

75 kW / 150 kW Development Drive





The **75 kW / 150 kW Development Drive** is a powerful, self-contained conveyor drive system engineered for fast, efficient material handling during underground mine development. Built to deliver reliable performance in tough conditions, it's compact, modular, and easy to relocate — perfect for operations that need flexibility without sacrificing power. **Available now**, the Development Drive features a standard 75 kW configuration that's upgradeable to 150 kW, integrated belt storage, and optional flameproof and pneumatic features. Designed and built in Australia to meet the highest safety and performance standards, this ready-to-go unit offers exceptional value for purchase or hire — helping sites boost productivity and reduce downtime from day one.

Power and Performance

- Current Configuration: 75 kW system (Upgradeable to 150 kW with twin-drive configuration)
- Transmission: 75 kW WEG flameproof motor, 1000V, IP66-rated
- Gearbox: SEW single right-angle planetary gearbox, 28.25:1 ratio
- Fluid Coupling: Fludomat SF-8 rated to 80 kW at 1500rpm
- Drive Pulley: Ø750 × 1400 mm, ceramic dimple lagging, 15mm, with integrated speed sensors for belt slip monitoring.

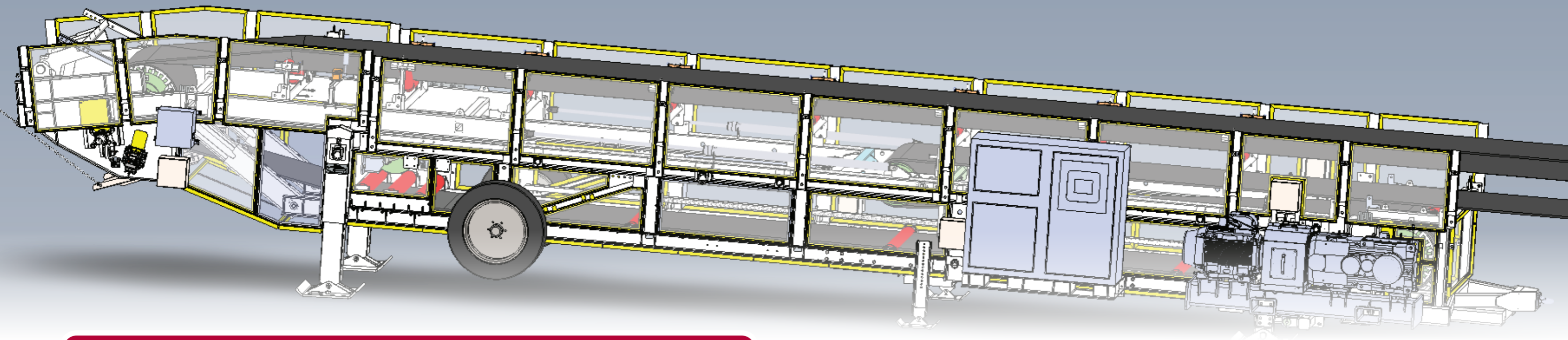
Key Features

- Ringway Starter: Machine mounted for compact installation
- Flameproof Option: For hazardous zones, with upgrade path to EXD compliance
- Belt Storage: 11m standard, extendable in 3m modules
- Belt Width: Up to 1200mm
- Belt Speed: 3.2m/s
- Capacity: Refer to Tonnes per Hour chart attachment
- Full guarding to AS/NZS 4024 standards for machinery safety.

Optional Enhancements

- Upgradeable to 150 kW with dual motor and gearbox setup.
- Pneumatic (Air) winch upgrade for automated tensioning
- Additional belt storage modules
- Flameproof electrical packages

Lift (m)	NA	NA	DD 350	DD 350	DD 350	DD 350	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS		
200	NA	NA	DD 350	DD 350	DD 350	DD 350	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS		
180	NA	NA	DD 250	DD 350	DD 350	DD 350	DD 350	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS		
160	NA	DD 250	DD 250	DD 350	DD 350	DD 350	DD 350	DD 350	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS		
140	NA	DD 250	DD 250	DD 250	DD 350	DD 350	DD 350	DD 350	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS		
120	NA	DD 250	DD 250	DD 250	DD 250	DD 350	DD 350	DD 350	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS		
100	NA	DD 150	DD 250	DD 250	DD 250	DD 250	DD 250	DD 350	DD 350	DD 350	DD 350	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS		
80	DD 150	DD 150	DD 250	DD 250	DD 250	DD 250	DD 350	DD 350	DD 350	DD 350	DD 350	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS		
60	DD 150	DD 150	DD 150	DD 250	DD 250	DD 250	DD 250	DD 350	DD 350	DD 350	DD 350	CUS	CUS	CUS	CUS	CUS	CUS	CUS	CUS		
40	DD 75	DD 150	DD 150	DD 150	DD 250	DD 250	DD 250	DD 250	DD 350	DD 350	DD 350	DD 350	CUS	CUS	CUS	CUS	CUS	CUS	CUS		
20	DD 75	DD 150	DD 150	DD 150	DD 150	DD 250	DD 250	DD 250	DD 250	DD 350	DD 350	DD 350	DD 350	CUS	CUS	CUS	CUS	CUS	CUS		
0	DD 75	DD 75	DD 150	DD 150	DD 150	DD 250	DD 250	DD 250	DD 250	DD 250	DD 350	DD 350	DD 350	DD 350	DD 350	DD 350	DD 350	DD 350	DD 350		
Length (m)	250	500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500			
-20	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 150	DD 150	DD 150	DD 150	DD 150	DD 250	DD 250	DD 250	DD 250	DD 250	DD 250	DD 250	DD 250		
-40	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 150	DD 150	DD 150	DD 150	DD 150	DD 250	DD 250	DD 250	DD 250	DD 250	DD 250		
-60	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 150	DD 150	DD 150	DD 150	DD 150	DD 250	DD 250	DD 250	DD 250	DD 250		
-80	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 150	DD 150	DD 150	DD 150	DD 150	DD 150	DD 150	DD 150		
-100	NA	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 150	DD 150	DD 150	DD 150	DD 150	DD 150		
-120	NA	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 150	DD 150	DD 150	DD 150	DD 150		
-140	NA	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 150	DD 150		
-160	NA	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 150		
-180	NA	NA	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75		
-200	NA	NA	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75		
Design Data																					
Capacity	-	350	t/hr					Belt Speed	-	3.4	ms ²					NA					Angle of Elevation is over 18°
Max. angle of Elevation	-	18	Deg					Belt Width	-	1200	mm					CUS					To be customised to meet the requirement



Purchase | Hire | Hire-to-Buy Options
Available now – flexible solutions for every project phase

Purchase

- Full ownership with comprehensive commissioning and documentation
- Available in 75 kW or 150 kW configuration
- Delivered with spares and maintenance kits.

Hire-to-Buy

- Transition from hire to ownership seamlessly
- 70% of hire payments offset against purchase price (conditions apply)
- Ideal for clients trialling before long-term deployment.

Hire

- Cost-effective access for short- or long-term projects
- Units supplied pre-tested and fully compliant to Australian standards
- Support available for setup, operation, and maintenance
- Minimum six month hire term.

Terms & Conditions (Summary)

- Hire rates based on weekly or monthly terms
- Maintenance responsibility outlined per agreement
- Damage and replacement policy per TS Global service terms
- Transport and installation assistance available upon request.



Spares | Components | Service Support
Comprehensive Support, Wherever Your Drive Takes You

Available Spares

- Torque Arm Drive Module – single flameproof unit
- Pulleys – Drive, Jib, and Bend types (FRAS rubber or ceramic lagging)
- Rollers
- Cleaners

Support & Service

TS Global provides full on-site support for the Development Drive and all conveyor systems. Our experienced technicians deliver fast, reliable service — from installation to maintenance — keeping your operations running smoothly.

- 24/7 service coverage across all regions
- Installation, commissioning & maintenance support
- Condition monitoring & performance audits
- OEM-trained technicians and full spare parts supply.

Built for Performance. Backed by TS Global.

Safety and Compliance

- Fully compliant with AS/NZS 4024– Safety of Machinery Requirements
- Guarding pre-fitted to protect rotating components
- Emergency stop system with pull-wire E-stop lanyard.

Maintenance Advantages

- Weekly greasing and inspection protocol for simplified upkeep
- All modules designed for fast disassembly and transport — ideal for underground or remote access operations
- Designed and built with individual lifting points for easy relocation.

Ready to get driving? The Development Drive is currently in stock and available now — reach out to your TS Global Representative to get started.



TSGGlobal®

Conveyor & Polyurethane Specialists



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