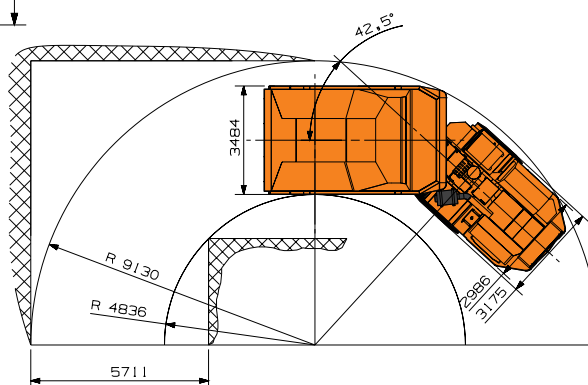
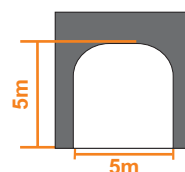
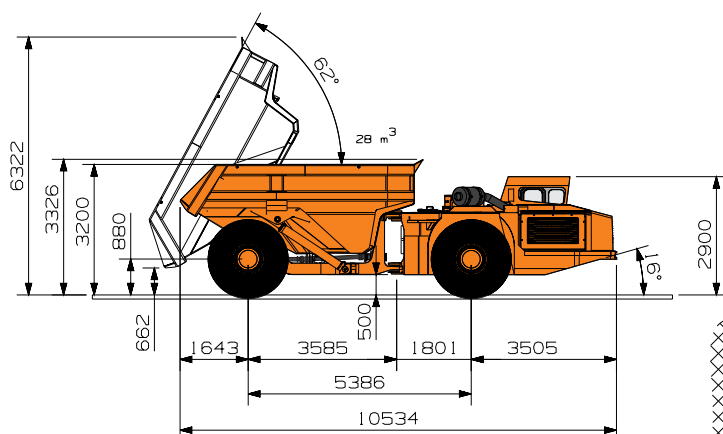


from

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

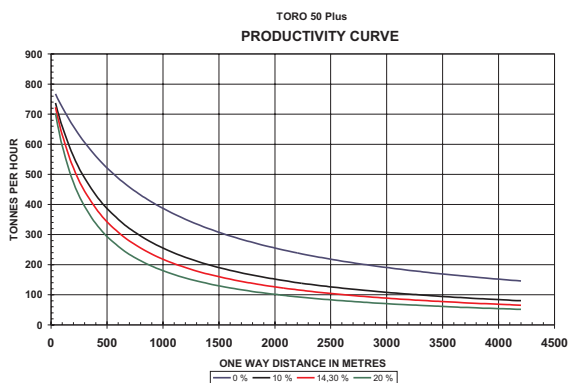
Main options

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

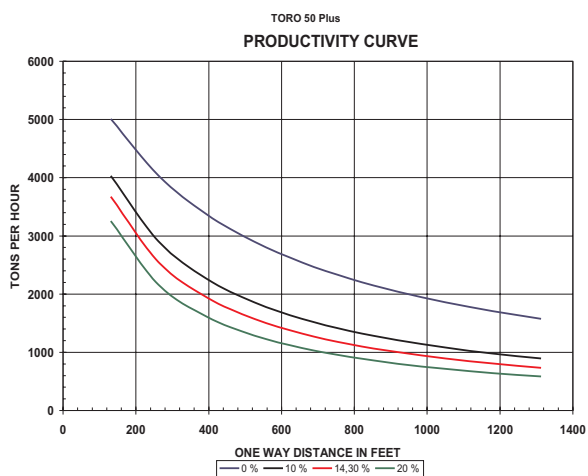


Basic data for calculations:

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

Sandvik Tamrock Corp., TORO Loaders, P.O Box 434, FIN-20101, Turku, Finland
Tel. +358 205 44 131. Fax. +358 205 44 130. E-mail: toro@sandvik.com
www.toro.sandvik.com