



Oil & Gas

ELECTRIC DRILLINGPACK (EDP)



A Rolls-Royce
solution

THE FLEXIBLE ALL-IN-ONE SOLUTION.

mtu's Electric DrillingPack (EDP) 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 EDP offers great flexibility to drilling operators. Wherever you plan to use your equipment, the EDP is ready for it. Cold start capability down to 14 °F / -10 °C (without preheating) and heat tolerance up to 131 °F / 55 °C ambient, allows operation from harsh winter to scorching summer. Thanks to its compact design, the EDP also fits perfectly into a 40-foot open-top high cube shipping container.

Ruggedness and improved safety

All system components are built for maximum durability and designed to withstand the extreme environmental conditions at drill sites 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 EDP is powered by an **mtu** 12V 4000 engine capable of continuous output at 1829 bhp (1364 kWm) at 1800 rpm. Featuring industry-leading technology and a proven common rail injection system, the engine delivers fuel efficiency and outstanding transient response.

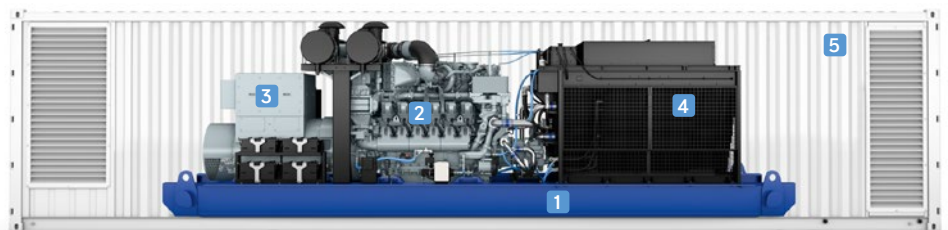
Quality and service

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, **mtu** Electric DrillingPacks deliver high performance, efficiency and reliability from one trusted partner. The self-contained package integrates diesel engine, generator, radiator, digital genset controls and other **mtu** components seamlessly.

- 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



Electric DrillingPack (EDP) - Ratings at a Glance

Application	Engine	Rated power (electrical)	Rated power (mechanical)		Speed	Frequency
		kWe	kWm	bhp	rpm	Hz
EDP Tier 4	12V 4000 T25L	1240	1364	1829	1800	60
EDP Tier 2	12V 4000 G73	1000	1105	1482	1200	60

TIER 4
CERTIFIED



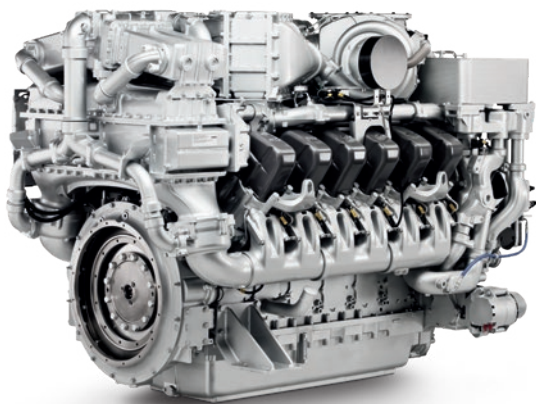
Electric DrillingPack

Great flexibility

- Easy system handling due to narrow profile and rugged base frame
- Fits fully assembled in 40-foot open-top high cube container

Improved health & safety conditions

- Reduced noise and heat stress levels for personnel, thanks to variable speed fan and vertical air exhaust



Series 4000 Tier 4 diesel engine

Advanced emission control

- No additives needed to meet Tier 4
- No DOC or SCR required
- In-engine technology and active emissions control adjusts combustion cycle to optimize performance while still meeting emissions standards

Maximum performance

- Excellent transient response due to 2-stage turbocharging
- Optimized power-to-weight ratio
- Highest power rating in industry
- 4th generation common-rail fuel injection

Proven durability

- Based on Series 4000 frac engine with hundreds of units in service
- 30,000 hour TBO; same as Tier 2 at 1200 rpm



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