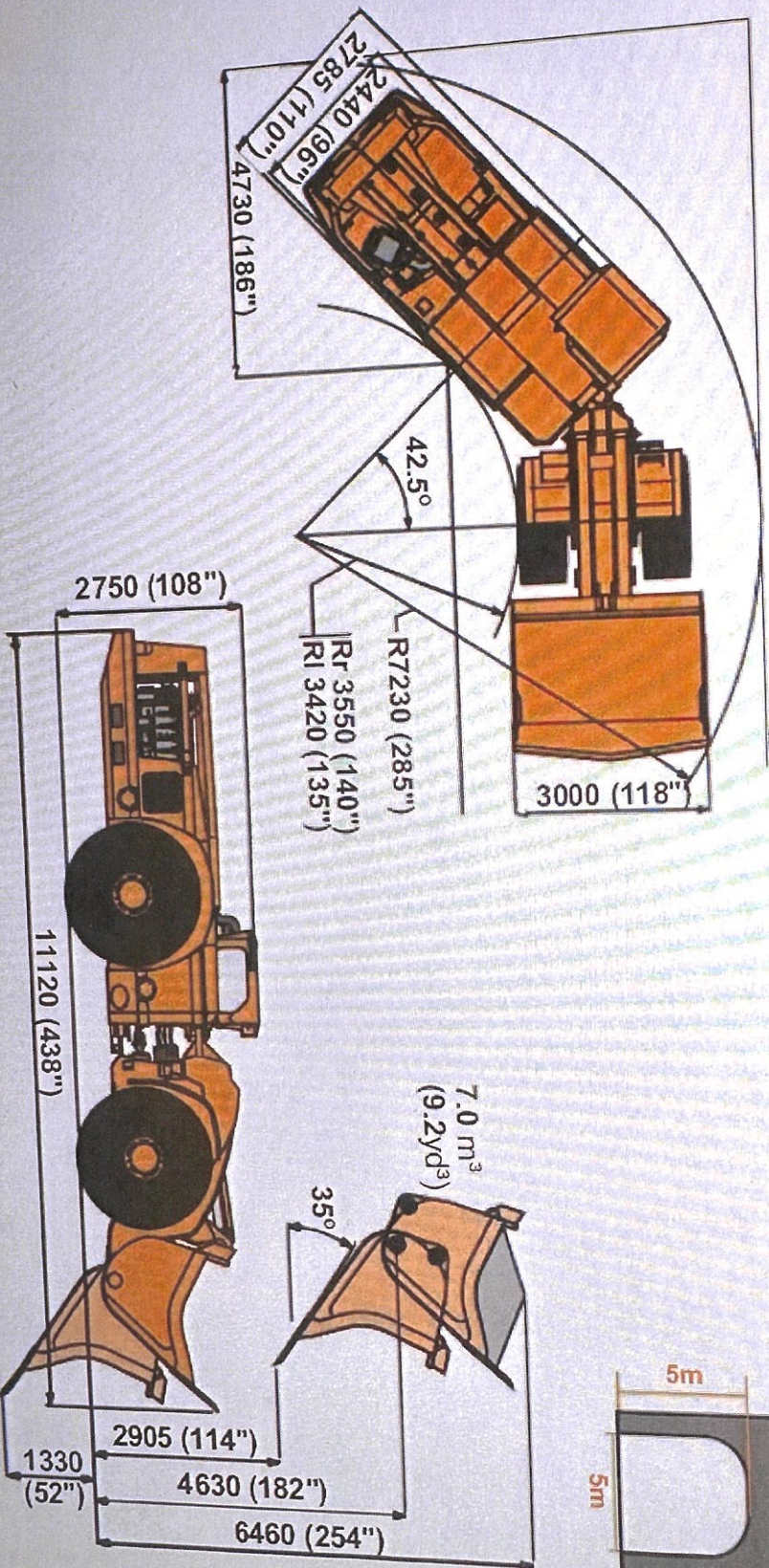
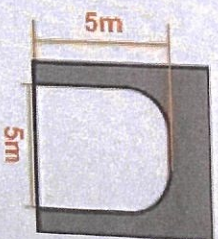


FOR OTO



High Productivity

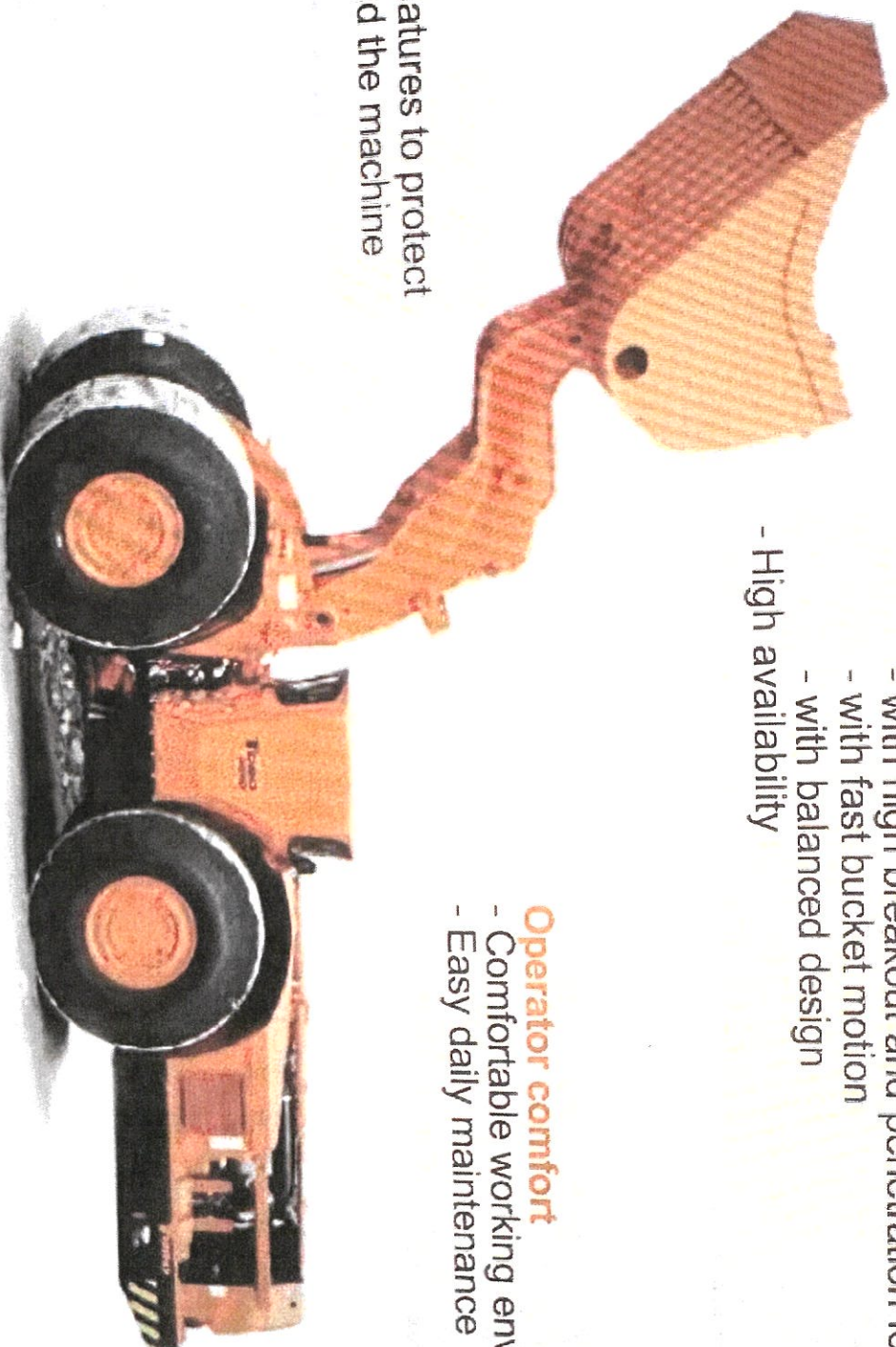
- Best tramming capacity in this size class
- Fast bucket filling
 - with high breakout and penetration forces
 - with fast bucket motion
 - with balanced design
- High availability

Operator comfort

- Comfortable working environment
- Easy daily maintenance

Safety

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



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

KEY SPECIFICATIONS

Capacity

Tramming capacity	17 200 kg (38 000 lb)
Breakout force, lift	343 kN 35 000 kg (77 160 lb)
Breakout force, tilt	289 kN 29 450 kg (64 930 lb)
Bucket range (SAE 2:1)	6,5 m ³ - 8,4 m ³ (8.5 yd ³ - 11 yd ³)
	HB500/400

Weights

Operating weight	44 000 kg (97 000 lb)
Total loaded weight	61 200 kg (141 500 lb)

Dimensions

Total length	11 120 mm (438")
Width without bucket	2 785 mm (110")
Max width (with std bucket)	3 000 mm (118")
Height with safety canopy or cabin	2 750 mm (109")
Ground clearance	505 mm (20")
Tunnel size	5 m x 5 m
(depends on local regulations)	

COMPONENTS AND OPTIONS

Major Components

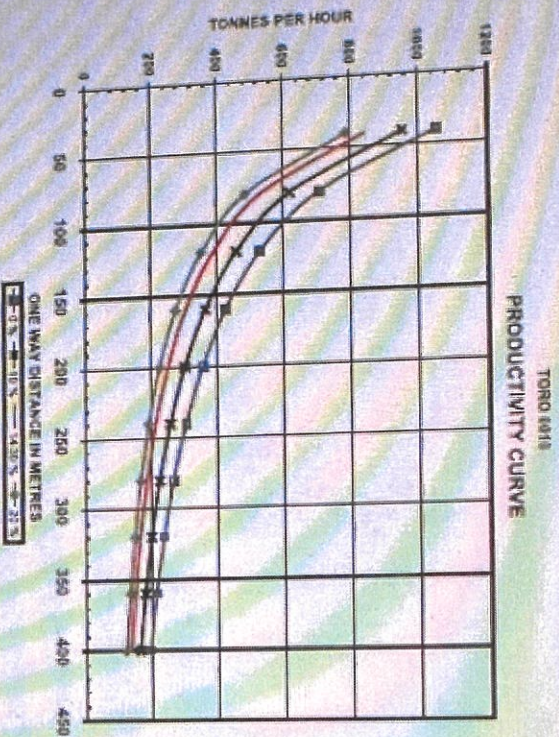
Diesel engine	Detroit Diesel S60 DDEC IV
Engine output	298 kW (400 bhp) / 2100 rpm
Gearbox	Dana SOH, 6422
Axles	Dana SOH, 53R300
Rear axle oscillation	±8°
Tyres, size & type	29.5-29

Main options

ROPS/FOPS safety cabin 21 with air conditioning
 Automatic central lubrication
 POSI-STOP brakes
 Automatic brake activation ABA
 Fire suppression system ANSUL
 Ground level fluid fill set (Wiggins)
 Radio remote control (HBC)
 Load weighing system
 Ride control system with piston accumulators
 Accordance with CE-norms

comprehensive product portfolio for rock and mineral excavation and demolition operations in mining and civil engineering.

TORO
00710



Basic data for calculations:

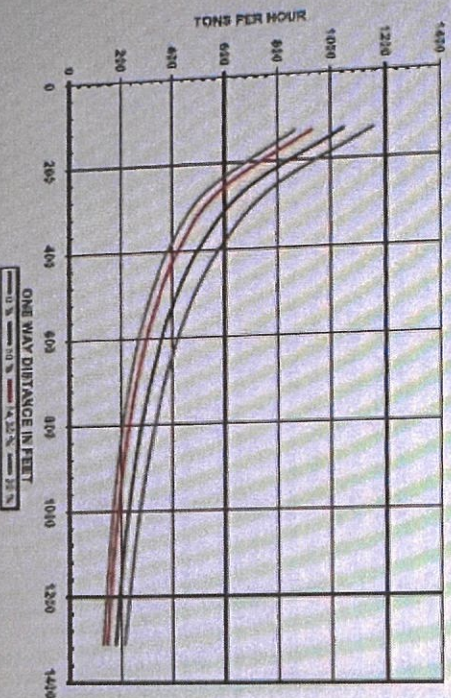
Payload 17 200 kg
Overall speed limit 10 km/h
Fixed cycle time 0.5 min
Rolling resistance 3 %

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

Slope / Grade (%) Hor/0 1:1 0/10 1:7/15 1:5/20
Loaded speed (km/h) 10 7 5 4.2
Empty speed (km/h) 10 10 10 10



PRODUCTIVITY CURVE
TORO 0710



Basic data for calculations:

Payload 37 919 lbs
Overall speed limit 6.2 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 1:1 0/10 1:7/15 1:5/20
Loaded speed (mph) 6.2 4.3 3.1 2.6
Empty speed (mph) 6.2 6.2 6.2 6.2