

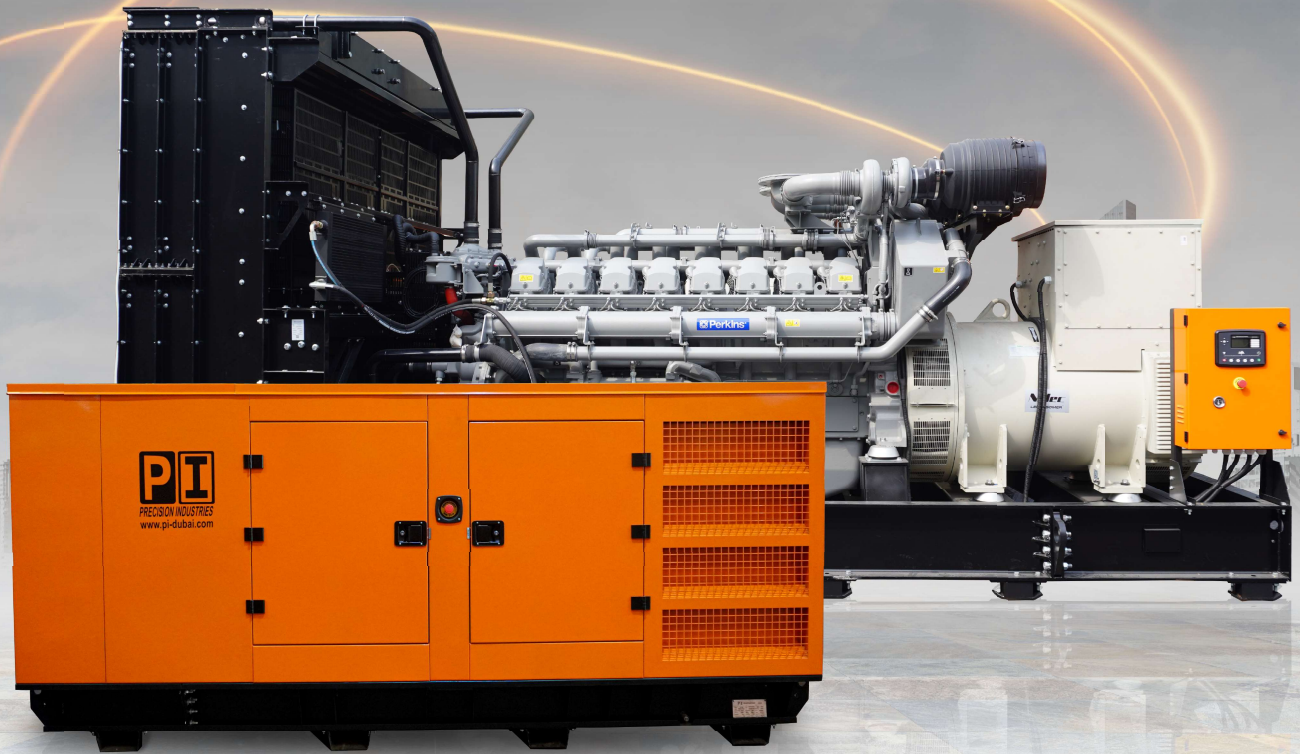


الصناعات الدقيقة  
PRECISION INDUSTRIES®

SINCE  
2005

# DIESEL GENERATORS

5 kVA - 3500 kVA



## Where **POWER** Meets **PRECISION**



[www.pi-dubai.com](http://www.pi-dubai.com)



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WHERE  
POWER  
MEETS  
PRECISION



# PI

## ABOUT COMPANY

Established in 2005 as a division of Beta Holding, Precision Industries (PI) has grown to become a reputable brand in GCC, the Middle East and Africa. Our company has been renowned for producing hybrid power systems and diesel generating sets. Due to our dedication to quality and innovation, in 2007, PI was recognised as a Small and Medium Enterprise (SME) in the UAE. In 2008, generators were manufactured under our brand name "PI", giving us more control over quality. Later, in 2009, operations were started in Saudi Arabia, with offices established in Jeddah, Dammam, and Riyadh.

In 2013, PI was recognised as The Best Manufacturing Business in the UAE, positioning us as a trusted manufacturer of generators in the region. Our market position has been reinforced by strategic agreements with leading companies in the industry, including Cummins, Stamford, and Leroy-Somer in 2014 and Perkins in 2017. Precision Industries, later in 2023, formed a strategic partnership with Yuchai. A joint production unit has been established in Saudi Arabia, marking a significant step towards international growth, and in 2023, a production unit has been developed there. Today, our generators span in Power range from 5 kVA to 3500 kVA, demonstrating our extensive power solution capability. Our growth from a small business to a reputable manufacturer has been evidence of our steadfast vision, commitment, shared trust, and persistent desire for perfection.



## PI FOOTPRINT

### VISION

To be a leading innovator in sustainable and reliable power generation, empowering communities and industries with energy solutions that drive a cleaner and more resilient future.

### MISSION

Our mission is to manufacture high-quality, efficient, and cost-effective power generation solutions that meet the diverse needs of our clients. We are dedicated to delivering exceptional value through continuous innovation, operational excellence, and customer focused service, aiming to double our impact and revenue within the next five years



# FUNDAMENTAL VALUES OF PI



## 1. INNOVATION

We strive for excellence in technology and processes to deliver sustainable and cutting-edge power solutions.

## 2. QUALITY

Committed to the highest standards, we ensure our products are durable, reliable, and exceed customer expectations.

## 3. CUSTOMER

Focus: Building lasting relationships with our clients, we prioritize understanding and meeting their energy needs.

## 4. INTEGRITY

We uphold transparency, ethical practices, and trustworthiness in all our business dealings.

## 5. SUSTAINABILITY

Dedicated to environmental responsibility, we focus on reducing our carbon footprint and helping clients do the same.

## 6. TEAMWORK

We recognize that our success is built on collaboration, valuing the unique contributions and dedication of each team member”

## PI Diesel Generators 5 - 3500 kVA

*Powered by Genuine*





# PI PRODUCT RANGE

## STANDARD GENERATORS

### 1 - Open Type Generator

Our Open Type Generators, ranging up to 3,500 kVA, are specifically designed with client requirements at the forefront. These generator sets are engineered for optimal performance in controlled environments, such as industrial facilities where ventilation is sufficient and sound containment is not a primary concern. Built with robust engines from industry leaders **PERKINS, CUMMINS, Yuchai, and Mitsubishi** and paired with **Stamford** and **Leroy Somer** alternators, these generators offer reliable and efficient power for essential applications.

#### Features and Customization Options:

- **Fuel Efficiency and Environmental Compliance:**

Our generator engines are available with options that meet stringent international emissions standards, supporting clients focused on sustainability and operational cost-efficiency.

- **Custom Configurations:**

Clients can choose from various options like fuel tank sizes, circuit breakers, and synchronization capabilities, ensuring each generator meets specific power requirements and project scopes.

### 2 - Canopy & Containerized Generator

Our Canopy and Containerized Generators offer the perfect balance of protection, durability, and performance in rugged and demanding environments. Available in 20-foot and 40-foot standard sizes, along with fully customized options, these units are tailored for challenging sectors such as oil and gas, telecom, and rental. Engineered to withstand dust, rain, and extreme conditions, each unit undergoes rigorous ISO-standard inspections, guaranteeing consistent performance and reliability.

#### Key Features:

- **Noise Reduction:**

Designed with advanced sound attenuation materials, these canopy generators are optimized for noise-sensitive environments, reducing operational noise to meet urban and industrial standards.

- **Enhanced Durability:**

With anti-corrosion coatings and water-resistant enclosures, the units are well-suited for outdoor applications, providing prolonged protection against environmental factors.

**Sector-Specific Adaptations:** For clients in oil and gas or telecom, our containerized generators can be modified to include reinforced frames, specialized cooling systems, and built-in monitoring and anti-theft features, ensuring security and efficiency in remote locations.

- **Sector-Specific Adaptations:**

For clients in oil and gas or telecom, our containerized generators can be modified to include reinforced frames, specialized cooling systems, and built-in monitoring and anti-theft features, ensuring security and efficiency in remote location

# PI Generators Powered by Perkins Engine



PI Model	Engine Model	STAMFORD Model	Leroy Somer Model	Prime Power kVA	Standby Power kVA
50 Hz					
PI 14.3P	403D-15G	S0L1P1	TAL040D	13	14.3
PI 17P	403A-15G2	S0L1P1	TAL040D	14	16
PI 22.3P	404A-22G1	S0L2G1	TAL040F	20	22
PI 22.3P	404D-22G	S0L2G1	TAL040F	20	22
PI 33P	1103A-33G	S0L2P1	TAL042C	30	33
PI 49.6P	1103A-33TG1	S1L2N1	TAL042F	45	49.6
PI 66P	1103A-33TG2	S1L2Y1	TAL042H	60	66
PI 88P	1104A-44TG2	UCI224G	TAL044B	80	88
PI 112P	1104C-44TAG2	UCI274D	TAL044D	100	112
PI 150P	1106A-70TG1	UCI274E	TAL044H	140	150
PI 165P	1106A-70TAG2	UCI274F	TAL044J	150	165
PI 200P	1106A-70TAG3	UCI274G	TAL044L	180	200
PI 220P	1106A-70TAG4	UCI274H	TAL044M	200	220
PI 220P	1206A-E70TTAG1	UCI274H	TAL044M	200	220
PI 250P	1206A-E70TTAG2	UCDI274J	TAL046C	225	250
PI 275P	1206A-E70TTAG3	UCDI274K	TAL046D	250	275
PI 275P	1506A-E88TAG3	UCDI274K	TAL046D	250	275
PI 330P	1506A-E88TAG5	S4L1D-D41	TAL046F	300	330
PI 400P	2206A-E13TAG2	S4L1D-E41	TAL046H	350	400
PI 450P	2206A-E13TAG3	S4L1D-F41	TAL0473A	400	450
PI 500P	2506A-E15TAG1	S5L1D-C41	TAL0473C	450	500
PI 550P	2506A-E15TAG2	S5L1D-C41	TAL0473C	500	550
PI 660P	2806A-E18TAG1A	S5L1D-E41	TAL0473E	600	660
PI 700P	2806A-E18TAG2A	S5L1D-F41	TAL0473F	650	700
PI 770P	2806A-E18TTAG4	S6L1D-C41	TAL049C	700	770
PI 850P	2806A-E18TTAG5	S6L1D-C41	TAL049C	770	850
PI 825P	4006-23TAG2A	S6L1D-C41	TAL049C	750	825
PI 900P	4006-23TAG3A	S6L1D-D41	TAL049C	800	900
PI 1093P	4008TAG2A	S6L1D-E41	TAL049E	1000	1093
PI 1250P	4008-30TAG3	S6L1D-F41	LSA50.2M6	1125	1250
PI 1385P	4012-46TWG2A	S6L1D-H41	LSA50.2M6	1250	1385
PI 1500P	4012-46TWG3A	S6L1D-H41	LSA50.2L7	1360	1500
PI 1656P	4012-46TAG2A	S7L1D-D41	LSA50.2L8	1500	1656
PI 1880P	4012-46TAG3A	S7L1D-E41	LSA50.2VL10	1705	1875
PI 2024P	4016-61TRG1	S7L1D-F41	LSA52.3S5	1850	2024
PI 2250P	4016-61TRG2	S7L1D-G41	LSA52.3S6	2000	2250
PI 2500P	4016-61TRG3	S7L1D-H41	LSA52.3S7	2250	2500
PI 2500P	4016-61TRG3X	S7L1D-J41	LSA52.3L12	2500	2500

# PI Generators Powered by Cummins Engine



PI Model	Engine Model	STAMFORD Model	Prime Power kVA	Standby Power kVA
50 Hz				
PI 27C	X2.5G2	SOL2M1	25	27.5
PI 38C	X3.3G1	S1L2K1	35	38
PI 66C	4BTAA3.3G14	S1L2Y1	60	66
PI 110C	6BTA5.9G5	UCI274D	100	106
PI 150C	6BTAA5.9G6	UCI274E	136	150
PI 170C	6BTAA5.9G7	UCI274F	155	170
PI 220C	QSB7G5	UCI274H	200	220
PI 220C	6CTAA8.3-G7	UCI274H	200	p220
PI 275C	QSL9G3/5	UCDI274K	250	275
PI 300C	6LTAA9.5-G3	S4L1D-D41	275	300
PI 330C	QSL9G5	S4L1D-D41	300	330
PI 350C	6LTAA9.5-G1	S4L1D-E41	320	350
PI 400C	QSG12G3	S4L1D-F41	360	400
PI 450C	QSG12G4	S4L1D-F41	410	450
PI 550C M15	M15-G8	S5L1D-C40	500	550
PI 550C	QSX15-G8	S5L1D-C41	500	550
PI 569C	KTA19G4	S5L1D-C41	504.5	568.7
PI 700C	VTA28G5	S5L1D-F41	636	700
PI 825C	VTA28G6	S6L1D-C41	750	825
PI 900C	QSK23G3	S6L1D-D41	810	900
PI 1000C	KTA38G3	S6L1D-D41	910	1000
PI 1100C	QST30G4	S6L1D-E41	1000	1100
PI 1100C	KTA38G14	S6L1D-E41	1000	1100
PI 1250C	KTA38G9	S6L1D-F41		1250
PI 1400C	KTA50G3	S6L1D-H41	1275	1400
PI 1675C	KTA50-G8	S7L1D-D41	1400	1675
PI 2250C	QSK60-G4	S7L1D-G41	2045	2250
PI 3000C	QSK78G9	LV 804 S	2750	3000



# PI Generators Powered by Mitsubishi Engine



PI Model	Engine Model	STAMFORD Model	Prime Power kVA	Standby Power kVA
50 Hz				
PI 550M	S6A3-PTAA	S5L1D-C41	500	550
PI 660M	S6R-PTA	S5L1D-E41	600	660
PI 700M	S6R-PTAR	S5L1D-F41	630	700
PI 760M	S6R2-PTA	S5L1D-F41	670	760
PI 800M	S6R2-PTAR	S6L1D-C41	725	800
PI 850M	S6R2-PTAA	S6L1D-D41	770	850
PI 880M	S12A2-PTA	S6L1D-E41	800	880
PI 1000M	S12A2-PTA2	S6L1D-D41	930	1000
PI 1150M	S12H-PTA	S6L1D-F41	1050	1150
PI 1420M	S12R-PTA	S6L1D-H41	1275	1420
PI 1500M	S12R-PTAR1	S7L1D-D41	1380	1500
PI 1650M	S12R-PTA3	S7L1D-D41	1500	1650
PI 1900M	S16R-PTA	S7L1D-D41	1750	1900
PI 2000M	S16R-PTAR	S7L1D-F41	1800	2000
PI 2100M	S16R-PTAH	S7L1D-G41	1900	2100
PI 2250M	S16R-PTA3	S7L1D-G41	2050	2250
PI 2500M	S16R2-PTAW	S7L1D-H41	2250	2500
PI 2650M	S16R2-PTAW-E	S7L1D-J41	2400	2650
PI 2800M	S16R2-PTAW2-E	S7L1D-J41	2550	2800

# PI Generators Powered by Yuchai Engine



PI Model	Engine Model	STAMFORD Model	Prime Power kVA	Standby Power kVA
<b>50 Hz</b>				
PI 22Y	YC4V35-D20	SOL2G1	20	22
PI 33Y	YC4V45Z-D20	SOL2P1	30	33
PI 41Y	YC4D65-D20	S1L2K1	37.5	41.3
PI 62Y	YC4D80Z-D20	S1L2Y1	56	62.5
PI 75Y	YC4D100Z-D20	S1L2Y2	62.5	68.7
PI 110Y	YC4B140Z-D20	TAL-A44-D	100	110
PI 125Y	YC6B160Z-D20	TAL-A44-D	100	110
PI 165Y	YC6B210L-D20	TAL-A44-J	150	165
PI 275Y	YC6MK360L-D20	TAL-A46-D	250	275
PI 350Y	YC6MK420L-D21	TAL-A46-G	312	344
PI 400Y	YC6MJ515L-D22	TAL-A473-A	375	400
PI 550Y	YC6T660L-D21	TAL-A473-C	500	550
PI 687Y	YC6TD840-D31	TAL-A473-F	625	687
PI 730Y	YC6TD900-D30	TAL-A473-F	660	730
PI 825Y	YC6TD1000-D30	TAL-A49-B	730	825
PI 900Y	YC6TH1070-D31	TAL-A49-C	813	888
PI 1000Y	YC6TH1220-D31	TAL-A49-D	912	1000
PI 1125Y	YC6TH1320-D31	TAL-A49-E	1000	1125
PI 1250Y	YC12VTD1500-D32	LSA50.2 M6	1125	1250
PI 1400Y	YC12VTD1680-D32	LSA50.2 M6	1250	1375
PI 1500Y	YC12VTD1860-D32	S6L1D-H41	1375	1500
PI 1650Y	YC12VTD2070-D32	S7L1D-C41	1500	1625
PI 1850Y	YC16VTD2270-D32	S7L1D-E41	1688	1875
PI 2000Y	YC16VTD2510-D32	S7L1D-F41	1875	2062
PI 2200Y	YC16VTD2700-D30	S7L1D-G41	2000	2200
PI 2750Y	YC16VC3300-D31	S7L1D-J41	2500	2750
PI 3000Y	YC16VC3600-D31	LSA52.3UL16	2750	3000
PI 3300Y	YC16VC4000-D31	LV 804 T	3000	3300

# DIESEL GENERATORS

## Portable Genset Range



### Power On the Go with PI Portable Gensets

#### PRECISION INDUSTRIES Portable Gensets

Your reliable, on-the-go power solution. Perfect for home backup, job sites, camping, and more, these compact and durable generators provide efficient, quiet, and fuel-efficient power wherever you need it.

#### KEY FEATURES:

Compact & Portable, Dependable Power, Quiet Operation, Fuel Efficient consumption.

Available in multiple sizes to suit your needs, PI Portable Gensets are your ideal companion for reliable power, anytime, anywhere.

PI Model	Type	Voltage	kW	kVA
PI2.8GF-M	Open Type	230	2.8	3
PI5GFS	Close Type	230	5	5.5
PI8GFS	Close Type	230 / 400	8	8.5
PI11GFS-3	Close Type	230 / 400	11	12

# DIESEL GENERATORS

## PI TOWER LIGHT

#### PRECISION INDUSTRIES Mobile Lighting Towers

It offers powerful, high-performance mobile lighting for demanding environments like road construction, emergency agencies, parking lots, airports, Mining and industrial sites.

With advanced LED technology and optional metal halide, it provides bright, wide-area coverage for safe, efficient operation day or night.

Durable, energy-efficient, and versatile, the PI TOWER LIGHT is the reliable solution for any outdoor worksite



Model	PI TL4 - 50 Hz	PI TL4 - 60 Hz
Engine	Yanmar/L48N5	Yanmar/L48N6
Light Power	4 x 300 W LED	4 x 300 W LED
Power Output	6 A	16 A
Lumen	174000 Lm	
Max Height	2.64 - 7m	

# PI Extended Product Range



- **Paralleling Switchgear**
- **Automatic Transfer Switch (ATS)**
- **LV / MV Switchgear**



## PRECISION INDUSTRIES Expanded Product Range:

### Our switchgear range includes:

- **Switchgear Solutions:**

Precision Industries now offers a full suite of integrated switchgear solutions alongside our generator sets, providing clients with a one-stop solution for both power generation and switchgear needs. This streamlined approach simplifies project management, allowing customers a single point of contact for end-to-end support.

- **Automatic Transfer Switches (ATS):**

In partnership with trusted brands like Schneider, ABB, Telergon, and Socomec, we supply ATS panels ranging from 100A to 6300A. These solutions come with dual breaker interlocks or integrated disconnection capabilities, ensuring reliable load isolation and automated transitions between power sources for uninterrupted operations.

- **LV Synchronization & Power Management:**

Our Low Voltage Totalization panels offer advanced synchronization, load management, and power distribution systems, optimizing power flow and enhancing reliability in systems requiring multiple power sources..

- **Medium Voltage (MV) Switchgear & Neutral Grounding Resistors (NGR):**

For medium voltage generator applications, we provide specialized MV switchgear solutions, including Neutral Grounding Resistors (NGR) that improve system safety by enhancing grounding and providing added protection across complex power networks.

These advanced solutions are designed to maximize operational reliability, safety, and efficiency while meeting stringent industry standards. With Precision Industries' integrated approach, clients benefit from a streamlined experience, from initial setup to ongoing support, and long-term value in power management systems.



PRODUCT RANGE  
**CUSTOMIZED**  
SOLUTIONS

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# CUSTOMIZED DIESEL GENERATORS

## MOBILE GENERATORS



**PRECISION INDUSTRIES** OFFERS A ROBUST LINEUP OF **MOBILE GENERATORS** ENGINEERED FOR VERSATILITY AND RAPID DEPLOYMENT. DESIGNED TO MEET THE DEMANDS OF FLEXIBLE, TEMPORARY POWER REQUIREMENTS, OUR MOBILE GENERATOR SETS DELIVER DEPENDABLE PERFORMANCE ACROSS A VARIETY OF ENVIRONMENTS, INCLUDING CONSTRUCTION SITES, OUTDOOR EVENTS, AND EMERGENCY RESPONSE SCENARIOS. BUILT WITH HIGH MOBILITY AND EASE OF SETUP, THESE UNITS ARE SUITED FOR SITUATIONS WHERE STABLE, ON-DEMAND POWER IS ESSENTIAL.

### KEY ADVANTAGES:

- **Adaptable Power Solutions:**

Mobile generators available in various configurations and power outputs, suited to meet specific site requirements or operational demands.

- **Built for Durability:**

Designed to withstand harsh environments, ensuring consistent performance and reliability even in challenging conditions.

- **Efficient Deployment:**

Compact design and easy transportability allow for quick setup and relocation, minimizing downtime in critical applications.



# CUSTOMIZED DIESEL GENERATORS

## PI TELCO GENSET

15 KVA ► 88 KVA

### WHAT MAKES US YOUR IDEAL STRATEGIC PARTNER FOR TELECOMMUNICATIONS PROJECTS

**PRECISION INDUSTRIES PI-Telco Gensets** PROVIDE RELIABLE, EFFICIENT POWER SOLUTIONS FOR CRITICAL TELECOM APPLICATIONS. ENGINEERED FOR TELECOM SITES, TOWER COMPANIES, AND MOBILE NETWORK OPERATORS, THESE GENSETS OFFER HIGH PERFORMANCE, EXTENDED RUNTIMES, AND OPTIMIZED OPEX AND CAPEX.



#### KEY FEATURES:

- **OPEX and CAPEX Reduction:**

Built to lower operating and capital expenses through energy efficiency and extended service intervals, reducing total cost of ownership.

- **Remote Management:**

Real-time monitoring and management capabilities enable precise control and diagnostics, supporting proactive maintenance and reducing downtime.

- **Anti-Theft System:**

An integrated anti-theft mechanism provides added security, ideal for remote or unmanned sites where equipment security is critical.

- **Built-In ATS Panel:**

The Automatic Transfer Switch (ATS) feature ensures a smooth and reliable transition between power sources, preventing any disruption in telecom operations.

- **Integrated Fuel Tank:**

With a fully bunded and compact fuel tank, offer increased fuel autonomy and enhanced safety for extended operation in remote locations.

- **Dismountable Gen Set:**

Designed for flexibility, the gensets are easily dismountable for transport or relocation, providing convenience and adaptability to meet site-specific needs.

- **Designed to Meet Customer Specifications:**

Fully customizable, PI-Telco Gensets can be tailored to meet the unique power requirements of each telecom application, ensuring a perfect fit for every deployment.

- **Significant Inventory for Swift Delivery:**

With a large inventory on hand, Precision Industries ensures fast delivery and quick deployment, minimizing lead time and enabling rapid setup for critical sites.

# CUSTOMIZED DIESEL GENERATORS

## RENTAL



At **PRECISION INDUSTRIES**, WE SPECIALIZE IN CREATING CUSTOM **RENTAL-SPEC GENERATORS** TAILORED TO MEET EACH CLIENT'S SPECIFIC REQUIREMENTS, WITH POWER OUTPUTS RANGING FROM 30 KVA TO 3500 KVA. OUR SOLUTIONS ARE DESIGNED TO PROVIDE RELIABLE, EFFICIENT, AND ADAPTABLE POWER FOR A RANGE OF APPLICATIONS ACROSS MULTIPLE INDUSTRIES.

### KEY FEATURES:

- **Custom Design:**

Choose from leading engines, including Perkins, Cummins, Mitsubishi, and Yuchai, to meet specific performance and durability needs in rental settings.

- **50/60 Hz Switchable:**

Our generators offer frequency flexibility, allowing operation in various power grids or applications where 50 Hz or 60 Hz frequencies are required.

- **High-Quality Synchronization:**

PI's synchronized diesel generators are engineered for demanding environments, enabling multiple units to operate together seamlessly for enhanced power capacity and balanced load sharing.

- **Integrated Fuel Tank:**

Fully bunded fuel tanks are incorporated for both safety and convenience, reducing spillage risks and supporting longer runtimes between refuelling.

- **Advanced Cooling System:**

Equipped with remote radiators and electronically controlled fans, our cooling systems are optimized for continuous, high-load performance, especially in challenging environments or extended runtime scenarios.

- **Custom Control Panel:**

Each generator includes a specialized control panel with circuit breakers and customized controls, ensuring precise operational management and safety tailored to each application.

- **Distribution Panel:**

Output sockets in the distribution panel allow for straightforward, efficient power distribution across multiple devices or areas, simplifying deployment and usage.

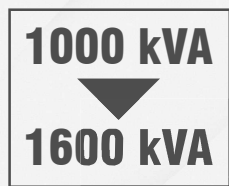
- **Remote Monitoring Capabilities:**

Stay connected with real-time monitoring and diagnostics, giving you full visibility and control over the generator's performance and status, even from a distance.



# CUSTOMIZED DIESEL GENERATORS

## POWER BOX



**PRECISION INDUSTRIES PI Power Box** DIESEL GENERATOR REPRESENTS A BREAKTHROUGH IN POWER GENERATION, COMBINING COMPACT DESIGN WITH HIGH POWER OUTPUT FOR EFFICIENT, RELIABLE ENERGY IN EVEN THE MOST DEMANDING CONDITIONS. ENGINEERED FOR DURABILITY AND EASE OF USE, IT IS WELL-SUITED FOR A WIDE RANGE OF INDUSTRIAL AND COMMERCIAL APPLICATIONS.

### KEY FEATURES:

- **Advanced Cooling System:**

Equipped with optimized ventilation and a remote radiator, the Power Box maintains stable, controlled temperatures, ensuring reliable operation in harsh environments and heavy-duty cycles.

- **Noise Reduction with Residential-Grade Silencer:**

The built-in silencer minimizes operational noise, enhancing user comfort and making it suitable for noise-sensitive locations.

- **Enhanced Durability:**

High-performance components, including an oil level sensor and advanced fuel filtration, improve longevity and ensure the generator operates at peak efficiency with minimal maintenance.

- **Convenience and Control:**

Self-start capabilities and full remote-control functionality offer seamless, userfriendly operation, enabling hands-free management and quick deployment.

- **Smart Technology Integration:**

With GPS tracking and real-time data reception, the PI Power Box provides users with comprehensive monitoring and control over generator performance remotely, facilitating efficient fleet and resource management.

# CUSTOMIZED DIESEL GENERATORS

## SKD - Kit



At **PRECISION INDUSTRIES**, WE ARE COMMITTED TO DELIVERING INNOVATIVE SOLUTIONS THAT GO BEYOND PROVIDING HIGH-QUALITY PRODUCTS. OUR APPROACH EMPHASIZES SEAMLESS LOGISTICS, COMPLIANCE WITH INTERNATIONAL AND LOCAL STANDARDS, AND FOSTERING SUSTAINABLE DEVELOPMENT IN THE REGIONS WE SERVE. BY PRIORITIZING LOCAL ENGAGEMENT AND SKILL DEVELOPMENT, WE AIM TO CREATE VALUE FOR OUR CLIENTS WHILE CONTRIBUTING POSITIVELY TO LOCAL ECONOMIES.

- **Transport:**

We provide pre-packaged assembly kits designed for optimal efficiency, adhering to rigorous quality standards and approved industry protocols.

- **Regulations and Customs:**

With extensive experience and adaptability, we streamline the documentation and regulatory processes to meet the specific requirements of receiving countries.

- **Local Assembly:**

Final assembly in the receiving country fosters job creation, stimulates the local economy, and supports a structured plan for progressive technology transfer, ultimately enabling full integration.

- **Training and Skills Development:**

Local assembly facilitates hands-on training and skill enhancement, empowering the workforce and fostering sustainable growth at the local level.

- **Regulatory Compliance:**

Assembling locally ensures adherence to national standards and regulatory frameworks, aligning with local laws and requirements.

# CUSTOMIZED DIESEL GENERATORS

## POWER PLANT

10 MW  
▼  
100 MW



**PRECISION INDUSTRIES** DIESEL GENERATORS PROVIDE THE IDEAL SOLUTION FOR CONTINUOUS POWER NEEDS IN RURAL, REMOTE, AND INDUSTRIAL AREAS, ESPECIALLY WHERE CONSISTENT, GRID-INDEPENDENT ENERGY IS ESSENTIAL. OUR CUSTOMBUILT GENERATORS ARE DESIGNED TO TACKLE THE CHALLENGES OF POWERING ISOLATED LOCATIONS AND INFRASTRUCTURE-LIMITED SITES, ENSURING UNINTERRUPTED OPERATIONS UNDER ANY CONDITIONS.

### CHALLENGES WE ADDRESS:

- **Remote Locations:**

Ideal for areas where utility grid access is delayed or unavailable, our generators deliver dependable, standalone power.

- **Infrastructure Limitations:**

When a site lacks the infrastructure for sustained energy needs, our generators provide a stable, self-sufficient power source.

- **Reliable Power for Critical Equipment:**

In regions where grid stability is inconsistent, our generators offer a steady power supply, safeguarding sensitive equipment and minimizing downtime.

- **Power Quality:**

For sensitive applications where distribution network power quality is insufficient, our generators supply high-quality, stable energy to meet precise operational standards.

### SOLUTIONS AND KEY BENEFITS

- **Unmatched Reliability:**

Precision Industries' generators are built to withstand harsh conditions and deliver continuous, reliable power across challenging environments, supporting round-the-clock operations.

- **Customizable Solutions:**

We tailor our generators to meet specific client needs, including adjustable capacity, noise levels, and emissions control, ensuring each unit is optimized for its unique setting.

- **Environmental Compliance:**

Our generators can be configured to adhere to strict environmental standards, reducing emissions and supporting sustainability goals without compromising power output.

- **Turnkey Solutions:**

Precision Industries provides end-to-end project support, from installation and testing to commissioning and maintenance. Our turnkey approach ensures that each power system is operational and efficient from day one, simplifying deployment and management.



# PI PROJECT RANGE

We offer comprehensive turnkey solutions, taking care of every aspect of your power generation project. From initial design and engineering to installation and commissioning, our team of experts ensures a seamless process. We also integrate with third-party systems to guarantee optimal functionality and performance.

## **Decades of Experience and Expertise**

With years of experience in the industry, Precision Industries has established itself as a trusted partner for oil and gas companies worldwide.

Our team of engineers and technicians possesses the knowledge and skills to deliver reliable and efficient power solutions.



# CUSTOMIZED DIESEL GENERATORS

**UP TO 3500 KVA**

## OIL & GAS

### Specialized Power Generation Solutions for Demanding Environments

**PRECISION INDUSTRIES** DELIVERS TAILORED, HIGH-PERFORMANCE POWER SYSTEMS DESIGNED SPECIFICALLY FOR THE OIL AND GAS SECTOR. OUR GENERATORS ENSURE CONTINUOUS, RELIABLE POWER IN THE HARSH ONSHORE AND OFFSHORE ENVIRONMENTS, MEETING THE UNIQUE CHALLENGES OF YOUR INDUSTRY WITH EXCELLENCE.

#### PRODUCT HIGHLIGHTS

- **Extreme Environment Engineering:**

Designed to perform under intense conditions like salt spray, humidity, severe storms, and extreme temperatures. Precision generators keep your operations running smoothly, even in the remotest locations.

- **Safety and Compliance First:**

Our solutions are built with safety at the forefront, using explosion-proof designs and fire-resistant materials. Every unit complies with OSHA, API, and other stringent oil and gas industry standards, ensuring your operations remain protected.

- **Custom Solutions for Every Application:**

From high-capacity generators for drilling rigs to portable units for flexible deployment, we tailor our power systems to meet the specific demands of each operation—guaranteeing efficiency and resilience.

#### KEY BENEFITS

- **Reliable Operation in Remote Locations:**

Resilient systems designed for continuous operation, essential to oil and gas production in isolated or extreme environments.

- **Optimized for High-Demand Oil & Gas Needs:**

Built to withstand heavy loads and high demand cycles, our generators provide consistent power during peak operational phases.

- **24/7 Expert Support:**

With a dedicated support team and industry expertise, Precision Industries is available around the clock to keep your power systems running at peak performance.

#### APPLICATIONS

- **Offshore Drilling Platforms:**

Reliable power that withstands ocean conditions and maintains uninterrupted drilling operations.

- **Onshore Processing Facilities:**

High-capacity systems that ensure consistent energy for refining and processing.

- **Remote Exploration Sites:**

Portable and resilient units designed for dependable power in the most isolated areas.

**PRECISION INDUSTRIES** is the trusted partner in oil and gas power solutions, delivering the resilience, safety, and reliability that your operations demand. When it comes to powering oil and gas, trust the precision engineered difference.

# AREAS OF INTERVENTION



## Oil and Gas

Custom generating sets for reliable power in oil and gas extraction sites.



## Agriculture

Rugged generators to supply electricity for agricultural operations.



## Data Centers

Continuous, uninterrupted power for efficient data center operations.



## Construction

Robust generators and lighting towers for construction



## Mining

Custom generators for mining applications.



## Healthcare

Reliable generators for hospitals and clinics.



## Telecom

Generators for off-grid cell towers and telecom installations.



## Rental

Feature-rich generators for rental applications.



## Diesel Power Plants

Complete power plant solutions for utility grid supply.

# AFTER SALES

## WHAT SERVICE WE OFFER ?



### **1. Generator Maintenance and AMC**

preventative maintenance for diesel engine generators to increase reliability, decrease repairs, and lower long-term expenses

### **2. Generator Installation and fabrication works**

Generator installation and fabrication works encompass setting up generators and custom-building necessary components to ensure they operate efficiently and safely, tailored to specific needs and site conditions.

### **3. Electrical works and Controller installation with programming**

we understand the needs for flexibility. we offer Controller installation specialized in DSE and programming .

### **4. Alternator & Engine Repairs and Overhauling**

Engine overhauling involves thoroughly inspecting, cleaning, and replacing worn components to restore the engine to optimal performance, ensuring reliability and extending its lifespan.

### **5. Fuel, Oil , Coolant, emission, vibration and sound test**

We offer testing for contamination, acceptance and quality. critical for ensuring a generators optimal performance.

### **6. External Load bank testing Rental**

This testing method involves connecting a load bank to the generator to simulate electrical loads, allowing for an assessment of the generators capability to handle actual-life demand

### **7. Spare Parts Servicing and Machine refurbish**

Spare parts servicing ensures that machinery and equipment remain operational and efficient by providing timely replacements and maintenance for worn or damaged components.

### **8. Testing and Commissioning**

we prioritize honesty and integrity when it comes to the performance of our products. To ensure that our generators work efficiently and reliably, our specialized team conducts commissioning and testing at the installation site.

### **9. Extended Warranty**

we offer extended warranty policies for our generators to provide you with peace of mind, reduce downtime, and eliminate worries and headaches associated with unexpected component failures. reliability and extending its lifespan.

# WHERE POWER MEETS PRECISION

## Global Office Branches

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