



# EJC 65 ELECTRIC

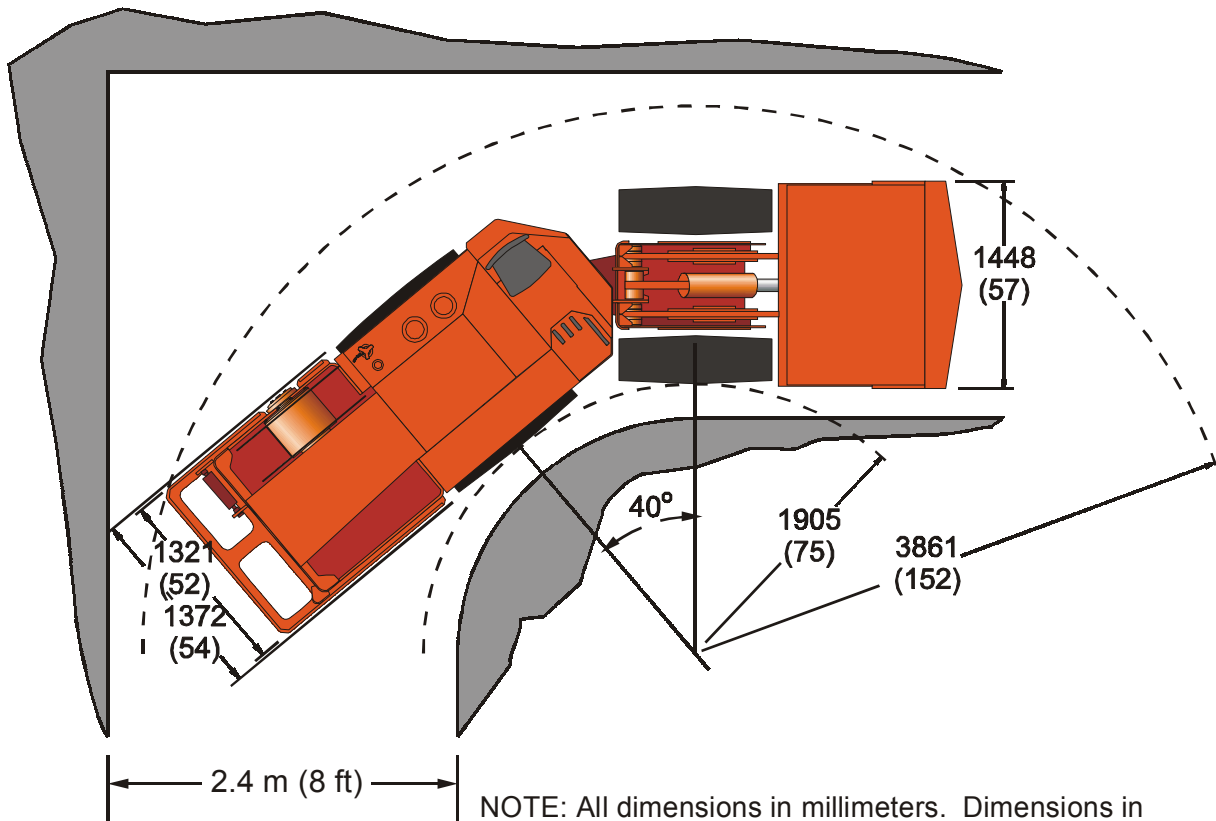
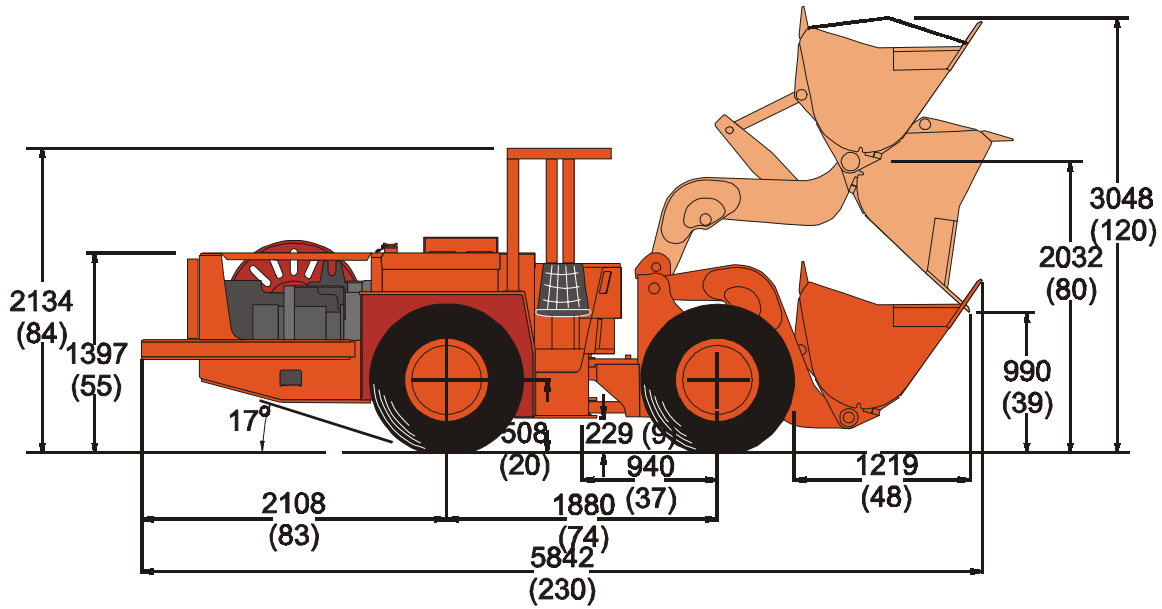
## TECHNICAL SPECIFICATION

***A RELIABLE CHOICE FOR SMALL APPLICATIONS WITH  
MINIMUM VENTILATION  
CAPACITY: 6500 LBS (2900 KG)***





### Main Dimensions



NOTE: All dimensions in millimeters. Dimensions in brackets are in inches. All vertical dimensions are for an empty unit.





## Specification Sheet

**SANDVIK TAMROCK**  
 EJC Loaders Division  
 EJC 65 Electric

January 1, 2000

**STANDARD UNIT**

600V, TEAO motor, 60 Hz, 50 hp (37kw)  
 Cable reel, self winding type, c/w automatic  
 tension control & low cable shutdown  
 \*\* 500 ft. (152m) of #6 type GGC cable c/w box mount type "JOY" plug  
 Rexroth hydrostatic transmission  
 Clark gear drive transfer case  
 Dynamic service braking through hydrostatic transmission  
 Clark axles  
 9.00 X 20-18 ply L5R tube type tires  
 1.5yd3 (1.2m3) bucket with 500 BHN lip  
 Electro/mechanical two lever bucket control  
 Electro/mechanical single lever steer control  
 Electric gauges  
 24-volt DC electrical system  
 Central manual lube  
 SAE type hose fittings  
 Four (4) English parts manuals  
 4 operator and 4 service manuals

A1 = no impact on delivery time; A2 = delivery time on request

**OPTIONAL EQUIPMENT**

- A1 \* Main power options \_\_\_\_\_ Hz, \_\_\_\_\_ Volts
- A2 \* Ejector bucket 1.25yd3 (1.0m3) 56" (1422mm) wide
- A1 Cable reel level winder
- A1 SAE, ROPS/FOPS canopy
- A1 MSHA FOPS canopy
- A1 Fire suppression system, Ansul 4 nozzle
- A1 Auto. fire suppression system, Ansul 4 nozzle (Checkfire II)
- A1 Hand held fire extinguisher 10 lb.
- A1 Radio remote control (with receiver cover/cable and interface), Tamrock proportional
- A1 Radio remote control interface
- A1 Radio remote control fire suppression (Requires RRC and fire suppression system)
- A1 Back-up alarm, audible
- A1 Spare rim & tire, standard
- A1 Spare rim
- A1 Additional spare parts manuals
- A1 Additional service manuals

**ALL PRICES ARE QUOTED ON AN EX-WORKS BURLINGTON BASIS**

(\*) Replaces the standard equipment  
 \*\* Voltage rating will affect cable length and "AWG" size





## Standard Unit

### Main dimensions

Total length	5 842 mm (230")
Width without bucket	1 372 mm (54")
Maximum width	1 448 mm (57")
Height with safety canopy	2 134 mm (84")

### Weights

Operating weight	7 130 kg (15 720 lb.)
Total loaded weight	10 079 kg (22 220 lb.)

### Axle weights without load

front axle	1 823 kg (4 020 lb.)
rear axle	5 307 kg (11 700 lb.)

### Axle weights with load

front axle	6 292 kg (13 872 lb.)
rear axle	3 786 kg (8 348 lb.)

### Capacities

Tramming capacity	2 948 kg (6 500 lb.)
Break out force, lift	37 kN (3 791 kg) (8 340 lbf.)
Break out force, tilt	46 kN (4 750 kg) (10 450 lb.)
Tipping load	7 727 kg (17 000 lb.)
Buckets	0.96 - 1.3 m <sup>3</sup> (1.25 - 1.73 yd. <sup>3</sup> )

### Bucket motion times

Raising time	6.5 sec.
Lowering time	4.3 sec.
Dumping time	3.0 sec

### Driving speeds forward and reverse

60 Hz motor	0 to 12.2 km/h (7.6 m.p.h.)
50 Hz motor	0 to 10.2 km/h (6.3 m.p.h.)

### Frame

Rear and front frame	Welded steel box construction
Material	G40.21 - 50WT-CAT#3
Central hinge	Welded steel box construction with hardened steel spherical bearings

Material	G40.21 - 50WT-CAT#3
Lift arms	Solid plate construction
Material	G40.21 - 50WT-CAT#3
Tanks are welded to frame.	

### Standard motor

Type	AC induction type, 3 phase
Output	37 kW (50 Hp)
Voltage	600 V
Frequency	60Hz/50Hz
Speed	1700 RPM/1475 RPM
Insulation class	F

### Transfer case

Clark	Gear drive 2.39:1
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### Transmission

Rexroth AA4V56	Hydrostatic transmission with forward and reverse
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### Standard axles

Front axle	Clark 12D0840, conventional differential, fixed.
Rear axle	Clark 12D0840, no-spin differential, fixed.

Centre articulation/oscillation 16<sup>0</sup>

### Standard tires

Tire size	9.00 X 20, 18 PLY
Type	Michelin XMD2 tube type tires
Air pressure, front	517 kPa (5.17 bar) (75 psi)
Air pressure, rear	517 kPa (5.17 bar) (75 psi)

### Steering hydraulics

Closed centre, fixed displacement gear. One double acting steer cylinder, equipped with electro./mechanical control lever.

### Turning radius (with std bucket):

Right	inner	1905 mm (75 ")
	outer	3734 mm (147 ")

Turning angle 40°

### Main components in steering system:

Hydraulic pump	Gear
Control valve	Electro. / mechanical
Steering cylinders	EJC 3.5" bore x 1.75" rod (89 mm x 44 mm)

### Pressure settings:

Main relief	15.2 MPa (152 bar) (2 200 psi)
Port relief valves	17.2 MPa (172 bar) (2 500 psi)

### Bucket hydraulics

Full hydraulic open-centre system with one gear pump. Equipped with electro./mechanical control lever, two lift cylinders and one dump cylinder.

### Main components:

Lift cylinders	EJC 4.0" bore x 2.0" rod (102 mm x 51 mm)
Dump Cylinder	EJC 6.5" bore x 3.5" rod (165 mm x 89 mm)
Hydraulic pump	Gear
Control valve	Electro. / mechanical

### Pressure Settings:

Main relief	15.2 MPa (152 bar) (2200 psi)
Bucket dump	5.5 MPa (55 bar) (800psi)
Bucket roll back	17.2 MPa (172 bar) (2500 psi)
Lift arms raise/lower	17.2 MPa (172 bar) (2500 psi)
Hydraulic oil tank capacity	Appro. 114 l (28 gal)

### Standard brakes

Dynamic service braking through the hydrostatic transmission. The parking brake is a spring applied, hydraulically released dry disc brake mounted on the front axle pinion.

### Main components in the parking brake system:

Pressure accumulator	Piston type with charge valve
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### Electrical equipment

Alternator	24 V 35 A min.
Batteries	2 x 12 V, 950 CCA
Driving and working lights	2pcs front, 2pcs rear

### Standard manuals (customer)

3 pcs Spare parts manuals	English
3 Operators manual	English
3 Service manual	English

### Standard manuals (market area)

1 pcs Spare parts manuals	English
1 Operators manual	English
1 Service manual	English





### Speeds On Grade

