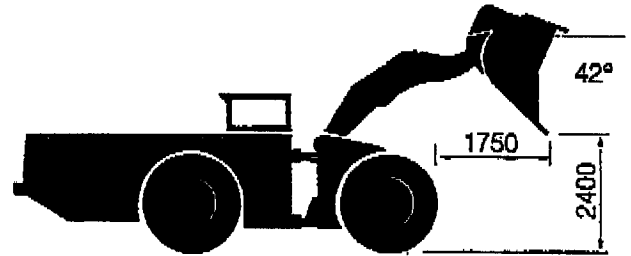
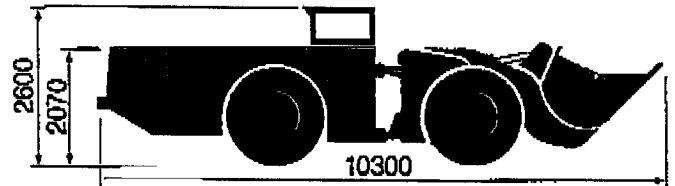
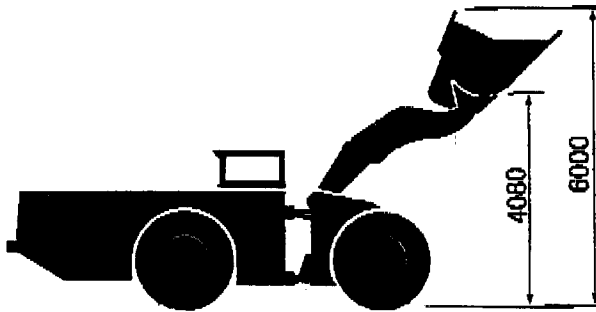


TORO 500CD TECHNICAL SPECIFICATIONS

DIMENSIONS

Width	2800 mm
Width without bucket	2705 mm
Radius of turn, Inside	3680 mm
Outside	7220 mm



Dimensions shown are with standard bucket 5.25 m³

CAPACITY

Tramming capacity	13,500 kg
Breakout force, lift	26,700 kg
Breakout force, tilt	23,000 kg
Tipping load	26,000 kg
Bucket	4.3 - 7.5 m ³

BUCKET MOTION TIMES

Raising time	8.0 s
Lowering time	4.0 s
Tipping time	2.5 s

LOADED DRIVING SPEEDS, FORWARD AND REVERSE

1st gear	5.0 km/h
2nd gear	9.2 km/h
3rd gear	17.6 km/h
4th gear	26.0 km/h

ENGINE

Make	Aircooled Deutz diesel
Type	F 12L 413FW
Power	204 kW/2300 rpm, (277 hp)
Number of cylinders	V 12
Electric system	24 V
Combustion principle	Swirl chamber, 4 stroke
Exhaust gas purifier	Water scrubber

TORQUE CONVERTER

Clark heavy duty industrial. One-stepped. Transformation ratio 3.09:1.

TRANSMISSION

Full power shift Clark, 4 gears forward and reverse.

AXLES

Front and rear: Clark heavy duty industrial. Front axle fixed, rear axle \pm 13 degrees oscillation.

BRAKES

Service and emergency brakes: Fully hydraulic wet disc brakes. Two separate circuits for service brakes and one for emergency brakes. Parking brake: spring applied hydraulically released driveline disc brake.

STEERING

Full hydraulic servo controlled frame steering using two cylinders. Turning angle \pm 38 degrees. Demand valve supplies extra flow to steering at low rpm. Upper center pin bearing adjustable.

BUCKET HYDRAULICS

Full hydraulic servo controlled, two lifting cylinders and one breakout cylinder. Heavy duty gear type pumps. Demand valve supplies extra flow to bucket hydraulics at high rpm.

TANK CAPACITY

Fuel	440 l
Hydraulic	500 l
Water scrubber	110 l
Water	410 l

WEIGHTS

Operating weight	33,000 kg approx.
Shipping weight	32,000 kg approx.

DRIVERS SEAT

Height and position adjustment as well as elasticity regulation and a shock absorber.

STANDARD EQUIPMENT

Steering with steering wheel. Front and working halogen lights, 70 W, 6 pieces. Rear halogen lights, 70 W, 4 pieces.