

Designed Specifically for FRD Tier IV Drills

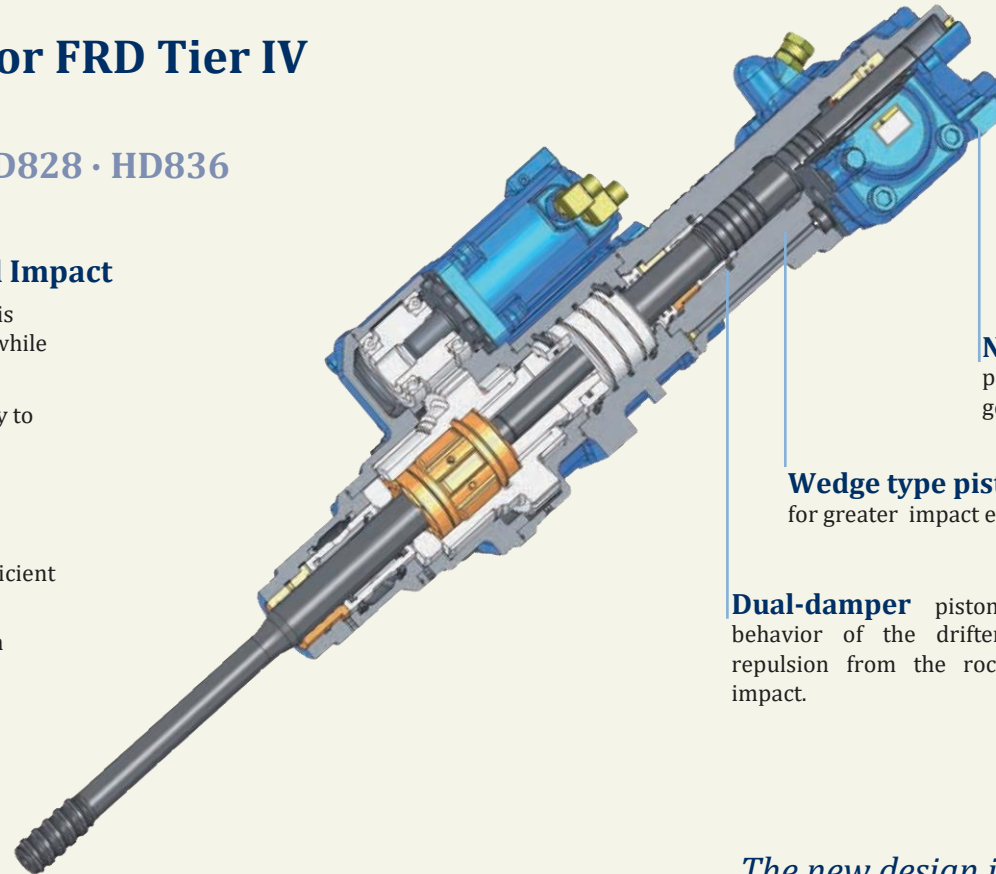
HD818 · HD822 · HD828S · HD828 · HD836

Better Penetration with Increased Impact

- The HD800 Series drifter (patent applied for) is designed to minimize drill noise and vibration, while increasing performance.
- With 20% more impact, this drill has the ability to perform in harder rock at a larger diameter.

Dual Damper System DDS

- Stabilizes the bit against the rock, ensuring efficient energy transfer and straighter holes.
- Automatically adjusts the drifter for maximum performance regardless of the rock condition.



New piston actuating mechanism performs with 26% more percussion and generates 20% more power at the same time.

Wedge type piston allows for greater impact efficiency.

Dual-damper piston stabilizes the behavior of the drifter by absorbing repulsion from the rock face during impact.

The new design increases impact by 20%, giving it the ability to perform in harder rock at a larger diameter.

HD800 SERIES DRIFTER

	HD818		HD822		HD828S		HD828		HD836	
	US Standard	Metric	US Standard	Metric	US Standard	Metric	US Standard	Metric	US Standard	Metric
Drill Compatibility	900ES/1100-ED		1100-ER		1450		1800		1800	
Maximum Impact Pressure	2,900 psi	20 MPa	2,900 psi	20 MPa	3,118 psi	21.5 MPa	2,900 psi	20MPa	3,335psi	23 MPa
Blow – Long Stroke	2,800 bpm		2,700 bpm		2,500 bpm		2,700 bpm		2,600 bpm	
Blow – Short Stroke	3,400 bpm		3,300 bpm		3,000 bpm		3,300 bpm		3,100 bpm	
Stroke Adjustment	Variable		Variable		Variable		Variable		Variable	
Maximum Rotation Torque	508 ft-lbs	689 Nm	1,045 ft-lbs	1,417 Nm	1,045ft-lbs	1,417 Nm	1,045 ft-lbs	1,417Nm	2,179ft-lbs	2,955 Nm
Maximum Number of Rotations Per Minute	200		190		190		190		120	
Flushing System	Swivel Type		Swivel Type		Swivel Type		Swivel Type		Swivel Type	

