



# WTB BUSINESS PVT. LTD.

## BUSINESS & INDUSTRIAL SOLUTIONS

Complete Solutions One Platform

### NO. 1 TRUST-ABLE PLATFORM

Complete Automation & Industrial Solution single platform- **WTB BUSINESS**

India's **1<sup>ST</sup>** RECD Reducing Particulate Matter by **99.21%**



# Duel Fuel Kit RECD Kit PNG Pipe-line

**Country's 1st type-approved RECD**  
**LOW Price High Quality**  
**RECD Reducing Pm Level By 99.2%**  
**100% Indigenous Technology – Made in India.**  
**No Adverse Impact on the Engine**

## OUR COMPANY

"Our company "WTB BUSINESS PVT. LTD." are ready you helping you for a automation in engineering, manufacturing project and Growth hack your business. "WTB BUSINESS PVT LTD" established in the year 2022 and since then focusing on business related to automation in engineering, manufacturing and process industries, reconditioning and retrofitting of all kind of plant equipment specially Presses and Blanking Line. Our objective is to provide high-tech and competitive automation solutions with quality and high performance with all international renowned company products. The company is committed to offer cost-effective and complete automation solution t Do not forget these golden opportunity! Thanks"

## OUR MISSION

“WTB Business Pvt. Ltd.” mission is to provide top-tier, cost-effective solutions that can significantly reduce air pollution. Our RECD helps in reducing PM, Co, HC and Smoke levels from diesel generators.

## Brainstorming

“**WTB BUSINESS**” RECD uses the Cat-Con technology that reduces the harmful gases through chemical reactions. In this technology, two processes take place simultaneously. One is the oxidation process and the other is regeneration trap with self-cleaning technology to reduce the harmful emissions such as PM, HC, CO and Smoke.

Reducing Air Pollution Every Day.

**PM -100%**

**HC-80%**

**CO-96%**

**SMOKE-99%**

## Country's 1<sup>st</sup> type-approved RECD

**1.** The Ministry of environment, Forest and climate change recognizes that DG sets contribute matter in the ambient air and retrofitting these **DG sets** with an emission control equipment is a possible way to reduce these emissions.



**2.** Our retrofit emission control device (**RECD**) is built on catalyst based positive filtration technology.

**3.** **WTB BUSINESS** is India's first type approved RECD which reduced over **70% particulate** matter, carbon monoxide and hydrocarbons emission from the exhaust of diesel generators without causing any adverse impact on the diesel engine.





## HOW IT WORKS



**1. Brainstorming:-** **WTB BUSINESS** RECD uses the Cat-Con technology that reduces the harmful gases through chemical reactions. In this technology, two processes take place simultaneously. One is the oxidation process and the other is regeneration trap with self-cleaning technology to reduce the harmful emissions such as PM, HC, CO and Smoke.

**2. Maintenance:-** **WTB BUSINESS** RECD is built to last, and requires minimal maintenance, moreover, in the event of service it can be performed quickly and efficiently, minimizing any potential disruption to operations.



**3. Mandatory:-** **WTB BUSINESS** The cities – Delhi/NCR, Meerut, Patna etc. are the most polluted cities of the world having PM level 3 to 10 times higher as recommended by WHO. CAQM and the CPCB, took one more step on its journey to reduce air pollution by making RECD mandatory for existing diesel Gensets.

### Our Brand


**KOHLER**

**ASHOK LEYLAND**




## Dual Fuel Kit



**“WTB BUSINESS”** is a market leader in Dual Fuel Kit (Diesel + Natural Gas) for Diesel engines. Our value proposition is Go Green | Cut Cost. Natural gas is a green fuel and it's typically less costly than diesel. There is no impact on the engine life or performance.

## About Dual Fuel Technology

Dual Fuelling is simultaneous combustion of two fuels. “WTB BUSINESS” Dual Fuel solutions comprise of special kits that can be retrofitted on existing high speed diesel engines to allow use of a mixture of Methane rich gas (most often Natural gas) with Diesel as fuel. After conversion, the engine can continue to operate with only Diesel also. However, a ‘Gas only’ operation is not possible.

During Dual Fuel operation, a reduced quantity of diesel fuel acts as the ignition source for the air-gas mixture. The Methane rich gas mix replaces significant proportion of Diesel to produce equivalent heat energy during combustion in the cylinder. The emissions from such engines see an order of improvement. In the current market conditions this also means significant reduction in cost.

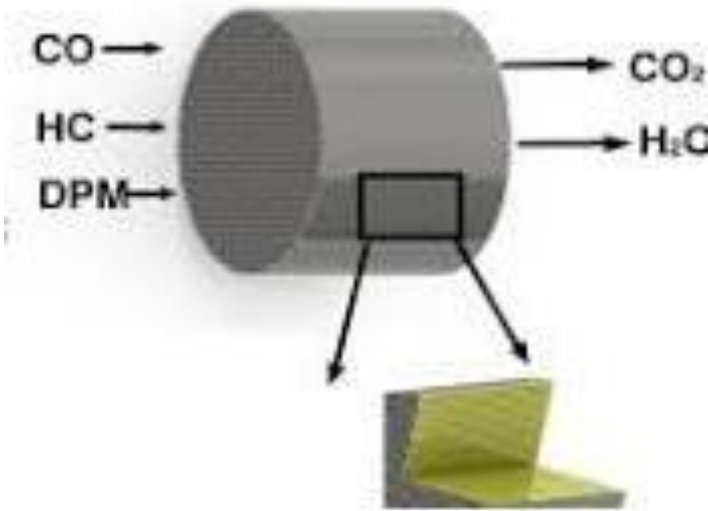
## Gallery



## Our Technology-

### How **WTB BUSINESS** Functions

#### Part 1: Oxidation Stage:-



- Proprietary Catalysts used to enhance robustness and life of the offering
- PRT filter designed for optimum balance between back pressure and emission reduction efficiency

#### Part 2: Particulate Regenerative Trap:-



- PM gets trapped in filters and is continuously regenerated with help of the catalyst coating on the wall.

## Reduces Particulate Matter, Carbon Monoxide & Hydrocarbons at source

**1.** No by-product or dumping of captured pollution



**2.** Product Patented in India with multiple additional patents filed in India and us

**3.** No adverse impact on engine :  
Back-pressure under permissible limit

**5.** Minimal energy requirement: <1%  
of the capacity used for operations

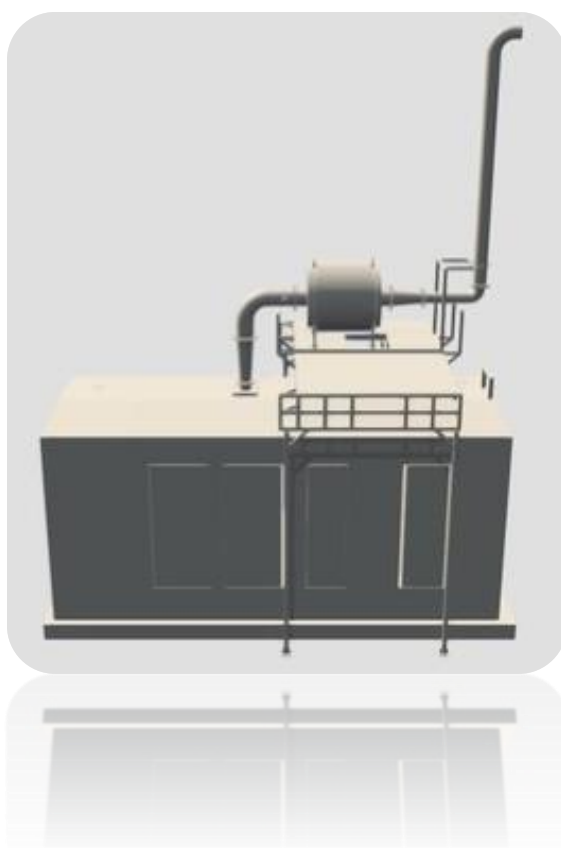
**6.** Type approved by CPCB accredited  
lab for PM reduction over 70%

**4.** Low Maintenance Needs: No  
consumables: Maintenance Once In 4-6  
months

**6.** Long product life:  
Robust Product with life over 10 years



## India's **1<sup>st</sup>** Type Approved Retrofit Emission Control Device that reduces Particulate Matter, Carbon monoxide & Hydrocarbons emissions by over **70%**



Built on catalyst-based positive filtration technology with no negative impact on DG set, the remarkable **WTB BUSINESS** efficiently prevents the release of harmful particulate matter into the atmosphere thus enhancing air quality and overall health. Moreover, **WTB BUSINESS** significantly reduces the carbon footprint and ensures compliance with increasingly stringent emission regulations.



## Client Testimonial

**WTB BUSINESS** Innovation team was very responsive & resolved our queries in a very timely & professional manner. We are happy to see young minds from IIT Delhi take initiative to solve the problem of air pollution.

**Tata Realty & Infrastructure Limited**



The **WTB BUSINESS** has shown consistent and gratifying performance without having any negative impact on DG set's efficiency. Gland to see such an abled team of innovators working to create a positive change in the society.

**Hindustan Petroleum Corporation Limited**

Sincere commendation to **M/SWTB BUSINESS** Innovation for culling out a product that helps reduce the particulate Matter from our DG sets. More so for managing the whole process seamlessly while getting WTB BUSINESS installed at our units

**PACIFIC**





# Generator Details

( Annual Impact of Installing WTB BUSINESS )

Air prevented from getting polluted

**3.0**

Trillion  
Litres

CO<sub>2</sub> equivalent emissions reduced

**59.1**

KG

CO<sub>2</sub> equivalents saved

**27.20**

KG

Tree(s) saved

**163**

Trees/  
year



India's first Type  
Approved RECD



100% Indigenous  
Technology – Made in  
India



Negligible Operating  
Expenses



Sleek and Compact  
Design, Similar to Size  
of Silencer



Reduces PM, CO and  
HC Emissions by  
Over 70%



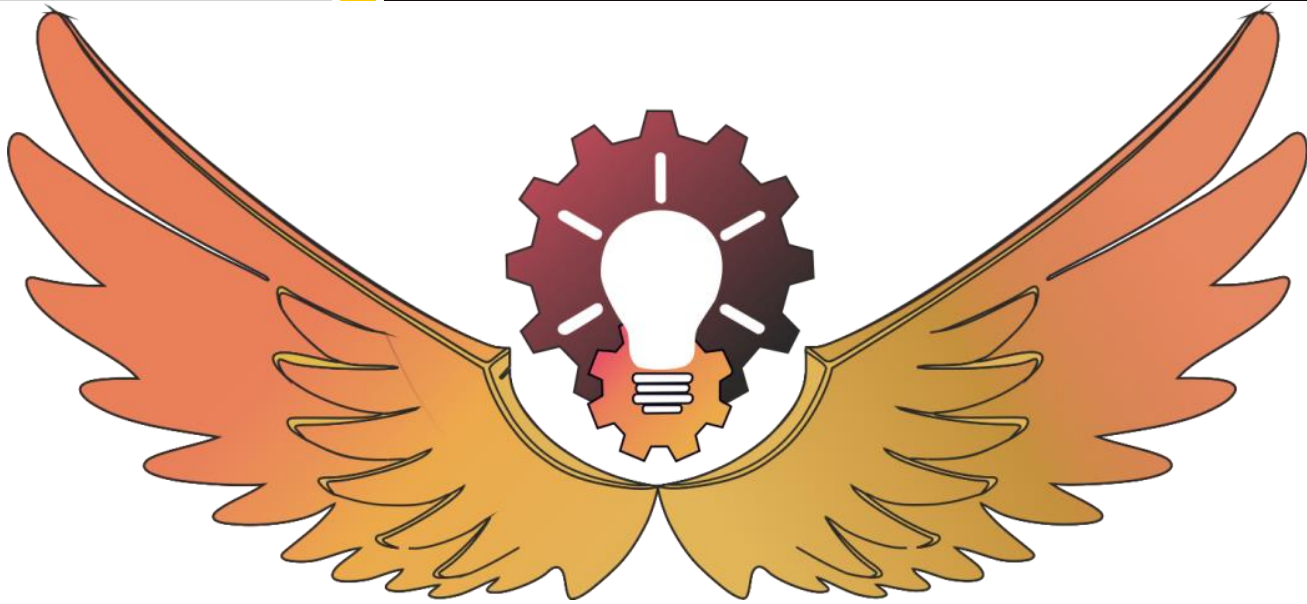
No Adverse Impact  
on the Engine



No By-Products and  
Minimal Maintenance  
Required



India's first Type  
Approved RECD



**One Stop Shopping, “WTB BUSINESS” is now regarded as one of the most trusted online B2B marketplace**

**450000+**

Assortment of industry essential products, listed under 40+ categories.

**250000+**

SME clients, in addition to 250+ Enterprises & Corporates.

**1500+**

Supplier base across nation, to address your diverse requirements.

### **Nationwide Delivery**

Over 20,000 pin-codes **serviceable across India.**

### **Great Value**

Most **popular brands** with widest range of selection **at best prices.**

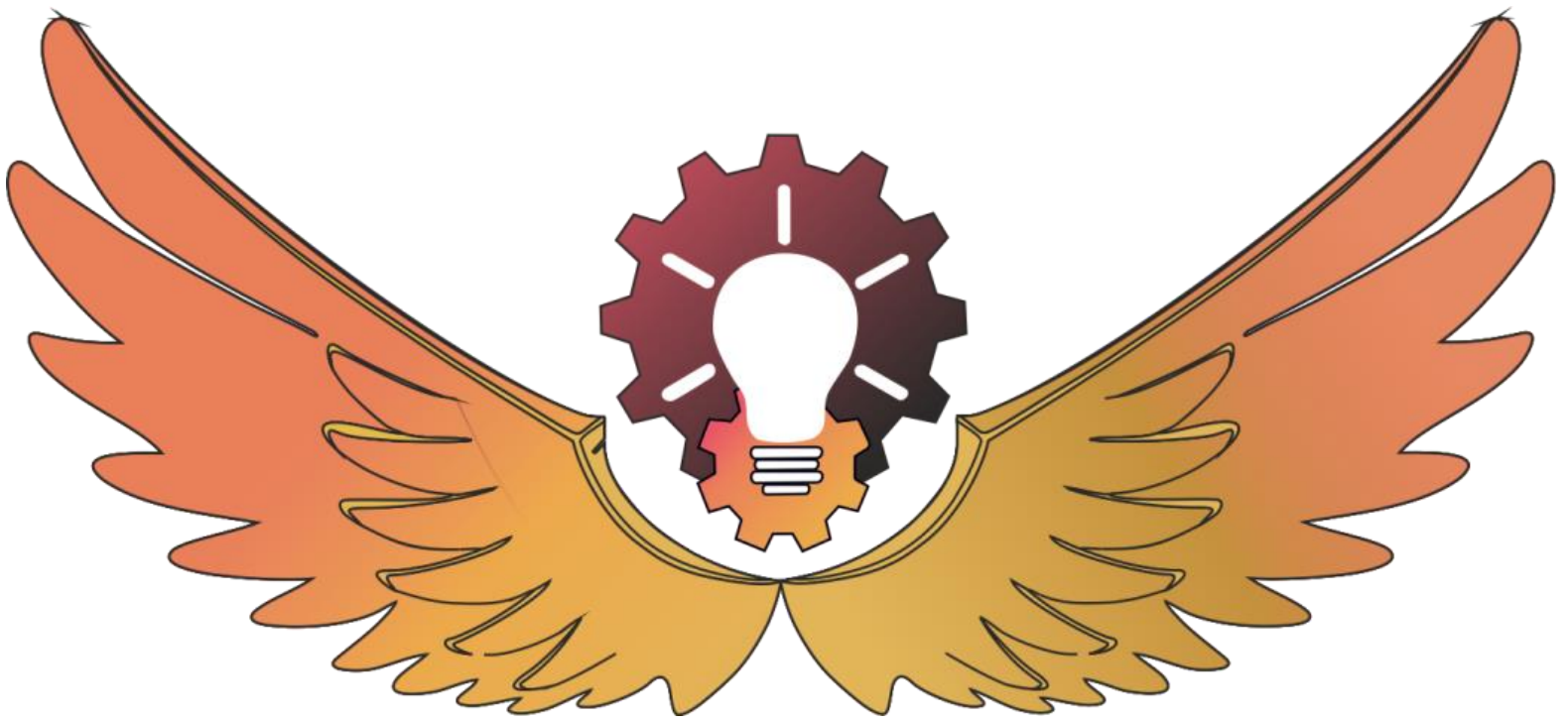
### **Secure Payment**

Partnered with India's **most popular and secure** payment solutions.

### **Buyer Protection**

Committed to buyer interests to provide a smooth shopping experience.





# WTB BUSINESS PVT. LTD.

❖ 365 Days Help Desk | ❖ Minimum Order Quantity | ❖ Top Quality

**UNIFIED BUSINESS SUPPLIER & BUYER'S  
NEEDS.....**

**Complete Solutions One Platform**

## Get in Touch



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