

Platform overview

MODEL	PAYLOAD	POWER	AXLES / MOTORS	LENGTH	TURNING CIRCLE	TAILPIPE CO2
D2-180	180 t	1,600 kW	2 / 4	12.5 m	20.7 m	0 g
D3-284	284 t	2,400 kW	3 / 6	14.2 m	22.7 m	0 g
D4-380	380 t	3,200 kW	4 / 8	15.8 m	24.6 m	0 g
D5-484	484 t	4,000 kW	5 / 10	19.1 m	28.3 m	0 g
D6-570	570 t	4,800 kW	6 / 12	22.4 m	32.3 m	0 g
D8-774	774 t	6,400 kW	8 / 16	29.0 m	40.2 m	0 g

Shared architecture

Drive	All-wheel drive, in-wheel hub motors on every axle. No transmission, no differential.
Energy recovery	Regenerative braking on descent returns energy to the pack. On deep open-cut profiles the loaded descent can recharge the empty climb.
Battery	Hot-swappable pack, 15-minute exchange at the bay.
Serviceability	Wheel, battery pack, or drive module exchanged in approximately 15 minutes. Component repairs move to the workshop.
Availability	95% technical availability, contractually guaranteed under ETF contracting agreements.
Cabin	Below 70 dB interior. No engine noise, vibration, or diesel particulate.
Certification	ISO 9001 certified engineering.

Engagement models

Tonnes-moved contracting	ETF operates the fleet on site. Fixed price per tonne-kilometre, availability guarantee, shared telemetry.
Fleet leasing	5 to 15 year terms, battery-as-a-service, on-site ETF technical crew.
Pit electrification audit	12-week study: haul-cycle simulation, energy-flow model, ROI projection. Independent deliverable.

Figures are platform-level reference values; site-specific configurations are engineered per haul profile. Request a brief for a binding specification: info@etfaustralia.com.au