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To be the leading supplier of engineering transportation solution and equipment



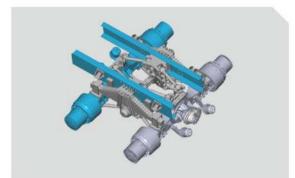
Components Introduction



1 Cargo body (U type)

The U type cargo box is light, the capacity ratio is high and the fuel consumption is low.

The integrated flip shaft, improve the stability of the unloading.



6 Suspension system

The front suspension multi-level shock absorption element to improve driving comfort.

The rear leaf spring clamping mechanism with TONLY patent is reliable and practical.



7 Tire

Special mining tire for mine only with longitudinal and transverse groove design, which provide excellent grip performance and comfort of operation strong carrying capacity and long service life.



4 Intake system

Three stage combined air filter can improve the efficiency of air filtering, and improve the air clearness.





6 Hydraulic retarder

Transmission combined with hydraulic retarder can reduce the speed of the truck when going down a long slope, works long time and high power, reduce the wear out of braking components and extend the tire life time, ensure the operation safety.



(3) FOPS/ROPS certificate

Tonly product is the only one obtained the certificate for big payload through severe test.



Steering system

Tonly developed full hydraulic steering system (TONLY owns all patent of this technology), reduce the steering oil temperature, steering operation is lighter, greatly improve the life cycle of the system components, and ensure the truck safety.



O Anti-collision structure

Anti-collision beam + bumper + through beam structure, effectively protects the driver and the truck.





TL859 AWD off-road dump truck

6x6 all-wheel drive off-road dump truck suitable for soft road surface and wet and muddy working conditions is the first choice.

This dump truck is equipped with an electronically controlled engine and an automatic gearbox, with more convenient control and higher efficiency. Low procurement costs, high operational efficiency and short-term return on investment.

Main system characteristics

Engine

- New performance optimization version, high efficient fuel saving.
- 12L large displacement, strong power and wide power coverage.



> Automatic transmission

- Have high reliability and torque capacity.
- The integrated hydraulic retarder provides excellent auxiliary braking capability for heavy loading dump trucks and improves operation safety.



Mining special cab

- Special cab for mining truck with large space, wide visible range and comfortable manipulation.
- Compression molding Interior with lower noise and good quality.



> Axle

- TONLY and HANDE jointly design the special axle for mine transportation. Strengthened single casting axle housing, double reduction.
- Big torque, high transmission efficiency and high reliability.



> Transfer gear case

- With high efficiency two way twisting ability, suitable for AWD dump truck.
- Built in active lubricating oil pump to improve the reliability and service life of each operating component.



> Main frame

• Flexible bolt and rivet connection frame type with high torsional bearing efficiency and long service life.



Lifting system

- Selected mining special oil cylinder system, which has better stability and greater thrust.
- Optimized design of connecting support, strengthened support and improved lifting safety.





April Drive mode 6×6 GVW (t) 66 GVW (t) 66 GVW (t) 40 Rated payload (t) 40 Kerb weight (t) 26 Dimensions (mm) 9187×3216×4002 Wheel track (mm) 3710+1800 Wheel track (mm) 525 Minimum ground clearance (mm) 525 Maximum height of bucket lift (rm) 9029 Maximum height of bucket lift (rm) 9029 Maximum angle of bucket lift (r) 52 Braking distance (m) 15 Braking distance (m) 15 Maximum speed (kmh) 50 Maximum speed (kmh) 50 Maximum speed (kmh) 50 Model WP12G460E310 Power (hp/kw) 460338 Transmission Manufacturer / Country Xran FC/China Tansmission Manufacturer / Country Xran FC/China Tansmission Manufacturer / Country Hande(China Axle Manufacturer / Country Hande(China Tansmission		Model	TL859
GVW (t) 66 Rated payload (t) 40 Kerb weight (t) 28 Dimensions (mm) 9187×3216×4002 Wheelbase (mm) 3710+1800 Wheel track (mm) 2581/2588 Minimum ground clearance (mm) 525 Minimum turning radius (m) 11 Maximum height of bucket lift (mm) 9029 Maximum angle of bucket lift (t) 52 Loading height (mm) 3632 Braking distance (m) 15 Maximum climbing degree (%) 41 Maximum speed (km/h) 50 Model WP12G460E310 Engine Manufacturer / Country Weichai/China Power (hp/kw) 480/338 Transmission Manufacturer / Country 100 Axle Manufacturer / Country Hande/China Load/T 18+23+23 Tires / Rins		Brand	Tonly
Rated payload (t)		Drive mode	6×6
New York Section Sec		GVW (t)	66
Dimensions (mm) 9187×3216×4002		Rated payload (t)	40
Overall parameters		Kerb weight (t)	26
Wheel track (mm) 2581/2588		Dimensions (mm)	9187×3216×4002
Minimum ground clearance (mm) 525		Wheelbase (mm)	3710+1800
Minimum ground clearance (mm) 525		Wheel track (mm)	2581/2588
Maximum height of bucket lift (mm) 9029		Minimum ground clearance (mm)	525
Maximum angle of bucket lift (°)		Minimum turning radius (m)	11
Loading height (mm) 3632 Braking distance (m) 15 Maximum climbing degree (%) 41 Maximum speed (km/h) 50 Model WP12G460E310 Engine Manufacturer / Country Weichai/China Power (hp/kw) 460/338 Transmission Manufacturer / Country Xi'an FC/China Input torque (N·m) 2100 Axle		Maximum height of bucket lift (mm)	9029
Braking distance (m) 15		Maximum angle of bucket lift (°)	52
Maximum climbing degree (%)		Loading height (mm)	3632
Engine Maximum speed (km/h) 50 Engine Model WP12G460E310 Engine Manufacturer / Country Weichai/China Transmission Model FC6A210DPRT Transmission Manufacturer / Country Xi'an FC/China Input torque (N·m) 2100 Axle Manufacturer / Country Hande/China Load/T 18+23+23 Tires / Rims Front 23.5R25 rear 750/65R25		Braking distance (m)	15
Engine Model WP12G460E310 Engine Manufacturer / Country Weichai/China Power (hp/kw) 460/338 Model FC6A210DPRT Manufacturer / Country Xi'an FC/China Input torque (N·m) 2100 Manufacturer / Country Hande/China Axle Load/T 18+23+23 Tires / Rims Tire model Front 23.5R25 rear 750/65R25		Maximum climbing degree (%)	41
Engine Manufacturer / Country Weichai/China Power (hp/kw) 460/338 Transmission Model FC6A210DPRT Manufacturer / Country Xi'an FC/China Input torque (N·m) 2100 Axle Manufacturer / Country Hande/China Load/T 18+23+23 Tires / Rims Tire model Front 23.5R25 rear 750/65R25		Maximum speed (km/h)	50
Transmission Power (hp/kw) 460/338 Transmission Model FC6A210DPRT Manufacturer / Country Xi'an FC/China Input torque (N·m) 2100 Axle Manufacturer / Country Hande/China Load/T 18+23+23 Tires / Rims Front 23.5R25 rear 750/65R25		Model	WP12G460E310
Transmission Model FC6A210DPRT Manufacturer / Country Xi'an FC/China Input torque (N·m) 2100 Axle Manufacturer / Country Hande/China Load/T 18+23+23 Tires / Rims Front 23.5R25 rear 750/65R25	Engine	Manufacturer / Country	Weichai/China
Transmission Manufacturer / Country Xi'an FC/China Input torque (N·m) 2100 Axle Manufacturer / Country Hande/China Load/T 18+23+23 Tires / Rims Front 23.5R25 rear 750/65R25		Power (hp/kw)	460/338
Axle		Model	FC6A210DPRT
Axle Manufacturer / Country Hande/China Load/T 18+23+23 Tires / Rims Front 23.5R25 rear 750/65R25	Transmission	Manufacturer / Country	Xi'an FC/China
Axle		Input torque (N·m)	2100
Load/T	Auto	Manufacturer / Country	Hande/China
Tires / Rims	Axie	Load/T	18+23+23
Rim size Front 19.5-25 rear 24.0-25	Torra / Disease	Tire model	Front 23.5R25 rear 750/65R25
	Tires / Kims	Rim size	Front 19.5-25 rear 24.0-25

Base plate material/thickness (mm)	T700/16
Rear plate material/thickness (mm)	T700/10
Front plate material/thickness (mm)	T700/10
Side plate material/thickness (mm)	T700/10
Container volume (m³)	24
Model	FC157
Manufacturer / Country	HYVA/China
Steering device	Fully hydraulic steering
Lifting time (s)	23
Discharge time (s)	23
Empty load	
Front axle (kg)	10000
Rear axle (kg)	16000
Total weight (50% fuel) (kg)	26000
Loaded	
Front axle (kg)	16000
Rear axle (kg)	50000
Total weight (kg)	66000
	Rear plate material/thickness (mm) Front plate material/thickness (mm) Side plate material/thickness (mm) Container volume (m³) Model Manufacturer / Country Steering device Lifting time (s) Discharge time (s) Empty Front axle (kg) Rear axle (kg) Total weight (50% fuel) (kg) Loa Front axle (kg) Rear axle (kg) Rear axle (kg)

