

## Specifications

### OPERATING PERFORMANCE

|                              |                        |
|------------------------------|------------------------|
| Operating Weight             | 6,100 lb (2,767 kg)    |
| Maximum Digging Depth        | 9 ft 5 in (2,875 mm)   |
| Maximum Dump Height          | 10 ft 5 in (3,190 mm)  |
| Maximum Reach                | 15 ft 10 in (4,850 mm) |
| Maximum Bucket Digging Force | 6,471 lb (2,935 kg)    |
| Maximum Arm Digging Force    | 2,900 lb (1,325 kg)    |
| Arm Length                   | 4 ft 9 in (1,445 mm)   |
| Slew Speed                   | 9.3 rpm                |
| Traction Force               | 6,334 lb (2,873 kg)    |

### ENGINE

|                                     |                                |
|-------------------------------------|--------------------------------|
| Make/Model                          | Yanmar/3TNV82                  |
| Tier Rating                         | EPA Tier 4                     |
| Cylinders/Displacement              | 3/81 cu in (1.3 L)             |
| Horsepower Gross (SAE J1995)        | 24.3 hp (18.1 Kw)              |
| Horsepower Net (SAE 1349)           | 23.5 hp (17.5 Kw)              |
| Rated Engine Speed                  | 2,400 rpm                      |
| Maximum Torque                      | 63 ft-lb @ 1,440 rpm (85.3 Nm) |
| Engine Lubrication                  | 3.8 qt (3.6 L)                 |
| Cooling System                      | 4.4 qt (4.2 L)                 |
| Fuel Tank Capacity                  | 14 gal (53 L)                  |
| Fuel Consumption (65% of Full Load) | 0.80 gal/hr (3.0 L/hr)         |
| Electrical System                   | 12 volts / 9 amps              |

### UNDERCARRIAGE

|                             |  |
|-----------------------------|--|
| Traction Drive Type         | Planetary Reduction and Auto Shift Down                            |
| Parking Brake               | Spring Applied, Hydraulically Released, Multiple Wet Friction Disc |
| Track Roller Type           | Permanently Sealed, Triple Flanged Rollers                         |
| Track Rollers               | 3 per side   |
| Track Width                 | 11.8 in (300 mm)   |
| Track Ground Contact Length | 4 ft 8.7 in (1,440 mm)   |
| Ground Pressure             | 4.1 psi  |
| Maximum Travel Speed        |  |
| Low Range                   | 1.7 mph (2.8 km/hr)  |
| High Range                  | 3.0 mph (4.9 km/hr)  |

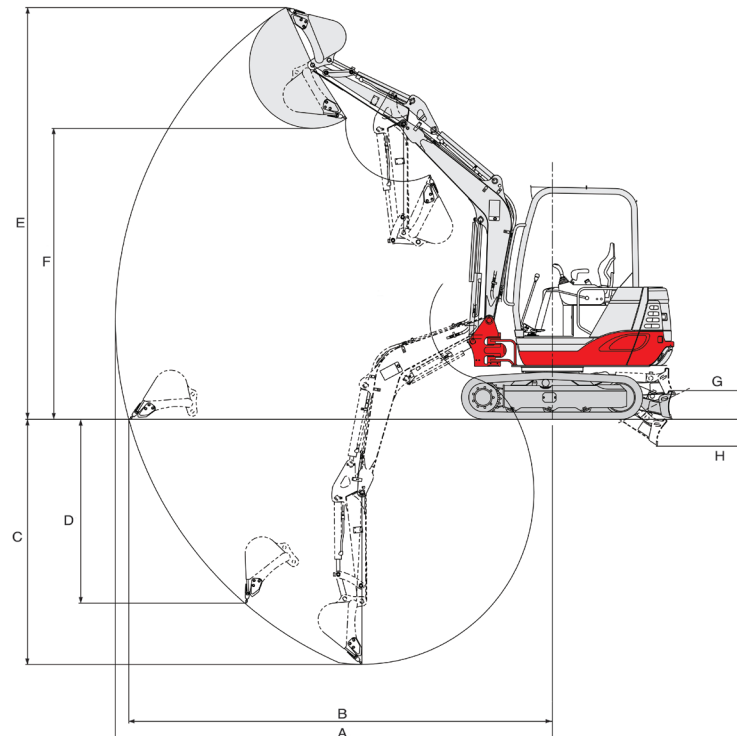
### HYDRAULIC SYSTEM

|                              |  |
|------------------------------|--|
| Pump Type                    | Variable Displacement Piston Pumps with Two Gear Pumps |
| Total Hydraulic Flow         | 24.6 gal/min (93.4 L/min)                              |
| Auxiliary Hydraulic Flow     | 13.9 gal/min (52.6 L/min)                              |
| System Operating Pressure    | 3,000 psi (20.6 mpa)                                   |
| Hydraulic Reservoir Capacity | 9.2 gal (35 L)   |
| Hydraulic System Capacity    | 14.8 gal (56 L)  |



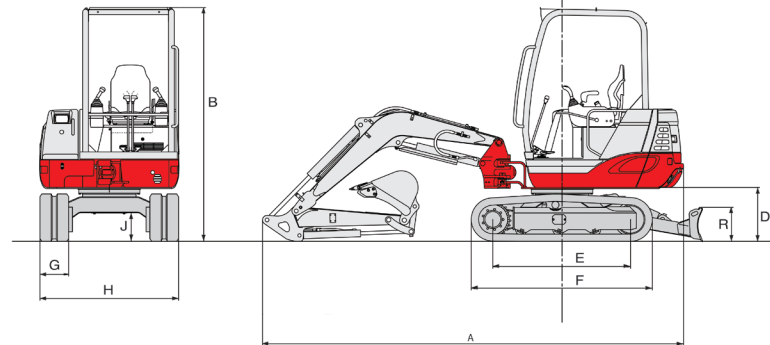
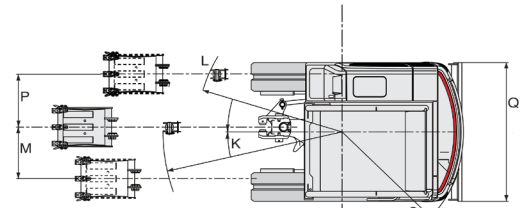
### WORKING DIMENSIONS

|                               |                        |
|-------------------------------|------------------------|
| A. Maximum Reach              | 15 ft 10 in (4,850 mm) |
| B. Maximum Reach Ground Level | 15 ft 6 in (4,720 mm)  |
| C. Maximum Dig Depth          | 9 ft 5 in (2,875 mm)   |
| D. Maximum Vertical Dig Depth | 7 ft 2 in (2,190 mm)   |
| E. Maximum Dig Height         | 14 ft 7 in (4,450 mm)  |
| F. Maximum Dump Height        | 10 ft 5 in (3,190 mm)  |
| G. Blade Maximum Lift         | 9.9 in (250 mm)        |
| H. Blade Maximum Lower        | 11.1 in (280 mm)       |



**MACHINE DIMENSIONS**

|                                    |                            |
|------------------------------------|----------------------------|
| A. Transport Length                | 14 ft 8 in [4,460 mm]      |
| B. Transport Height                | 8 ft 0 in [2,445 mm]       |
| C. Tail Swing (Slew) Radius        | 4 ft 3 in [1,285 mm]       |
| D. Counter Weight Ground Clearance | 1 ft 10.2 in [565 mm]      |
| E. Track Ground Contact Length     | 4 ft 8.7 in [1,440 mm]     |
| F. Undercarriage Length            | 6 ft 2.6 in [1,895 mm]     |
| G. Undercarriage Width             | 4 ft 9 in [1,450 mm]       |
| H. Track Width                     | 11.8 in [300 mm]           |
| J. Ground Clearance                | 11.8 in [300 mm]           |
| K. Minimum Front Radius (Straight) | 6 ft 2.2 in [1,885 mm]     |
| L. Minimum Front Radius (Offset)   | 4 ft 10 in [1,495 mm]      |
| M. Offset Working Distance (Left)  | 1 ft 9.2 in [800 mm] @ 80° |
| P. Offset Working Distance (Right) | 1 ft 9.9 in [600 mm] @ 60° |
| Q. Dozer Blade Width               | 4 ft 9 in [1,450 mm]       |
| R. Dozer Blade Height              | 11.8 in [300 mm]           |



◆ - Standard

○ - Optional

**HYDRAULIC**

- ◆ Cushioned Boom and Arm Cylinders
- ◆ Precise and Responsive Pilot Controls
- ◆ Primary Auxiliary Hydraulic Circuit Plumbed to Arm with 1-Way and 2-Way Operation
- ◆ Accumulator
- ◆ Hydraulic Oil Cooler with Sight Gauge
- ◆ Auxiliary Detent (Primary Circuit)

**WORKING EQUIPMENT**

- ◆ Main Boom Cylinder Guard
- ◆ Long Arm with Integrated Thumb Mount
- Dual Pin Position Bucket
- Mechanical Bucket Quick Coupler
- Main Pin Hydraulic Thumb

**OPERATOR'S STATION**

- ◆ ROPS/TOPS/FOPS Four Post Canopy
- ◆ Tilt-up Operator Station for Outstanding Service Access
- ◆ Six Way Adjustable Suspension Seat with Adjustable Arm Rests
- ◆ Quick Change Control Pattern (ISO or SAE)
- ◆ Proportional Slide Switch for Auxiliary Hydraulics
- ◆ 2 in Retractable Seat Belt
- 3 in Seat Belt

# Product Features

**ENGINE**

- ◆ EPA Tier 4 Compliant
- ◆ Automatic Fuel Bleed System
- ◆ Extended Life Coolant
- ◆ Dual Element Air Cleaner
- ◆ Automatic Idle

**ELECTRICAL**

- ◆ Electronic Monitoring System that Includes Visual and Audible Alarms for Low Oil Pressure, High Engine Coolant Temperature, Air Cleaner Restriction, and Charge Level
- ◆ 12 volt System with 40 amp Alternator
- ◆ Work Lights: Boom, Side Cover
- ◆ Engine Preheat
- ◆ Hour Meter
- ◆ Travel Alarm

**UNDERCARRIAGE AND FRAME**

- ◆ Triple Flange Track Rollers
- ◆ Sloped Frame with Open Centers
- ◆ 2-Speed Travel with Automatic Shift
- ◆ Heavy Duty Dozer Blade with Float
- ◆ Cast Iron Wrap Around Protective Counterweight
- ◆ 11.8 in Rubber or Steel Tracks
- Power Angle Blade, Angles 25° Right and Left