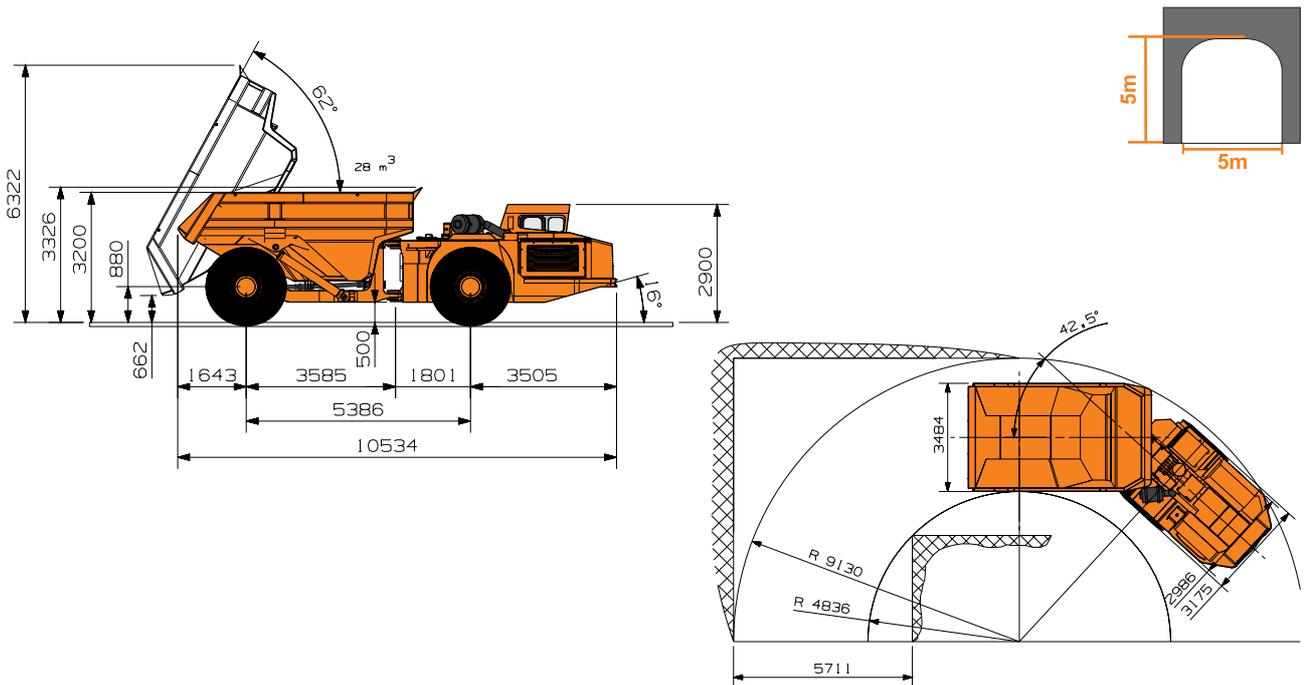


from

The Underground Experts

TORO 50 Plus



KEY SPECIFICATIONS

Capacity

Payload capacity 50 000 kg (110 232 lb)
 Box range (SAE 2:1) 19 m³ - 28 m³
 (25 yd³ - 37 yd³)

Weights

Operating weight 35 200 kg (77 600 lb)
 Total loaded weight 85 200 kg (187 830 lb)

Dimensions

Total length 10 534 mm (414")
 Total width 3 484 mm (137")
 Height 2 900 mm (114")
 Max height of the box 3 326 mm (131")
 Ground clearance 500 mm (20")
 Tunnel size 5 m x 5 m
 (depends on local regulations)

COMPONENTS AND OPTIONS

Major Components

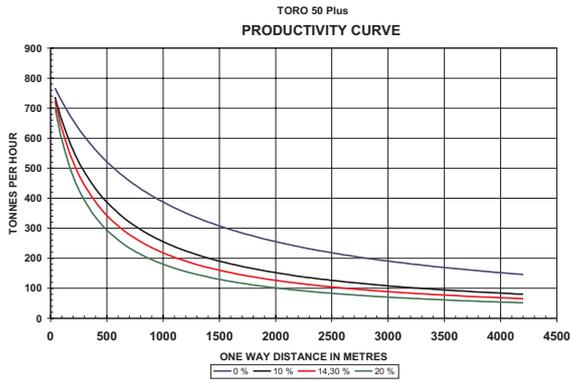
Diesel engine Detroit S-60, 14l
 Engine output 429 kW (575 bhp) / 2100 rpm
 Gearbox Dana SOH 8821
 Axles Dana SOH 21D 4354
 Front axle oscillation ±13°
 Tyres, size & type 29.5x25 Bridgestone
 VSNT E/L-4

Main options

Posi-stop brakes
 Auto engine shut down
 Load weighing system
 Electrical retarder TELMA
 Exhaust brake "Jake Brake"
 Emergency steering
 Fire suppression system ANSUL
 Reverse camera
 Accordance with CE-norms

Sandvik Mining and Construction has the market's most comprehensive product portfolio for rock and mineral excavation and demolition operations in mining and civil engineering.

TORO
50
Plus

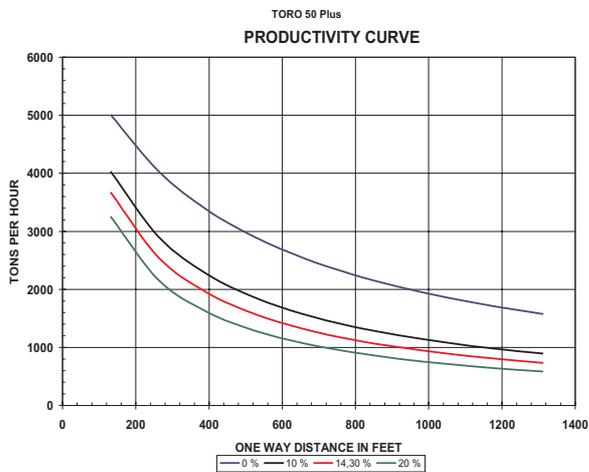


Basic data for calculations:

Payload 50 000 kg
Overall speed limit 30 km/h
Fixed cycle time 3,75 min
Rolling resistance 3 %

Fixed cycle time includes the time for filling, dumping, turning and accelerating

Slope / Grade (%)	Hor./0	1:10/10	1:7/15	1:5/20
Loaded speed (km/h)	30	10	7,5	5,5
Empty speed (km/h)	30	30	30	30



Basic data for calculations:

Payload 110 231 lbs
Overall speed limit 18,6 mph
Fixed cycle time 0,5 min
Rolling resistance 3 %

Fixed cycle time includes the time for filling, dumping, turning and accelerating

Slope / Grade (%)	Hor./0	1:10/10	1:7/15	1:5/20
Loaded speed (mph)	18,6	6,2	4,7	3,4
Empty speed (mph)	18,6	18,6	18,6	18,6

High Productivity

- High capacity / own weight
- Small envelope size
- High availability



Safety

- Built in safety features to protect the operator and the machine

Operator comfort

- Comfortable working environment
- Easy daily maintenance

TORO

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