

# TW60 SERIES 2



## Product Specifications

### OPERATING PERFORMANCE

|                               |           |             |
|-------------------------------|-----------|-------------|
| Operating Weight              | 10,758 lb | (4,880 kg)  |
| Tipping Load, Straight        | 6,688 lb  | (3,034 kg)  |
| Tipping Load, Full Turn       | 5,906 lb  | (2,679 kg)  |
| Operating Capacity, SAE J818* | 2,952 lb  | (1,339 kg)  |
| Bucket Breakout Force         | 9,038 lb  | (4,100 kg)  |
| Lift Arm Breakout Force       | 6,675 lb  | (3,028 kg)  |
| Traction Force                | 8,818 lb  | (4,000 kg)  |
| Max Travel Speed              |           |             |
| Low Range                     | 4.0 mph   | (6.5 km/h)  |
| High Range                    | 12.4 mph  | (20.0 km/h) |
| Optional High Speed Travel    | 17.4 mph  | (28.0 km/h) |

\*Rate Operating Capacity (ROC) for wheel loaders is rated with a bucket according to SAE J818 at no more than 50% of the full turn tipping load.

### HYDRAULIC SYSTEM

|                                  |           |            |
|----------------------------------|-----------|------------|
| Auxiliary Flow - Primary Circuit | 15.8 gpm  | (60.0 Lpm) |
| Hydraulic System Pressure        | 3,336 psi | (23.0 MPa) |

### ENGINE

|                            |                    |           |
|----------------------------|--------------------|-----------|
| Make / Model               | Yanmar 4TNV86CHT-M |           |
| Horsepower @ 2,800 rpm     | 61.0 hp            | (45.6 kW) |
| Maximum Torque @ 1,800 rpm | 146.0 ft-lb        | (198 Nm)  |

### FLUID CAPACITIES

|                              |          |          |
|------------------------------|----------|----------|
| Engine Lubrication           | 7.8 qt   | (7.4 L)  |
| Fuel Tank Capacity           | 16.2 gal | (61.5 L) |
| Hydraulic Reservoir Capacity | 11.9 gal | (45.0 L) |
| Front Axle Lubrication       | 5.8 qt   | (5.5 L)  |
| Rear Axle Lubrication        | 5.6 qt   | (5.3 L)  |

# TW60 Series 2 Compact Wheel Loader

## Machine Features

### ENGINE

- US EPA Final Tier 4 Emissions Compliant
- DOC/DPF Exhaust After Treatment
- Turbocharged
- Water Cooled
- Dual Element Air Cleaner
- High Capacity Radiator

### OPERATOR'S STATION

- Enclosed Cab with A/C, Heat, Front and Rear Wipers, Front and Rear Washer, and Rear Window Defrost
- Elevated Operator's Station
- ROPS/FOPS Level 1 Protection
- Suspension Seat
- Multi-Function Joystick for Machine Direction, Forward and Reverse and Loader Controls
- Large Steps and Grab Handles
- 2" Retractable Seat Belt

### DRIVE TRAIN

- Hydrostatic Drive with 100% Inching Pedal
- 100% Locking Differentials: Front and Rear
- Outboard Planetary Drives
- Two Speed Travel
- Spring Applied Parking Brake
- Multi-Wet Disc Brake
- Construction Tire Assembly (optional)

### ELECTRICAL

- Multi-Informational Display
- 12 volt System with 55 amp Alternator
- Work Lights Front and Rear
- Driving Lights and Turn Signals
- Directional Lights
- Engine Preheat
- Back-up Alarm

### HYDRAULIC & WORKING EQUIPMENT

- Multi-Purpose Control Handle
- Auxiliary Hydraulic Lines Plumbed to End of Loader Arms
- Hydraulic Oil Level Sight Gauge
- High Capacity Hydraulic Oil Cooler
- Z-Bar Linkage
- Bucket Float Function
- Bucket Level Indicator
- Mechanical Bucket Positioning
- Universal SSL Hydraulic Coupler
- Heavy Duty, Self Aligning Loader Bushings with Oversized Pins

## Machine Dimensions

### MACHINE DIMENSIONS

|                                  |               |            |
|----------------------------------|---------------|------------|
| A Max. Lift Height to Bucket Pin | 9 ft 6.5 in   | (3,130 mm) |
| B Dump Height Fully Raised       | 8 ft 1.4 in   | (2,475 mm) |
| C Max. Reach Fully Raised        | 26.4 in       | (670 mm)   |
| D Dump Angle                     | 40°           |            |
| E Rollback Angle                 | 48°           |            |
| F Overall Length with Bucket     | 17 ft 2.6 in  | (5,250 mm) |
| G Overall Height                 | 8 ft 1.4 in   | (2,475 mm) |
| H Overall Operating Height       | 12 ft 10.7 in | (3,930 mm) |
| J Wheel Base                     | 6 ft 6.7 in   | (2,000 mm) |
| K Ground Clearance               | 17.3 in       | (440 mm)   |
| L Overall Width without Bucket   | 6 ft 3.0 in   | (1,905 mm) |
| N Outside Turning Radius         | 12 ft 1.3 in  | (3,690 mm) |
| O Inside Turning Radius          | 6 ft 5.3 in   | (1,840 mm) |
| P Recommended Bucket Width       | 76 in         | (1,930 mm) |

