

CHAPTER 8

SPECIFICATIONS

Loader Specifications

Specification	3640E/3840E (EU)	4240E
Operating Weight	4000 lbs. (1814 kg)	4600 lbs.(2087 kg)
Shipping Weight ²	3515 lbs. (1594 kg)	4065 lbs. (1844 kg)
Rated Operating Load ¹ (capacity)	1050 lbs. (476 kg)	1350 lbs. (612 kg)
Engine		
Make	Yanmar	Yanmar
Model	3TNV88-BKMS	4TNV88-BKMS
Displacement	100 in ³ (1,64 L)	133 in ³ (2,19 L)
Power (net)	35 hp (26 kW) @ 2600 rpm	46 hp (34 kW) @ 2600 rpm
Peak Torque	80 ft.-lbs. (108 N·m) @ 1200 rpm	103 ft.-lbs. (140 N·m) @ 1200 rpm
Hydraulic System (theoretical)		
Main Hydraulic System Pressure	2750 psi (190 bar)	2750 psi (190 bar)
Standard-Flow Rating	14.5 gpm (55 L/min)	16.5 gpm (62 L/min)
Electrical		
Battery	12-Volt DC, 675 CCA	12-Volt DC, 675 CCA
Starter	12-Volt DC (2.3 Kw)	12-Volt DC (2.3 Kw)
Alternator	40 amperes	40 amperes
Capacities		
Chaincase (each)	8 U.S. qts. (7,6 L)	8.0 U.S. qts. (7,6 L)
Crankcase	7.6 U.S. qts. (7,2 L)	9.1 U.S. qts. (8,6 L)
Fuel Tank	10.3 U.S. gal. (39 L)	12.4 U.S. gal. (47 L)
Hydraulic Reservoir	8 U.S. gal. (30 L)	8 U.S. gal. (30 L)
Sound (with Deluxe Sound Kit)		
Pressure Level (Operator Ear)	85 dB(A)	85 dB(A)
Power Level (Environmental)	101 dB(A)	101 dB(A)
<ol style="list-style-type: none"> 1. Operating load (capacity) rated for 3640E/3840E (EU): 55 in. (1397 mm) 10.5 ft³, (0.3 m³); 4240E: 61 in. (1550 mm) 11.7 ft³, (0.3 m³) dirt/construction bucket, in accordance with SAE J818. 2. 3640E/3840E (EU) shipped with 27.0 x 8.50 - 15 tires; 4240E shipped with 10.00 x 16.5 tires 		

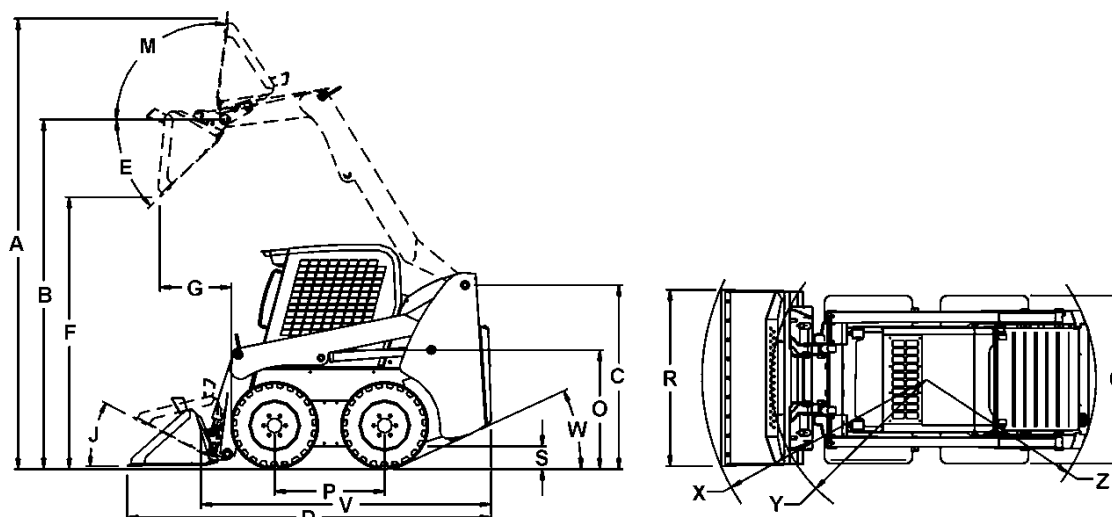
Standard Features

- Choice control types:
T-Bar or Hand/Foot
- Fuel Gauge
- All-Tach™ Attachment System
(Universal-Type)
- Warning Lamps and Buzzer –
Engine and Hydraulic
Oil Temperature
- Battery Charge Indicator Lamp
- Low Oil Pressure Light and Buzzer
- Seatbelt Indicator Lamp and
Buzzer
- Coolant Temperature Gauge
- Hourmeter
- Manual-Control Hydrostatic Drive
- ROPS/FOPS- Level II – Approved
Overhead Guard
- Independent Hydraulic Reservoir
and Hydraulic Oil Cooler
- Foot (T-Bar Only) and Hand Throttle
- Operator Restraint Bar
with Armrests
- Engine Intake Air Pre-Heater
Starting Assist (Manual)
- Adjustable Seatbelt
- Lift Arm Support Device
- Hydraloc™ System – Brakes and
Interlock for Starter, Lift/Tilt
Cylinders, Auxiliary Hydraulics,
and Wheel Drives
- Dual Front and Rear Work Lights
- Removable Belly Plate and
Access Cover
- Dual-Element Air Cleaner with
Visual Indicator
- Vandalism Lock Provisions
- Top and Rear Windows
- Spark Arrestor Muffler
- Headliner and Acoustical Interior
- Adjustable Seat
- Front Auxiliary Hydraulics with
3/4-inch Flat-Faced Couplers
- Number 80K Drive Chain
- Powerview® Lift Arm
- Visual Hydraulic Filter Indicator
- Power Plug (12 V)

Optional Features

- Audible Back-Up Alarm
- Engine Block Heater
- Horn
- Suspension Seat
- Cab Door with Wiper and Dome
Light
- Sliding Side Windows
- Heater/Defroster
- Deluxe Sound Package
- 3-inch Wide Seatbelt – When
Required by Law
- Rear View Mirror
- Engine Auto-Shutdown System
- Interior Dome Light
- Centrifugal Pre-Cleaner
- Strobe Light
- Impact-Resistant Door
- Single-Point Lift Kit
- Four-Point Lift Kit
- Rear Counterweight
- Battery Disconnect Switch
- Fenders
- Bucket Bolt-On Cutting Edge
- Diesel Engine Exhaust Purifier
- Hydraulic Coupler Kit
- Self-Leveling Lift Action

Dimensional Specifications



SL4240E		11.7 ft³ (0.3 m³) Bucket w/10 x 16.5 Tires	
		inches	mm
A	Overall Operation Height – Fully Raised	141.1	3584
B	Height to Hinge Pin – Fully Raised	110.0	2794
C	Overall Height – to ROPS	71.9	1826
D	Overall Length – Bucket Down	116.2	2952
E	Dump Angle at Full Height	42°	
F	Dump Height	84.5	2197
G	Dump Reach – Bucket Full Height	20.8	528
J	Rollback at Ground	29°	
M	Rollback Angle at Full Height	99°	
O	Seat to Ground Height	33.6	853
P	Wheel Base – Nominal	36.7	932
Q	Overall Width – Less Bucket	52.5/58.4	1334/1483
R	Bucket Width – Overall	60.6	1539
S	Ground Clearance – to Chassis (Between Wheels)	8.3	211
V	Overall Length (Less Bucket)	91.1	2314
W	Departure Angle	29°	
X	Clearance Circle – Front (With Bucket)	69.2	1758
Y	Clearance Circle – Front (Less Bucket)	43.4	1102
Z	Clearance Circle – Rear	58.4	1484