





CELEBRATING 60 YEARS OF CULTIVATING THE WORLD



#BringItON

TRACTORS AND FARM EQUIPMENT LIMITED



US \$1.5 Bn
ANNUALLY



3rd
LARGEST TRACTOR
MANUFACTURER GLOBALLY
BY VOLUMES



BRAND OVERVIEW & ACCOMPLISHMENTS

- Started in **1960 in India**
- Over **180,000 tractors** sold annually
- Presence in **100+ countries**
- Strong distribution network of over **1200 dealers**
- Presented Star Performer Award for outstanding contribution to engineering exports for **21 consecutive years**
- Became the first Indian tractor manufacturer** to win the Frost & Sullivan Global Manufacturing Leadership Awards in 2018

BUSINESSES

- TAFE Tractors
- Massey Ferguson
- Eicher Tractors
- IMT Tractors
- Farm Machinery
- Diesel Generators
- Engines
- Engineering Plastics
- Gears & Transmission Components
- Batteries
- Hydraulic Pumps & Cylinders
- Vehicle Sales
- Plantations

BRANDS



INTERNATIONAL



ENGINES BUSINESS



- Diesel Generators
- Engines
- Upcoming products:
Dewatering Pump
Mobile Light Tower
PTO Generator



TRACTORS



INDIA



DIVISIONS



- Gears
- Engineering Plastics



SUBSIDIARIES

TMTL



- Eicher Tractors
- TMTL Engines - Eicher Engines
- Gears & Transmissions



TAFE ACCESS LIMITED

- Vehicle Franchise
- Hydraulic Pumps & Cylinders

TAFE'S ENGINES BUSINESS IN INDIA



EXPERTISE

- Pioneer in diesel engine manufacturing with over **63 years of industry expertise**
- Collaborations with **Ricardo Consulting (UK), Sisu Diesel and Valtra (Finland)** to add higher capacity engines



GROWTH

- One of the fastest-growing engine manufacturers in the world
- Existing base of over **1 million customers**
- **700% volume growth** over the last 14 years



R & D

- Engine R&D Centre at **Rajasthan, India**
- Equipped with **latest technologies & specialist engineers**
- Technological enhancement in consultation with **AVL (Austria)**



DIESEL GENERATORS

- Over **2,00,000 sq. feet** factory area
- Equipped with **latest laser cutting, Trumpf and Amada punching and bending machines**
- **9 tank pre-treatment automatic plant** for better life of canopy



ENGINES

- Pioneer in **air-cooled & liquid-cooled engine technology**
- **Recognized thrice by National Productivity Council** for productivity performance
- **ISO 9001, ISO 14001 and TS 16949** certified plant

AWARDS & ACCOLADES



**MOST ADIRED
COMPANY OF THE YEAR
2021**



**OUTSTANDING GENSET
BRAND OF THE YEAR
2019**



**PROMISING BRANDS BY
THE ECONOMIC TIMES
2018**



**INDIA'S MOST
PROMISING BRAND
2017**



**ILLUSTRIOUS BRANDS
BY MAIL TODAY
2016**



**GOLD AWARD FOR
SUPPORT IN SME
2015**



**VALUED PARTNER
FOR SUPPLY &
SERVICE EXCELLENCE
2015**

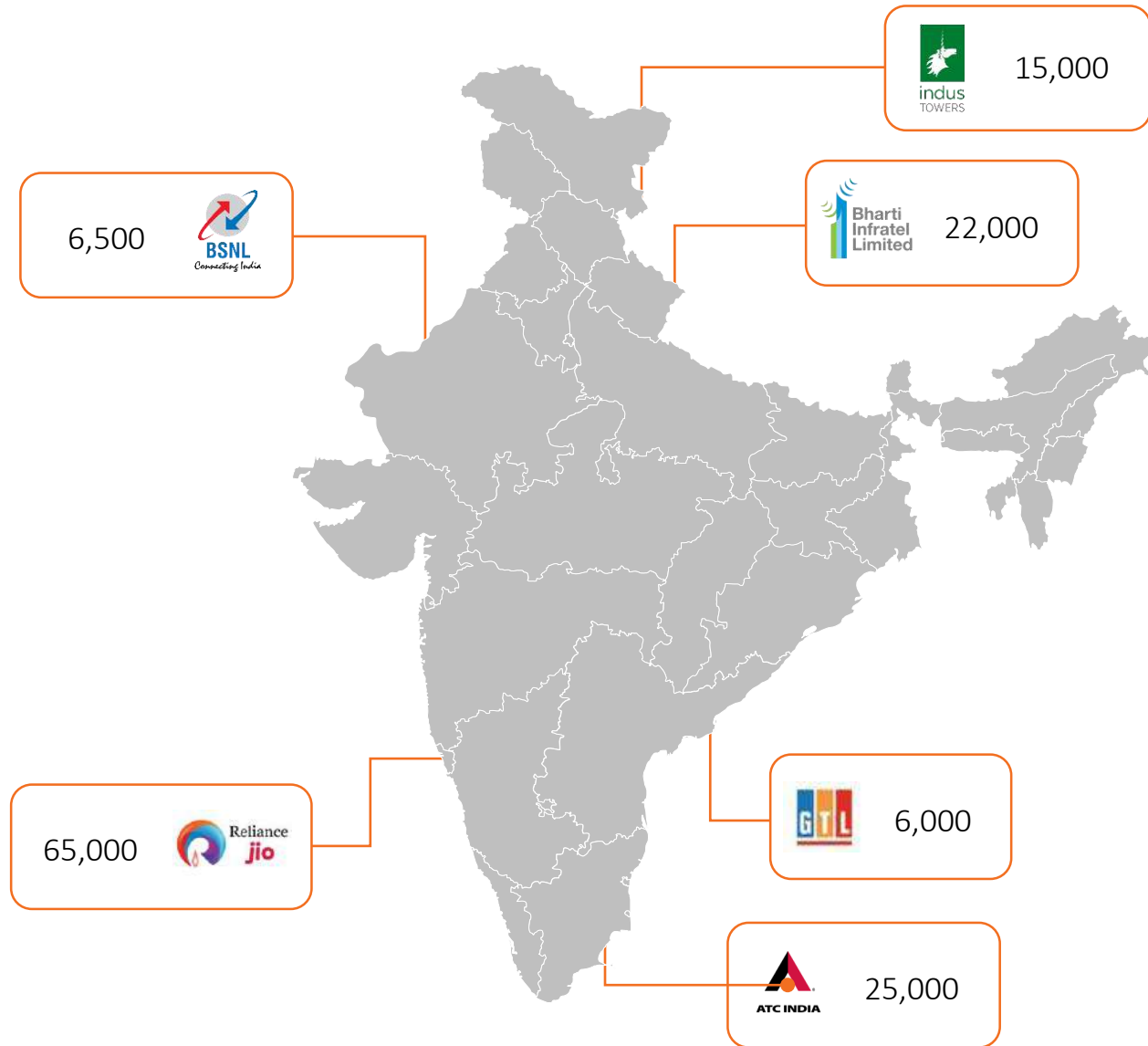


**GOLD AWARD FOR BEST
SERVICE SUPPORT IN
SME - 2014**



**SILVER AWARD FOR
EXCELLENCE IN INFRA
EQUIPMENT - 2013**

DOMINANCE IN INDIAN TELECOM SECTOR



LEADING DIESEL GENERATOR SOLUTION PROVIDER TO TELECOM OPERATORS IN INDIA WITH 150,000+ DGs DEPLOYED ALREADY



WIDE CUSTOMER
BASE WITH APPROX
54% MS



WIDE
SERVICE NETWORK

OVERALL DIESEL GENERATORS POPULATION IN INDIA MORE THAN 250,000 IN RETAIL, TELECOM, GOVT. AND CORPORATES

TAFE POWER



VISION

To be a global player in the power solutions business, offering best-in-class products and services to our customers.



MISSION

To lead the power generation and off-highway engine application business, with best-in-class products and solutions that delight customers across the world.



CAPABILITIES

- Most reliable & rugged products
- World-class manufacturing standards
- Low cost of ownership
- Customer centricity with immense focus on after-sales service
- Varied & customized products for engine applications viz. diesel generators, telecom generators, welding generators, agriculture and industrial engines, marine engines, dewatering and fire fighting pump engines, lighting towers etc.

TAFE POWER - PRODUCT PROFILE



TAFE POWER SILENT DIESEL GENERATORS



5 - 125 kVA

AIR-COOLED: 5 - 35 kVA
LIQUID-COOLED: 30 - 125 kVA
Upcoming Range – 140 – 250 kVA



TAFE POWER ENGINES



12 - 160 hp Range

AIR-COOLED: 12 - 66 hp
LIQUID-COOLED: 57 - 160 hp

- Industrial Engines - Variable Speed
- Industrial Engines - Fixed Speed
- Engines for Pumpsets - Fixed Speed
- Agri Engines

OUR PRODUCT RANGE



GENERATORS

UNMATCHED RELIABILITY

RUGGED BUILD

LONG SERVICE INTERVAL

LOW COST OF OWNERSHIP

CUSTOMIZABLE BASED ON REQUIREMENTS

ACCLAIMED FOR THE LONGEST LIFE

INTERNATIONAL TECHNOLOGY

BEST-IN-CLASS SERVICE SUPPORT



OUR PRODUCT FEATURES



GENERATORS



Silencer Inside the Canopy Better Aesthetics: safety, longer life of Silencer

Roof with Internal Bolting: Ideal for remote locations

Large Doors on Both Sides: Clear accessibility from either side of the genset for ease of maintenance

Unitary Front & Back Panels: Higher degree of safety against unauthorized access (pilfer-proof)

Customized Fuel Tanks: TMTL can supply customized fuel tanks of 50-1000 Lt.

OUR PRODUCT FEATURES

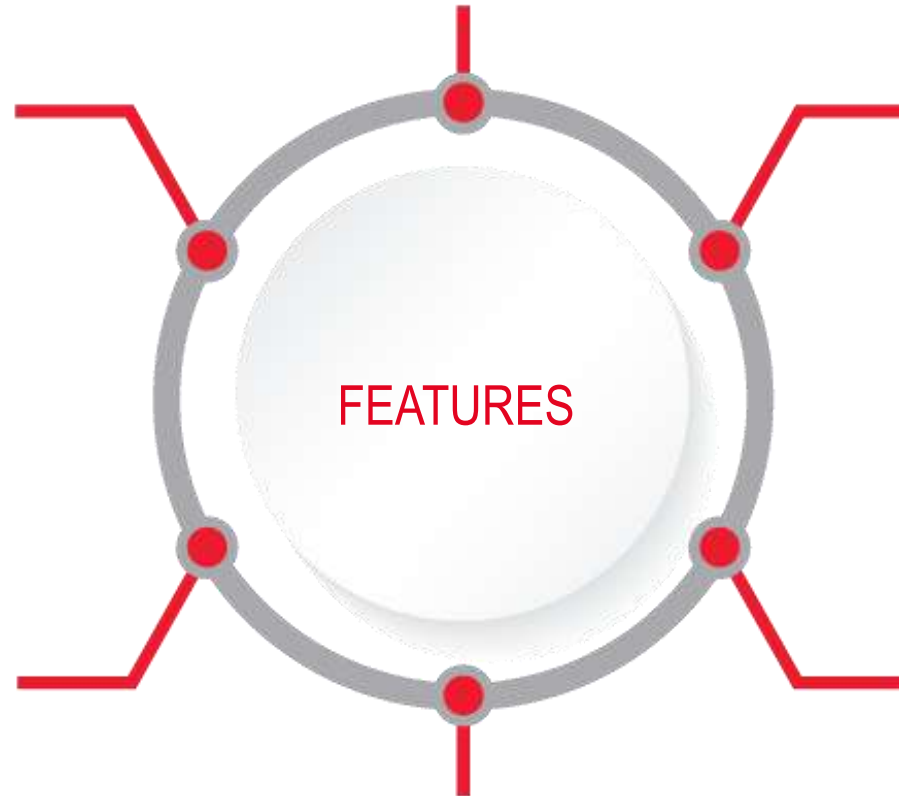


Engines – Features

Engines design from German Technology. Also Technology transfer from Ricardo (UK), Sisu Diesel & Valtra (Finland).

Highest Moment of inertia among any Engine Manufacturer

Air-cooled till 35 kVA,
Water Cooled from 30 to 125 kVA



A1 Governing in all models
Isochronous governing in 125 kVA

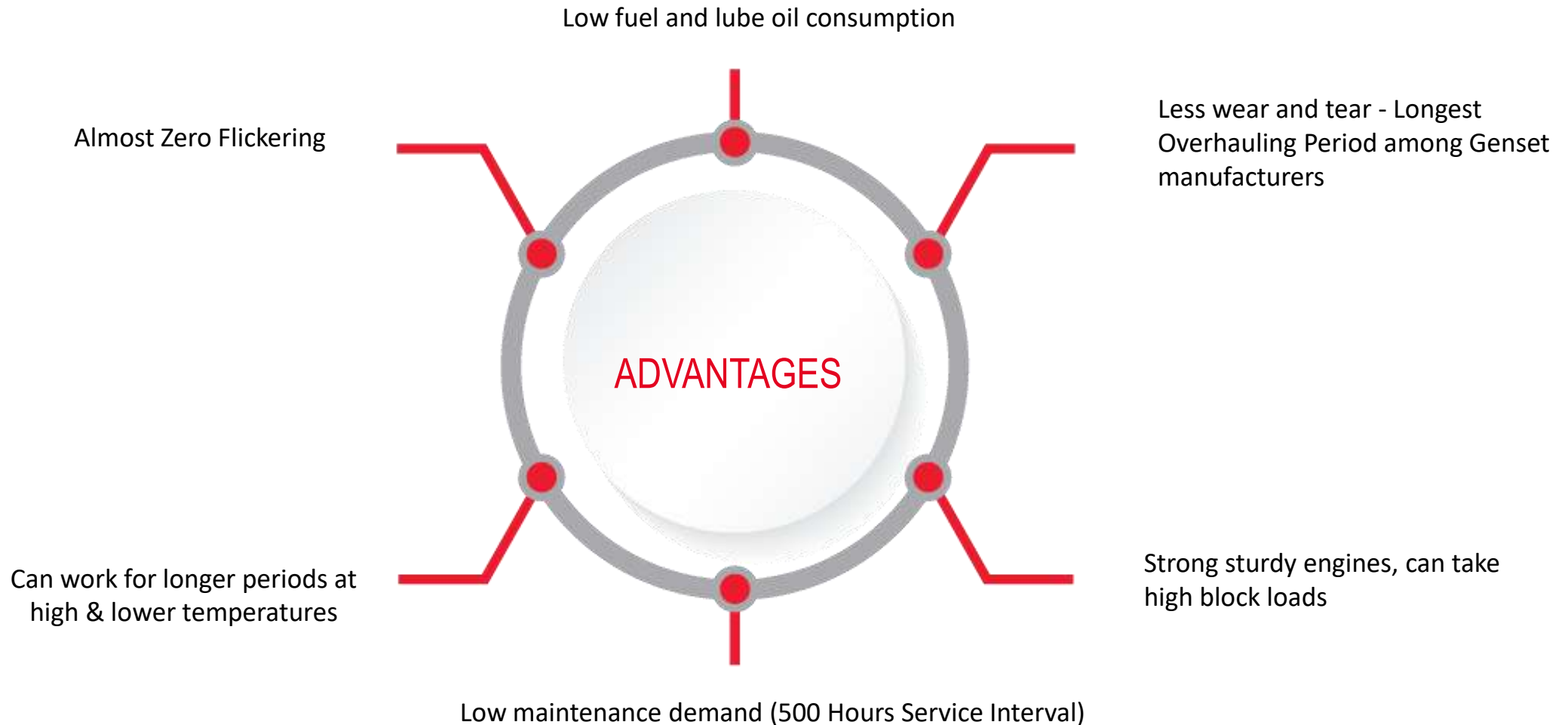
Engine suitable for Ambient Temp.
From 10° C to 50° C
Up to (-) **10° C** without any aid
Up to (-) **20° C** with Cold Starting Aid (Glow Plug)
Up to (-) **30° C** with Grid Heater arrangement
+ **50° C** as well

One cylinder less than competition in almost all ratings

OUR PRODUCT FEATURES



Engines – Advantages



Our Partners have reduced OPEX while using our Reliable Products

OUR PRODUCT RANGE



ENGINES

FIXED AND VARIABLE SPEED ENGINES

INTERNATIONAL TECHNOLOGY

HIGH FUEL EFFICIENCY

LOW OPERATING COST

ONE OF THE LONGEST OVERHAUL
DURATIONS

HIGH BLOCK LOAD TAKING CAPABILITY

STRONG IN-HOUSE
APPLICATION DEVELOPMENT

EASY TO MAINTAIN



USPs | WHY TAFE POWER?



1M

1 MILLION HAPPY CUSTOMERS



BEST-IN-CLASS RELIABILITY



PROVEN EXPERTISE IN TELECOM SECTOR



12 hp - 160 hp ENGINES



INDIAN BRAND, GLOBAL REACH & CREDIBILITY



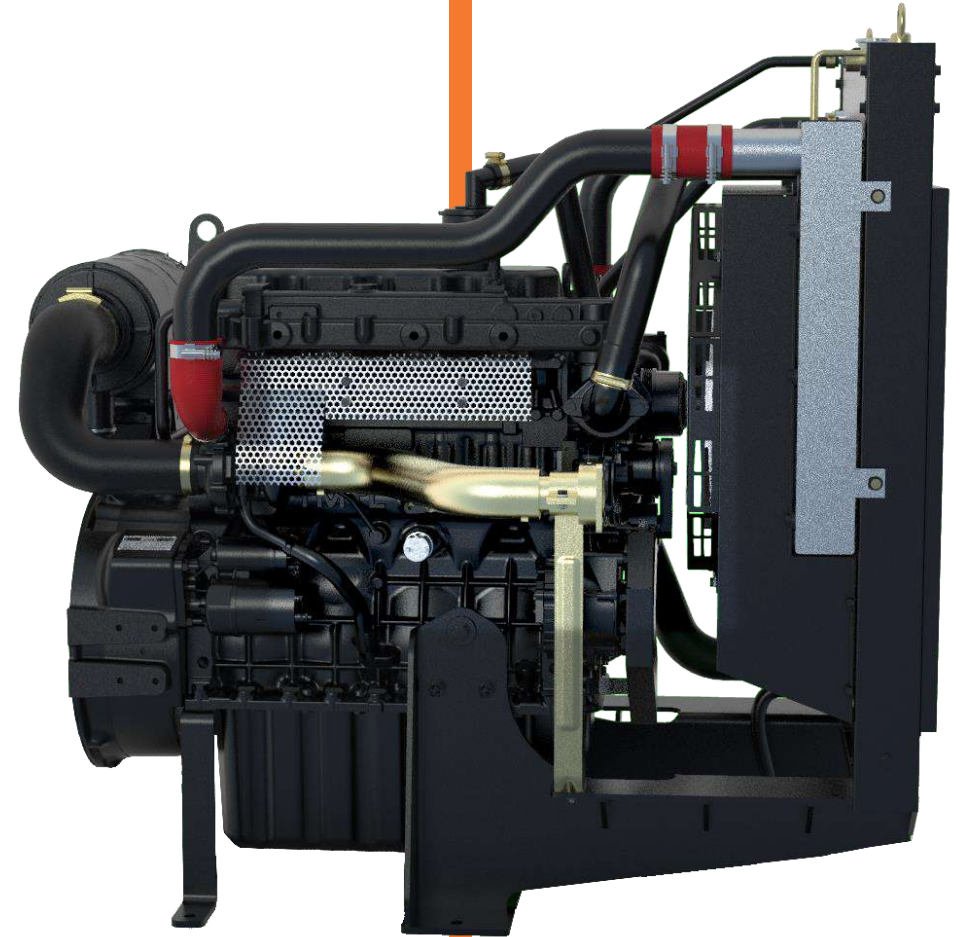
LOW LIFE CYCLE COST. LOW MAINTENANCE & FUEL ECONOMY



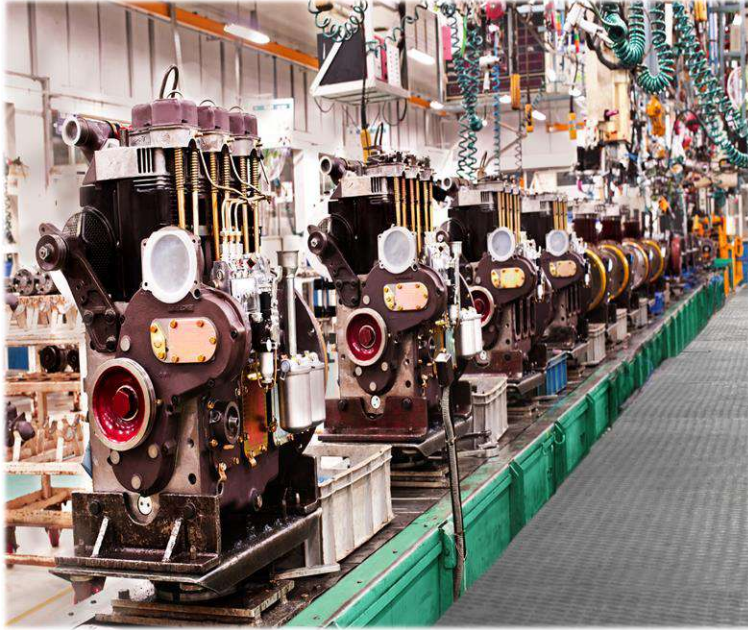
WORLD CLASS AIR-COOLED & LIQUID-COOLED TECHNOLOGY



VARIED APPLICATION BASE & HIGH DEGREE OF CUSTOMIZATION



MANUFACTURING EXCELLENCE - ENGINE PLANT,ALWAR



CAPACITY OF 100,000 PA

International Technology

Engines built on German designs

Technological collaboration with Sisu Diesel and Valtra of Finland

STRONG R&D

ISO 9001 – 2015; TS 16949 certified plant

STRONG IN-HOUSE APPLICATION DEVELOPMENT

Operating on principles of TQM, TPM, SGA, Kaizen

MANUFACTURING EXCELLENCE- GENSET PLANT,CHENNAI



Capacity of 3000 Gensets per annum

Expandable up to 6000 gensets

World-class facility

Best tooling & Slat conveyor assembly system

Test cells with Acoustically treated

Value-added product for our customers

Skilled manpower

Ensure ZERO defective product

BUILDING GLOBAL BRAND

BRANDING - Showroom/Exhibition



TAFE POWER – Tailor-made for all Segments



Banking &
Finance



Petrol Pump



Hospitality



Information
Technology



Retail



SME



Hospital



Telecom



Commercial



Construction

#BringItON

**SAFE & SILENT
OPERATION**
TAFE POWER GENERATORS

5-125 kVA

Trusted Operation • Zero downtime
Low Maintenance

tafepower.com

#BringItON

**THE POWER
BEHIND YOUR
DREAM
PROJECTS**

24x7 Service Backup
Low Maintenance
Low Cost of Ownership

Public Sector
Undertakings

tafepower.com

#BringItON

**SILENCE MEETS
POWER**

Robust & reliable
Unmatched fuel efficiency

tafepower.com

#BringItON

**DID YOU
KNOW?**

TAFE POWER GENERATORS
ARE HIGHLY CUSTOMIZABLE
AND ALSO HAVE
SUPER SILENT OPTION
(≤65 db)

5-125 kVA

tafepower.com

#BringItON

**UNINTERRUPTED
Energy for
Every Moment**

tafepower.com

#BringItON

**POWER
UP YOUR
BUSINESS WITH
TAFE POWER
GENERATORS**

tafepower.com

TAFE POWER – Best Power Partner for Telecom Tower



#BringItON

TAFE POWER

**CONNECTING VOICES
WORLDWIDE**

TAFE POWER GENERATORS

24/7 Reliability

Global Support Network

Low Operational Cost

POWER

tafepower.com

TAFE CORPORATE COMMUNICATIONS

A large orange TAFE POWER generator is shown in the foreground, with a telecom tower in the background under a sunset sky.

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TAFE POWER

LET YOUR
TELECOM
SERVICE RUN

24x7

POWER

tafepower.com

TAFE CORPORATE COMMUNICATIONS

A hand holds a smartphone displaying a telecom tower. In the background, two orange TAFE POWER generators are visible.

**Your Tower's
Power Partner**

TAFE POWER

International Technology

High Fuel Efficiency

Robust Build Quality

POWER

#BringItON

tafepower.com

TAFE CORPORATE COMMUNICATIONS

A large orange TAFE POWER generator is shown in the foreground, with a telecom tower in the background at night, illuminated by city lights.

TAFE POWER GENSET— Best Partner in Extreme Conditions



TAFE POWER Sales & Service Strengths

TAFE POWER - Driving Service Excellence



AVs

- Installation & Commissioning AVs on You Tube

Diagnostic Tools

- Quick troubleshooting of electronics engines

Multi Linguistic Manuals

- Ease of understanding O&M procedure

Training – Online, Onsite & Training School

- Capabilities development of distributors/ customers

RMI Portal

- All Service information in one place – Literatures & Software's

Parts & Special Tools

- Increase uptime of DGs – Always available for operations

CRM

- Updated & structured tracking of Engines & DGs



CAPABILITY BUILDING (Sales & Service Orientation)



GLOBAL DISTRIBUTOR MEET – Feb 24



30 plus Countries' dealers
attended the conference

Best dealers awarded by
TAFE Chairman

TAFE Power unveiled new
product range

Genset plant visit





New Product Range — Coming Soon

SILENT GENERATOR – 140 -250 kVA



GENERATORS

FEATURES & BENEFITS



ENGINE

Cutting edge technology	Best-in-class fuel efficiency Low maintenance Longer oil change period Longer overhauling period Highly economical
A0 Governing	Quality of power No power fluctuation
High moment of inertia and torque	Best-in-class block loading capability Better performance at varying load

ACOUSTIC ENCLOSURE

Fully automated powder coating process	Longer life All-weather-proof canopy
High density PU FR Foam Durable and efficient AVM pads	Thickest in its class Low noise and vibration level Super silent options available
Silencer inside the canopy	Better aesthetics Longer life of silencer
Compact size	Smaller footprint Suitable for rooftop installation

Genset Controller	Compact and micro processor based fully configurable control unit
	Text LCD Display
	Unique integrated DG set controller
	Incorporates both, engine and alternator parameters in a single console
	Fully configurable digital output
	Remote start

MOBILE LIGHTING TOWER



Maximum Reliability **L**ongest Life **T**echnological Marvel

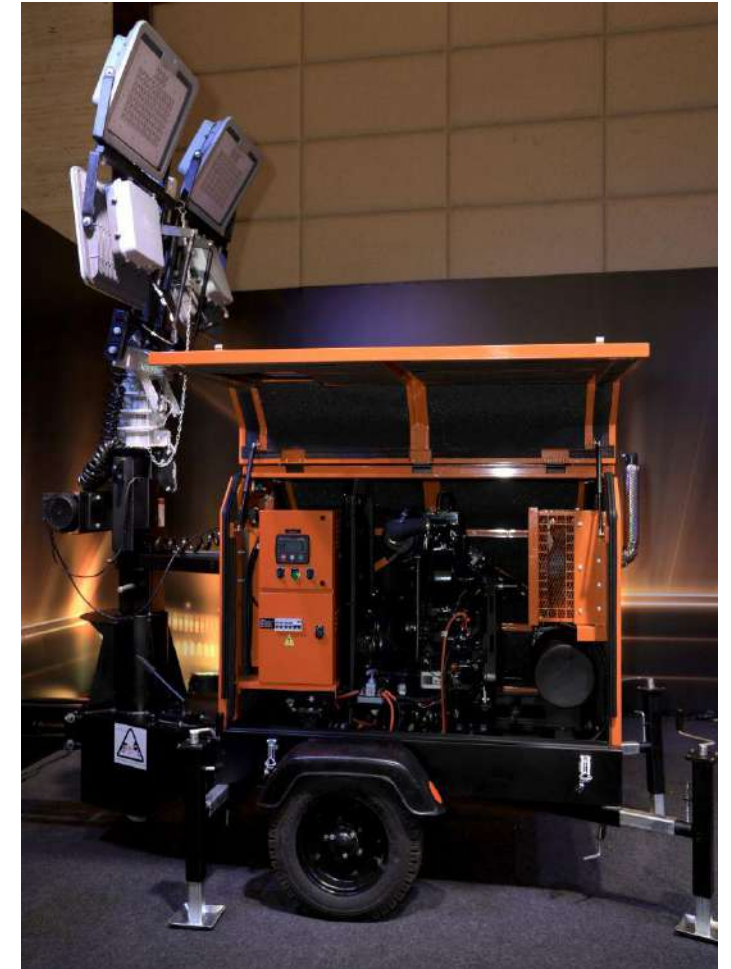
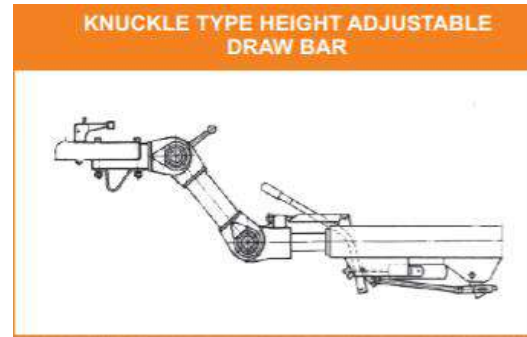
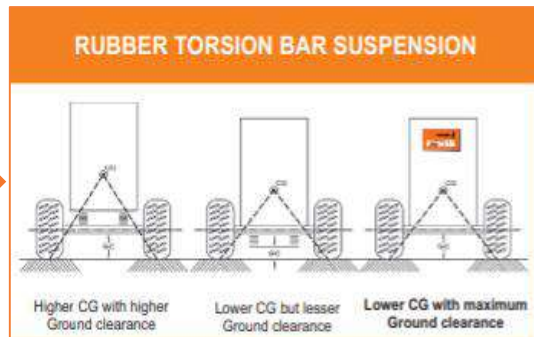
MOBILE LIGHTING TOWER



SALIENT FEATURES

- Robust Outriggers at 4 corners
- Adjustable Toe Bar
- Gap Spring Balancer support
- Parking Brake
- 16 Amps CEE Power Sockets
- Heavy Duty Exhaust Fan
- Easy service accessibility
- Height adjustment with remote control
- Thermally insulated Residential Silencer
- Door Lock with provision for Pad Lock
- CPCB IV+ Engine and Control Panel
- Single point top lifting
- LED Lamp for clear night vision
- FRP Mudguard
- Inspection Door
- Battery with Battery Isolator
- Longest Service interval
- Best Service network
- Speed 1500 rpm
- Air Cooled technology
- Best cost of ownership

UNIQUE CAPABILITIES





FEATURES

Rugged, heavy-duty centrifugal pumps engineered specifically for portable application. Available with a diaphragm priming system- Features a high-capacity diaphragm pump that evacuates air from the pump casing and suction line. A robust, float-driven positive seal arrangement prevents carryover to the environment

- Replaceable wear parts including bearings and shaft sleeves
- Dynamically-balanced impellers
- Oversized bearings with min.20,000-hour life
- Heavy walled castings for durability
- Double volutes for balancing internal pressures
- Low shaft deflection
- No seal flush needed
- Fully guarded coupling

PTO GENERATOR*



- Provides the right electric current to your equipment, without interruption
- Protective circuit breakers complete the safety of the system.
- Easily transportable
- Suitable for most tractors on the market

*** Indigenization work in progress, target completion by Sep,24**

PARAMETERS	DETAILS
Model	TAF-PTO-45K
Power	45 KVA, 3 Phase, IP-23
Control Panel	Inbuilt
Support Arrangement	Three Point Hitch
Rating	Continuous at 40 °C
Alternator Maintenance	Brushless (Maintenance Free)
Dimensions – L, W, H	L = ~ 1170 mm, W = 700 mm without stub, 920 with stub, H = 1120 mm Max
Gear Ratio	1:3.6
Input Speed (RPM)	420
Tractor Power (PTO) kW	44
Drive from PTO	Through Carden Shaft
Weight	375 Kg
ALTERNATOR	
Brand	Mecc-Alte
Prime Power Rating (KVA)	45
Prime Power Rating (kW)	36
Phase	3
Voltage Ph-N/ Ph-Ph	400 Volt AC
Power Alternator Type	Double Bearing, Brushless
Power Factor	0.8 Lag
Rated Speed / Freq.	1500 RPM / 50Hz
Voltage Regulation	+/- 1%
Standby Rating	10% overload once in 6 hrs.
Control System	Electronic with Digital AVR
Insulation Class	Class-H
CONTROL PANEL	
Main Protection	63 Amps, 4 Pole Breaker
Secondary Protection	16 Amps, 2 Pole Breaker
1 Socket CEE 400 V 3P+N+T	63 A
2 Socket CEE 230 V 2P+T	16 A
Voltmeter, Frequency	Standard LED Display
Hour Meter	Counter Type, non-resettable



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THANK YOU

