

OPERATING PERFORMANCE

Operating Weight	
	Cab Rubber 34,116 lbs (15,475 kg)
	Cab Steel 34,700 bs (15,740 kg)
Maximum Digging Depth	18 ft 0 in (5,485 mm)
Maximum Dump Height	20 ft 4 in (6,220 mm)
Maximum Reach	28 ft 9 in (8,755 mm)
Maximum Bucket Digging Force	22,188 lb (10,064 kg)
Maximum Arm Digging Force	12,634 lb (5,730 kg)
Arm Length	8 ft 5 in (2,750 mm)
Slew Speed	13.8 rpm
Traction Force	32,804 lbs (14,856 kg)

ENGINE

Make / Model	Isuzu / AM-4JJ1X Turbo-intercooled
Tier Rating	Interim Tier 4
Cylinders / Displacement	4 / 183 cu in (3.0 L)
Horsepower Net (ISO 14396)	103.3 hp (77.0 Kw)
Rated Engine Speed	2,000 rpm
Maximum Torque	272 ft-lb @ 1,600 rpm (369.6 Nm)
Engine Lubrication	18.0 qt (17.0 L)
Cooling System	19.5 qt (18.5 L)
Fuel Tank Capacity	61.5 gal (233 L)
Fuel Consumption (65% of full load)	3.32 gal / hr (12.6 L / hr)
Electrical System	24 volts / 50 amps

UNDERCARRIAGE

Traction Drive Type	Planetary Drive Reduction and Auto Shift Down
Parking Brake	Spring Applied, Hydraulically Released
Track Roller Type	Permanently Sealed, Triple Flanged Rollers
Track Rollers	7 per side
Track Width	Rubber 20 in (500 mm) Steel 24 in (600 mm)
Track Ground Contact Length	9 ft 6 in (2,900 mm)
Ground Pressure	Rubber 6.8 psi (47.3 kPa) Steel 7.0 psi (48.5 kPa)
Maximum Travel Speed	
Low Range	1.9 mph (3.0 km / hr)
High Range	3.3 mph (5.3 km / hr)

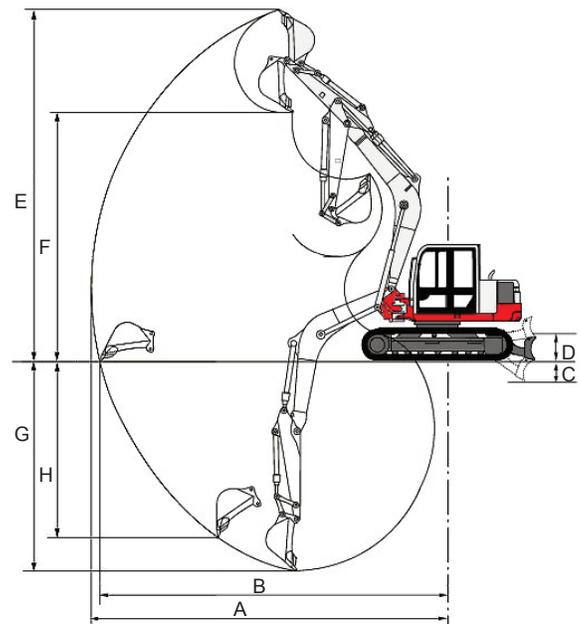
HYDRAULIC

Pump Type	Twin Variable Displacement Piston Pumps with Two Gear Pumps
Total Hydraulic Flow	75.3 gal / min (285.0 L / min)
Primary Auxiliary Hydraulic Flow	59 gal / min (224.0 L / min)
Secondary Auxiliary Hydraulic Flow	14.5 gal / min (55.0 L / min)
System Operating Pressure	4,977 psi (34,315 k / Pa)
Hydraulic Reservoir Capacity	25.0 gal (95.0 L)
Hydraulic System Capacity	56.8 gal (215.0 L)



WORKING DIMENSIONS

A. Maximum Reach	28 ft 9 in (8,755 mm)
B. Maximum Reach Ground Level	28 ft 1 in (8,570 mm)
C. Blade Maximum Lower	1 ft 8 in (510 mm)
D. Blade Maximum Lift	1 ft 9 in (540 mm)
E. Maximum Dig Height	28 ft 5 in (8,670 mm)
F. Maximum Dump Height	20 ft 4 in (6,220 mm)
G. Maximum Dig Depth	18 ft 0 in (5,485 mm)
H. Maximum Vertical Dig Depth	15 ft 2 in (4,620 mm)



Product Features

ENGINE

- ◆ EPA Interim Tier 4 Compliant
- ◆ Turbocharged with Intercooled
- ◆ High Pressure Common Rail Fuel Injection
- ◆ DPF / DPD Exhaust After Treatment
- ◆ Automatic Idle
- ◆ ECO Mode
- ◆ High Elevation Mode
- ◆ Automatic Fuel Bleed System
- ◆ High Capacity Fuel Filters
- ◆ Dual Element Fuel Cleaner
- ◆ Extended Life Coolant
- ◆ Large Capacity Radiator
- ◆ Selectable Work Modes
- ◆ Automatic Preheat

ELECTRICAL

- ◆ Deluxe instrumentation with: Hour Meter, Fuel Gauge, Coolant Temperature Gauge, Audible and Visual Indicators for Engine Oil Pressure, Coolant Temperature, Air Filter Restriction, Charging System Voltage
- ◆ Ergonomic Rocker Switches Controlling: Lights, Auxiliary Detent, Lift Alarm, Beacon Control, Auxiliary Mode Selection, Wiper, ECO Mode, Auto Idle
- ◆ 24 volts / 50 amp Alternator
- ◆ Front and Side Halogen Lights
- ◆ Travel Alarm
- ◆ Horn
- ◆ 12 volt Outlet

UNDERCARRIAGE AND FRAME

- ◆ Triple Flanged Track Rollers
- ◆ 2-Speed Travel with Automatic Shift
- ◆ High Torque Planetary Final Drive
- ◆ Heavy Duty Dozer Blade with Float
- ◆ Additional Counterweight
- ◆ 20 in Rubber Tracks
- 24 in Steel Tracks
- 20 in Hybrid Road Liner Style Tracks

HYDRAULIC

- ◆ Cushioned Boom and Arm Cylinders
- ◆ Large Capacity Hydraulic Oil Cooler
- ◆ Precise Pilot Controls
- ◆ Fingertip Proportional Control of Primary and Secondary Auxiliary Circuits
- ◆ High Flow Primary Auxiliary Circuit with Adjustable Flow
- ◆ Primary Auxiliary Circuit Detent Mode
- ◆ Primary Auxiliary Circuit with Selectable One-Way and Two-Way Operation
- ◆ Secondary Auxiliary Circuit with Adjustable Flow
- ◆ High Pressure Third Auxiliary Circuit
- ◆ Pilot Accumulator

◆ - Standard ○ - Optional

WORKING EQUIPMENT

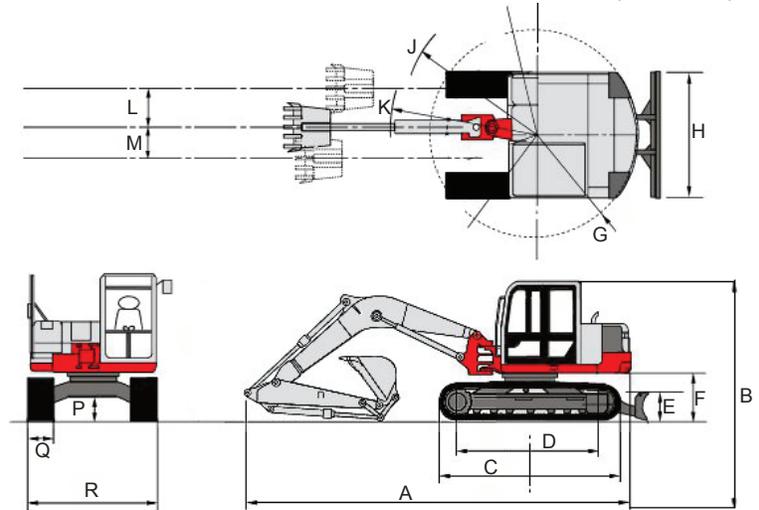
- ◆ Dual Boom Cylinders
- ◆ Heavy Duty Pivot Boom Swing Frame
- ◆ Long Arm
- ◆ Arm and Boom Holding Valve with Lift Alarm
- Pin Grabber Bucket Coupler
- Main Pin Hydraulic Thumb

OPERATOR'S STATION

- ◆ Enclosed Cab
- ◆ FOPS Level 2 Guard
- ◆ Deluxe High Back Cloth Air Suspension Seat
- ◆ AM/FM/MP3 Radio
- ◆ Automatic Climate Control System for A/C, Heat and Defrost
- ◆ 2 in Retractable Seat Belt
- Front Window Guard
- 3 in Seat Belt

MACHINE DIMENSIONS

A. Transport Length	25 ft 8 in (7,815 mm)
B. Transport Height	9 ft 3 in (2,815 mm)
C. Undercarriage Length	11 ft 10 in (3,610 mm)
D. Track Ground Contact	9 ft 6 in (2,900 mm)
E. Dozer Blade Height	21.6 in (550 mm)
F. Counter Weight Ground Clearance	3 ft 0 in (925 mm)
G. Tail Swing (Slew) Radius	6 ft 9 in (2,065 mm)
H. Dozer Blade Width	8 ft 6 in (2,600 mm)
J. Min. Front Radius (Offset)	7 ft 10 in (2,405 mm)
K. Min. Front Radius (Straight)	9 ft 11 in (3,015 mm)
L. Offset Working Distance (Right)	2 ft 11.8 in (760 mm) @ 53°
M. Offset Working Distance (Left)	2 ft 0 in (625 mm) @ 77°
P. Ground Clearance	1 ft 6.7 in (465 mm)
Q. Track Shoe Width (Rubber)	20 in (500 mm)
Q. Track Shoe Width (Steel)	24 in (600 mm)
R. Overall Width (Rubber)	8 ft 2 in (2,490 mm)
R. Overall Width (Steel)	8 ft 6 in (2,590 mm)



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