40T Articulated Dump Truck

RADT40

The Revaro RADT40 is a heavy-duty articulated dump truck built for demanding mining, quarrying, and large-scale earthmoving operations, combining powerful performance with dependable durability. Based on a 40-ton class platform with a 24.5 m³ heaped body, 562 kW engine output, strong 68% gradeability, and a robust articulated frame design, the RADT40 is engineered to move high volumes of material efficiently while maintaining stability, traction, and operator comfort in tough working conditions. With advanced braking, load-sensitive hydraulics, durable suspension systems, and a spacious cab, the Revaro RADT40 delivers the strength, safety, and reliability needed for high-production haulage.



Specs

General Specs	
Main Valve	Kawasaki KM32NA
Swing Motor	Kawasaki M5X250CHB
Travel Motor	Doosan DM100
Wheel base	4640 / 1940mm
Track width	2700mm
Front suspension	3093mm
Min. ground clearance	590mm
Maximum lifting height	7413mm
Approach angle	24°
Steering angle	45°
Lift angle	70°
Engine model	WP14TG765E304
Engine power	562kW
Transmission model	FC7A260PR T

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Transfer case	HCF2300 (with inter-axle differential)
Axle	25T Axle (Automatic differential lock)T
Tire type	29.5R25
Rim model	25.00/3.5-25
Frame	Box welded construction + Cast articulated frame
Front suspension	oil and gas suspension
Rear suspension	Rubber Suspension + Balance beams
Type of travel brake	Oil Cooled Wet Multi-Disc Brake
Park brake system	Normally Closed Pressure Spring Disc Brake
Auxiliary braking system	In-cylinder braking+hydraulic retarder
Steering	Linear full hydraulic steering
Lifting systems	Load-sensitive hydraulic systems
Cabs	Medium cab + air suspension seat
Fuel tanks	530L
Operating weight	34000kg
Total weight	74000kg
Container volume (heaped)	24.5m³
Max speed	60km/h
Max. gradeability	68%
Rated Load	40000kg