

Quiet Pumpdown Perforating Fleet

Maintains operational integrity while reducing noise

What it includes

The quiet pumpdown perforating fleet is a full-service system that includes a pumpdown perforating unit, 40-tonUS crane, and parts trailer converted to run on electricity.

How it improves operations

The electric pumpdown perforating fleet delivers efficiency while reducing HSE concerns and noise pollution.

How it works

The system uses quiet electric motors for system hydraulics, reducing noise emissions to <65 dB. It eliminates diesel emissions of the logger, crane, and parts trailer.

What it replaces

The quiet pumpdown perforating fleet replaces noisy diesel engines that create significant emissions.



The compact quiet pumpdown perforating fleet increases efficiency while mitigating environmental impact.

Quiet Pumpdown Perforating Fleet Specifications

Power source	Grid power, gas turbine, and generator
Voltage requirement [†]	575 V
Logger current	200 A
Crane current	150 A
Parts trailer current	150 A
Logger mule weight	5,500 lbm [2,500 kg]
Crane mule weight	4,000 lbm [1,800 kg]
Charge pressure	350 psi [2.4 MPa]
System pressure	5,000 psi [34.5 MPa]
Motor start up	150 kW
Winch idle	10 kW
Winch running	25 kW
Crane size	40 tonUS [36.3 tonUK]

[†] If 480-V service is available, a step-up transformer can be used to achieve 575 V.