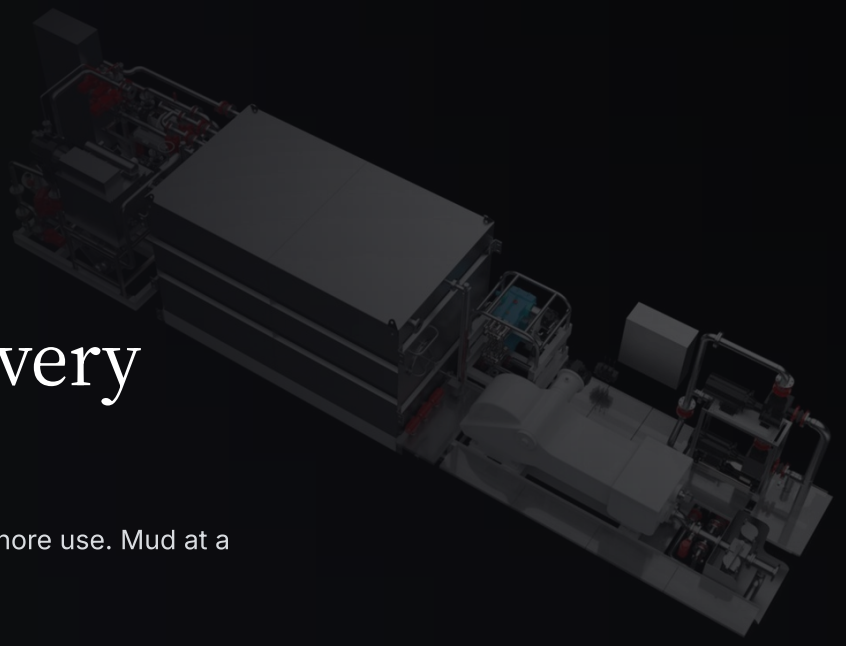
MINT MECH SPECIALIST ENGINEERS

RAPIMUD™ 600 / DRILLING FLUID MIXING



Consistent mud, every mixing run.

An automatic drilling fluid mixing system for offshore use. Mud at a guaranteed consistency, at 600 L/min.

600 L/min
MIXED-FLUID OUTPUT

Dual
AGITATED MIXING TANKS

PLC/HMI
AUTOMATIC CONTROL



01 PUMPS AND PIPEWORK

RAPIMUD 600 / HIGHER THROUGHPUT

The higher-output model. For higher-throughput drilling and large-diameter or construction duties. The RapiMud 300 is its compact, lower-output sibling, with the same architecture, controls and containerised format.

MATCHED TO THE SPREAD

Two standard sizes, 300 and 600 L/min, to match the mixing rate to the drilling spread.

INTERFACES

Integrates with primary seawater pumps and mud tanks supplied by others, with electrical, air and water service connections.

01 / AUTOMATED

No hand-batching.

Sack-tip station, flexi screw feeder and venturi mixing into dual agitated tanks.

02 / PLC/HMI CONTROL

Select, mix and log.

Select product, mix ratio, source, destination, tank and pump. Screw-feeder speed control, alarm and fault logging, pump run-time logging and a system mimic screen.

03 / SELF-CLEANING

Hoppers that keep clear.

Venturi hoppers with air-cannon reverse-jet filter cleaning.

04 / CONTAINERISED

The whole process in one system.

Sack handling, mixing, pumping, instrumentation and control in one containerised system, or integrated into a containerised mud-pumping spread.

STANDARD PRODUCT

PLC/HMI control and venturi mixing produce drilling fluid at a guaranteed consistency. Available for supply or rental.

MINT MECH SPECIALIST ENGINEERS

Mixing, pumping and control in one.

Both sizes share the same architecture, controls and containerised format. The RapiMud 600 delivers 600 L/min of mixed drilling fluid at guaranteed consistency.

RAPIMUD 600 SPECIFICATION

Output	**600 L/min** mixed drilling fluid at guaranteed consistency.
Mixing	Sack-tip, flexi screw feeder, venturi and dual agitated mixing tanks; surge tank with variable-rate dosing.
Pumps	Mud-mixing pumps plus selectable mix/transfer pumps; high-pressure pump for HP/backup duty; mud flow meter.
Control	PLC with HMI; product, ratio, source and destination selection; alarm, fault and run-time logging.
Hoppers	Venturi hoppers with air-cannon reverse-jet filter cleaning.
Format	Containerised; integrates with primary seawater pumps and mud tanks supplied by others.
Services	Electrical, air and water service connections.
Availability	Standard product, for supply or rental.



RAPIMUD

Stainless hopper, pumps and pipework.

CONTROL

PLC/HMI.

- **Selection** - product, mix ratio, source, destination, tank and pump.
- **Feed** - screw-feeder speed control.
- **Logging** - alarm, fault and pump run-time logging.
- **Mimic** - system mimic screen.

TWO SIZES

Matched to the spread.

- **RapiMud 600** - 600 L/min; higher-throughput drilling and large-diameter or construction duties.
- **RapiMud 300** - 300 L/min; smaller spreads, tighter deck footprint, lower mud demand.
- **One platform** - the same architecture, controls and containerised format.

Contact us

Send us your mud demand and deck footprint.

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