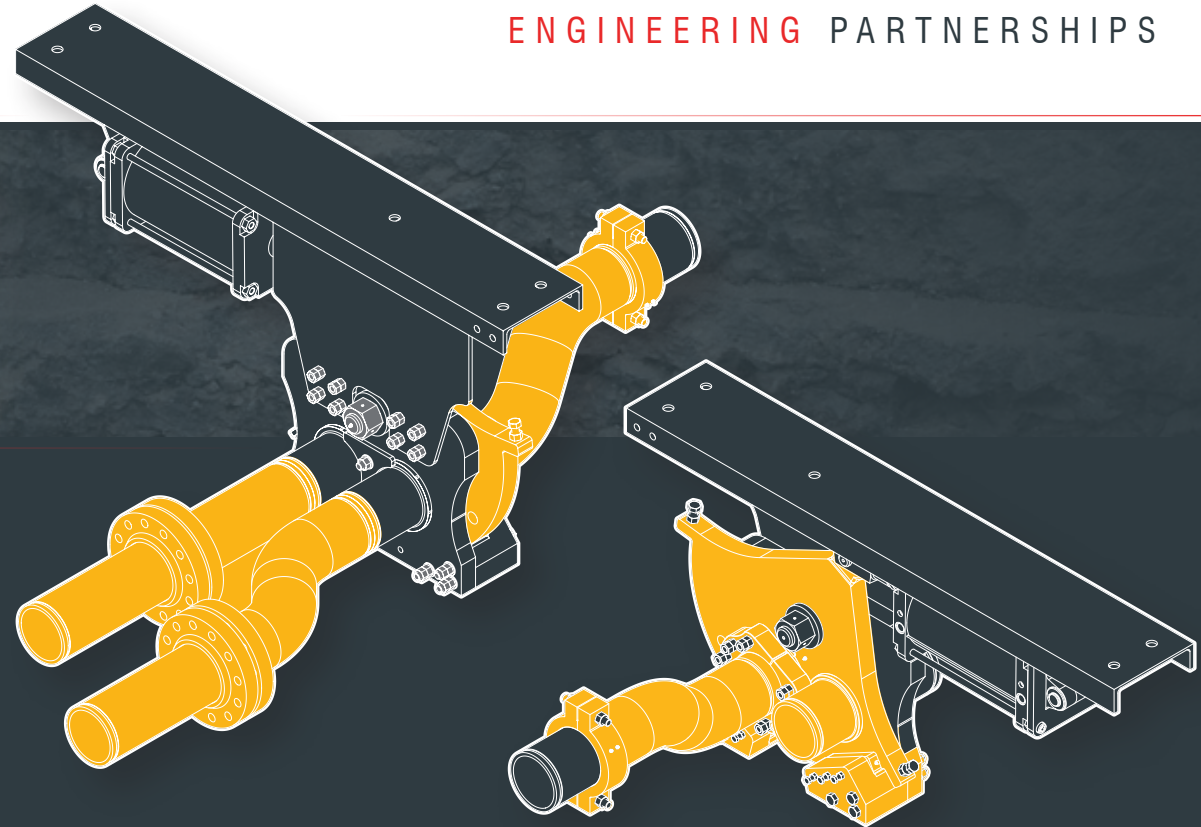




QUATTRO
PROJECT
ENGINEERING

ENGINEERING PARTNERSHIPS



2 POSITION DIVERTER

The QD2 has been designed as a highly practical inclusion to any backfill system.

Pneumatically driven by a simple connection to mine air, the valve can be locally or remotely actuated via the inclusion of electrical control.

Rated to a pressure of 10MPa, the QD2 allows the automated diversion or dumping of the system from one line to another in seconds. The QD2 has a low profile frame which bolts directly to the backs in line with existing reticulation pipework. Via the inclusion of additional ports to the sluce plate, the QD2 facilitates downstream segmented flushing or a pipe inspection access point.

The QD2 plays a key role in mitigating the risks associated with system stoppage/blockage. By maintaining a full line condition and being able to “crack” a pressurised line, the QD2 effectively reduces the system friction losses that impact the flushing process and thus ensures the reticulation line can be cleared quickly prior to first set. Once the stoppage/blockage has been cleared, the system can be reinstated in seconds, ensuring production schedules are maintained and form an essential part of a modern paste backfill delivery system.



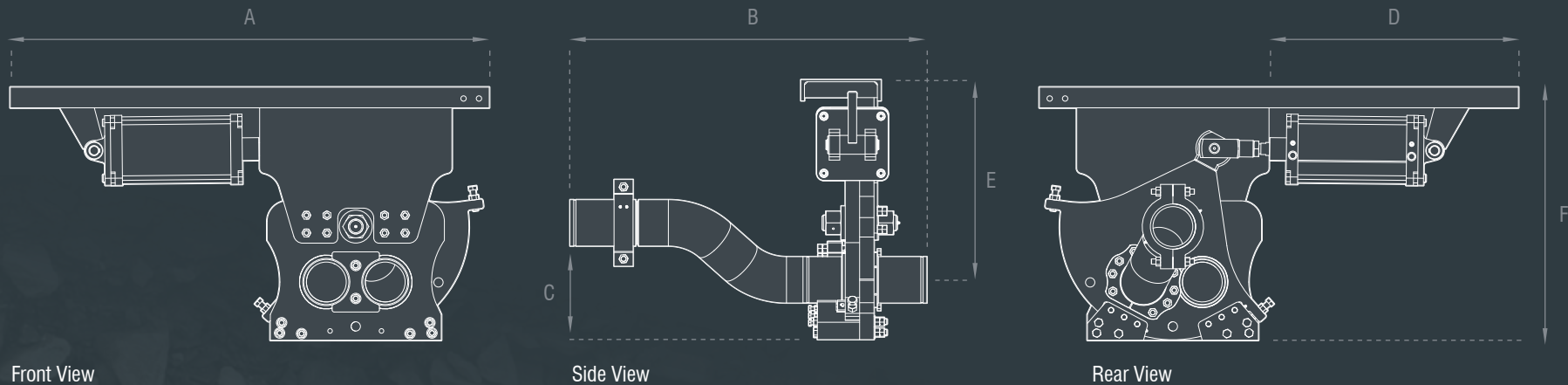
2 Position Diverter

The two (2) position Quattro Paste Diverter is a proprietary product proven to increase the reliability, efficiency and safety of underground paste reticulation systems by allowing the paste reticulation line to be safely “dumped” to a dedicated sump or flow diverted between two separate reticulation lines.

Available in standard sizes of 6” (150NB SH80) and 8” (200NB SH80) with custom sizes available on request, the QD2 diverts paste flow whilst maintaining a full line condition. Standard actuation comes via a simple pneumatic arrangement utilising the mine air circuit for manual operation. Remote operation can be

facilitated via the inclusion of an electrical control box with pneumatic control. Quattro’s QD2s are Australian owned, manufactured and designed to suit Australian hard rock UG mining conditions and form an essential part of a modern paste backfill delivery system.

- Isolation
- Dump
- Diversion
- Rated to 10MPa
- Schedule 80 Pipe
- Automated Control System (PLC)
- Various Mounting Configurations
- Standard ANSI 600 Flanges
- Insitu Service and Overhaul (Seal replacement)
- Available in 6” and 8”
- Auto and Manual Lockout
- No Dead Zones
- Robust, Rugged Construction



Nominal Bore Size	Dimensions						Schedule	Rating (MPa)
	A	B	C	D	E	F		
6” or 150 mm	2329	1758	468	1213	946	1229	80	10
8” or 200 mm	2329	1689	442	1213	946	1229	80	10