWARD</b>
India's		Foam for Acoustics	<b>Sheela</b>
India's		Lead Acid Battery	<b>EXIDE BATTERIES</b>
India's		A.V.M Pads	<b>POLYBOND</b>
World's		Switchgear	<b>Schneider Electric</b>
World's		Paint	<b>AkzoNobel</b>
World Class Self Starter & Dynamo			<b>Lucas TVS</b>
World Class Radiator		<b>TATA TOYO</b>	



## EVERY COMPONENT MATTERS

**We at Rishabh | TATA have used the Best Components of The Industry to give you a World Class Product.**  
Below You May Find A Sneak Peek on Some of The Major Components.

### ACOUSTIC ENCLOSURE

Our Silent Gensets use India's No 1 Steel in our gensets by TATA STEEL

- Aesthetically designed, weather and sound resistant enclosure.
- Designed for Ease of Access and Serviceability.
- Acoustic Enclosures come with UV resistant powder-coating which can withstand extreme weather conditions.
- Smallest Footprint giving an edge to optimize your valuable space.
- Ease of handling with appropriately located Center / Single lifting arrangement & Forklift Slots for easy shifting.
- Inbuilt Silencer up-to 75kVA, above 75kVA Silencer Comes with Bird Protection.
- Practically located fuel filling point
- Rishabh Silent Gensets Come with India's No.1 Sheela Foam (makers of Sleepwell Mattress)
- Certified for stringent and latest MoEF / CPCB II norms of less than 75 dB at 1 meter at 75 % load under free field conditions.
- Super Silent models for special applications which have 68-70 db sound level at 1 meter in open field conditions.
- The Foam Used is Fire retardant.

### GENSET CONTROLLER / SWITCHGEAR EQUIPMENT

Our Generators come with World No.1 controllers from WOODWARD

- Fault recognition by name unlike other controllers which display fault code.
- Microprocessor based.
- Brilliant LCD Screen
- Lowest battery consumption in ideal condition.
- Manual Breaker operation with tactile buttons on front panel.
- IP 65 protection again water seepage.
- World class Dgset monitoring & protection features
- Available with Automatic & Manual Functions on demand.
- Rishabh Generators come with World No. 1 Switch-gear from Schneider Electric / ABB.





TECHNICAL SPECIFICATIONS															
DG SET	DG Set Model	RT-25	RT-30	RT-35	RT-40	RT-45	RT-50	RT-62.5	RT-75	RT-82.5*	RT-83	RT-100	RT-125		
	Rating (kVA)	25	30	35	40	45	50	62.5	75	82.5*	82.5	100	125		
ACOUSTIC ENCLOSURE	Rating (kW)	20	24	28	32	36	40	50	60	66	66	80	100		
	Starting System	12V DC													
	Battery (Ah)	90									100				
	Canopy Size : LxBxH (mm)	2350 x 1030 x 1425					2700 x 1100x 1550				3200 x 1200 x 1800				
	Weight (Kg)	850	890	910	950	1000	1150	1250	1350	1350	1600	1700	1800		
	Fuel Tank Capacity (Liters)	170					210					240			
	Thickness of Foam Inside doors	40						50				75			
	Density of Foam for Sound Insulation	32					38					50			
	Steel Make & Thickness in Acoustic	TATA Steel   Base 3 mm   Rest of Canopy 1.6 mm													
	ENGINE	Engine Model Family	497SPTC								497TC		697TC		
Engine Make		TATA													
Engine Power (Bhp)		40.2	48.2	56.3	56.3	56.3	75.7	90	99.8	99.8	120	125.3	156		
Rated Speed (RPM)		1500													
No. of Cylinders		4									6				
Bore (mm)		97	97	97	97	97	97	97	97	97	97	97	97		
Stroke (mm)		100	100	100	100	100	128	128	128	128	128	128	128		
Total Displacement (CC)		2960						3800				5700			
Lube oil Sump Capacity (Liters)		7					10					15			
Total Coolant Capacity (Liters)		13						14				18			
Oil Change Period		500 Hrs Or 6 Months Which Ever Is Earlier													
Compression Ratio		17.5 : 01													
Aspiration		Turbo Charged													
Cooling System		Water/Coolant													
FIP		MICO Bosch - Inline Pump										Rotary / Inline Pump	Rotary Pump	MICO Bosch - Inline Pump	
Governing Type		Mech-A1 Governing										Electronic/ Mech-A1 Governing	Electronic-A0 Governing	Mech-A1 Governing	
Emission Norms		CPCB-II Compliant													
ALTERNATOR	Alternator Make	Stamford													
	Type (PF)	Brushless, H Class Insulation   (0.8)													
	Frequency (Hz)	50/60													
	Voltage (V)	230/415  110/230													
	Amperes (A) @ 415 V	34	41	48	55	62	69	86	104	114	114	139	173		
CONTROLLER	Controller Make	Woodward 1400		Woodward 1400 / 600											
	Type	Microprocessor Based, LCD fault display screen, Auto start / Stop Features													
	Display Parameters	Run Time Hours, Current, Voltage, Engine RPM, Frequency, Engine Temperature & Oil Pressure, Battery V, Service Due Hours, kVA, PF, KW, KWH													
	Modes Available	Automatic / Manual													
	DG Protections	Under/Over Frequency ,Current Unbalance, Over Speed, Overload, RWL, LLOP, HWT, LFL, Charging Alternator/V-belt, Emergency-Off, Service Due Fail To Start Fail To Stop													
	MCB/MCCB	SCHNEIDER / ABB													

India’s No. 1 TATA Engine

What makes TATA diesel engine India’s no.1 selling diesel engine ?

- Maximum Power | The engines have the highest Break Horse Power (BHP) & Highest Cubic Capacity (CC) in its class.
- Environment Friendly | The engines confirm to CPCB-2 India norms having lowest emissions.
- Global Engines of India | TATA engines are truly world class & are used globally by DGSET Manufacturers Globally.



World’s No. 1 A/C Generator | Alternator

Salient Features of **STAMFORD** Alternators By Cummins Generator Technologies Ltd :

- Best in Class Efficiency.
- 2/3 pitch winding alternator for better handling of harmonic and un-balanced load.
- Brushless Type and insulation.
- Self-excited, self-regulated Single Bearing, Brushless & Continuous Duty.
- Protection Degree IP21/IP23.



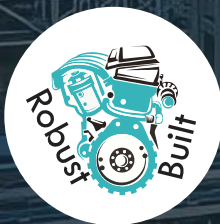
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POWER WITH CARE

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Water Let's save Blue & Green



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**09001**  
**IS Rishabh**  
SILENT GENSETS

**Marketed by:**  
**ROMANIA WATER PROJECT ENTERPRISES**

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**Branch office :** H.N. 240, Adhiya Mohalla, Vill. & Post Gotha  
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