

Oil & Gas

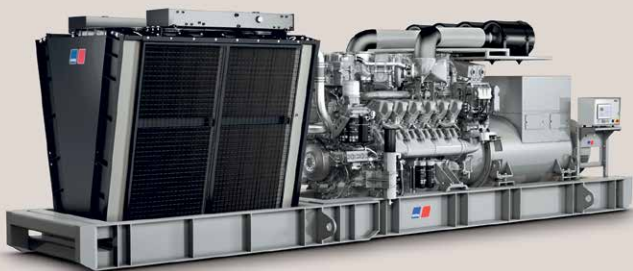
Electric Drilling Package Series

0%

EFFORT

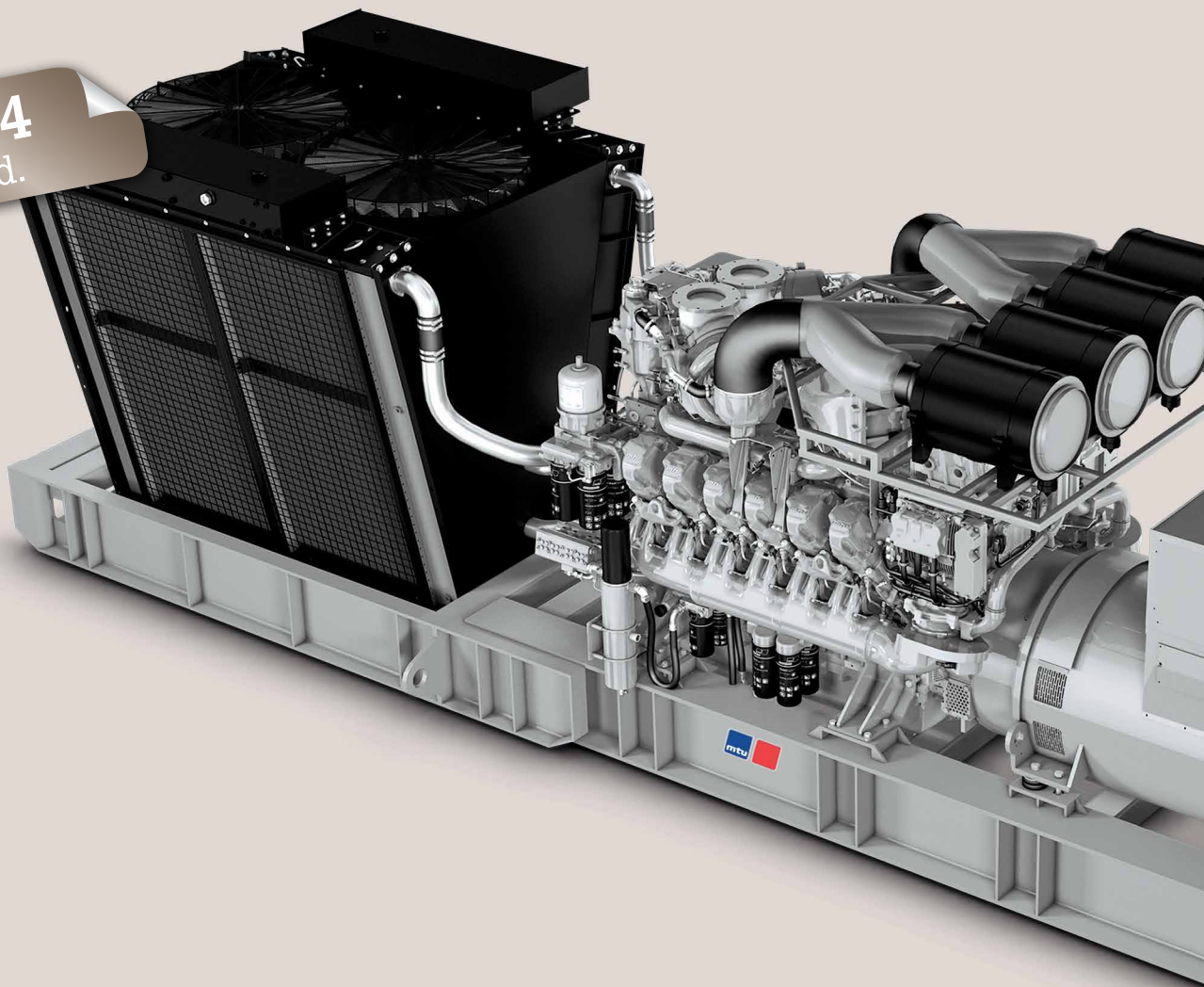
100% PLUG & PLAY

New
Electric Drilling
Package



Power. Passion. Partnership.

Tier 4
certified.



New Electric Drilling Package



Series 4000

Series 4000 Tier 4 diesel engine

Cost-effective

- No additives needed for emissions control
- Up to 5% better fuel economy¹
- Lower lifecycle costs¹

Maximum performance and durability

- Full performance available up to 13,000 ft (4,000 m)²
- Optimized power-to-weight ratio
- Rugged, reliable design

Proven technology

- Fourth-generation common rail injection system with excellent transient behavior
- New generation of the successful Series 4000 engine

¹ Compared to Tier 2 engine

² Dependant on air intake temperature. Subject to confirmation.



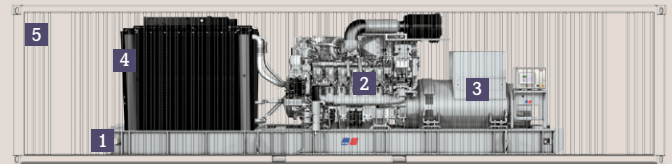
New Electric Drilling Package

Great flexibility

- Easy system handling due to compact profile and rugged base frame
- Modularity for remote or standard package

Improved health & safety conditions

- Reduced noise and heat stress levels for personnel



- 1 Base frame
- 2 Series 4000 Tier 4 diesel engine
- 3 Generator
- 4 Radiator
- 5 Compact system design fits easily in a 40-foot open top high cube container

New Electric Drilling Package – The flexible all-in-one solution.

MTU's New Electric Drilling Package is an all-in-one solution, including genset and radiator, developed to answer all the needs of a drilling operation, whatever the conditions.

Greater flexibility for operators

The New EDP offers great flexibility to drilling operators: wherever you plan to use your equipment in future - the New EDP is ready for it. Cold start capability down to 14 °F / -10 °C (without preheating) and going up to 131 °F / 55 °C ambient allows operation from harsh winter to scorching summer. Thanks to its compact dimensions, the New EDP also fits perfectly into a 40-foot open-top high cube container.

Ruggedness and improved safety

All system components are built for maximum durability and designed to withstand the extreme environmental conditions at oil and gas wells all around the world. At the same time, reduced heat and noise emissions – thanks to the radiator – mean improved operational safety and less strain on personnel.

Economical power and high performance

The New EDP is powered by an MTU 12V 4000 engine capable of generating 2012 bhp (1,500 kW) of electricity at 60 Hz. Featuring industry-leading technology and a proven common rail injection system, the engine delivers outstanding fuel economy and full performance up to 13,000 ft (4,000 m)².

Quality and service

All components are engineered to meet the highest quality standards and designed for easy serviceability. Everything comes from one trusted source and is designed to work together, which prolongs preventive maintenance and overhaul intervals. Expert support is available worldwide through MTU's global network.

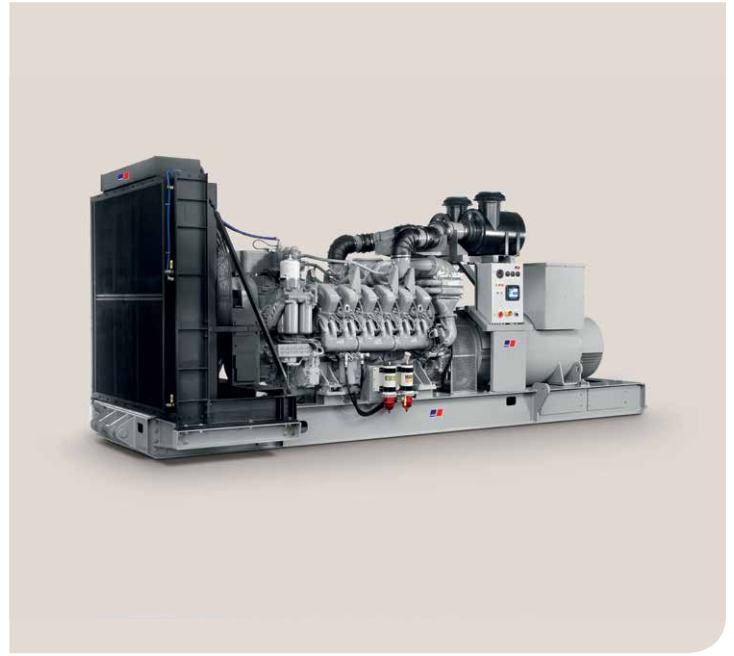
One trusted partner - several solutions.

Built to suit the needs of today's drilling operations, the MTU Electric Drilling Packages (EDP) deliver high performance, efficiency and reliability from one trusted partner. The self-contained package integrates diesel engine, generator, radiator and other MTU components seamlessly.



Electric Drilling Package (EDP) for 50Hz

- **Configuration:** 12V 4000 G23
- **Rated Power:** 1420 kW



Electric Drilling Package (EDP) for 60Hz

- **Configuration:** 12V 4000 G73
- **Rated Power:** 1105 kW

Electric Drilling Packages (EDP) – Technical Overview

Application	Rated Power (mechanical)		Speed rpm	Frequency Hz	Emission qualification
	kW	bhp			
Prime Power operation					
4000 T35	1500	2012	1800	60	EPA Nonroad T4 (40CFR1039)
4000 G73	1105	1482	1200	60	EPA Nonroad T2 Comp (40CFR89)
4000 G23	1420	1904	1500	50	Emission optimized (TA-Luft)