



TL89 SERIES  
OFF-ROAD DUMP TRUCK

To be the leading supplier of engineering transportation solution and equipment



This dump truck is equipped with an electronically controlled engine and an automatic transmission, with more convenient control and higher efficiency.

Large tonnage engineering axles as well as engineering-specific tires and a 50m³ large volume container.

Adopt the whole machine optimization design scheme of Tonly core technology, with stable performance, reliable quality and attendance rate of above 90%.

TL89 Series off-road dump truck								
Overall parameters	Model	TL897	TL891	Axle	Manufacturer / Country	Hande/China		
	Brand	Tonly			Load/T	30+50+50	30+50+50	
	Drive mode	6×4	6×4	Tires / Rims	Tire model	480/95R29	480/95R29	
	GVW (t)	135	135		Rim size	13.00/2.5-29	13.00/2.5-29	
	Rated payload (t)	90	90	Container	Base plate material/thickness (mm)	NM400/16	NM400/16	
	Kerb weight (t)	45	45		Rear plate material/thickness (mm)	NM400/10	NM400/12	
	Dimensions (mm)	10180×3950×4420	10180×3950×4420		Front plate material/thickness (mm)	T700/12	T700/12	
	Wheelbase (mm)	4175+1900	4175+1900		Side plate material/thickness (mm)	T700/10	T700/10	
	Wheel track (mm)	3100/2850	3100/2850		Container volume (m³)	50	50	
	Minimum ground clearance (mm)	410	410	Hydraulic system	Model	FEA214	FEA214	
	Minimum turning radius (m)	12	12		Manufacturer / Country	HYVA/China		
	Maximum height of bucket lift (mm)	9380	9380		Steering device	Hydraulic steering	Hydraulic steering	
	Maximum angle of bucket lift (°)	48	48		Container lift time (s)	24	24	
	Loading height (mm)	4020	4020		Container descent time (s)	24	24	
	Braking distance (m)	18	18	Weight distribution	Empty load			
	Maximum climbing degree (%)	≥30	≥30		Front axle (kg)	15000	15000	
	Maximum speed (km/h)	45	45		Rear axle (kg)	30000	30000	
	Engine	Model	QSM15-770-30		QSM15-770-30	Total weight (50% fuel) (kg)	45000	45000
		Manufacturer / Country	DCEC/China			Loaded		
	Power (hp/kw)	770/566	770/566	Front axle (kg)	30000	30000		
Transmission	Model	semi-auto (8DS280+ torque convertor)	8DS280	Rear axle (kg)	105000	105000		
				Total weight (kg)	135000	135000		
	Manufacturer / Country	Fast/China		/	/	/	/	