

STAND-ON SO37 SERIES AIR-COOLED

Our biggest Stand-On gets the job done faster

LIMITED WARRANTY†
2 YEAR
—UNLIMITED HRS—
COMMERCIAL



Stand-On SO37/61

SO37^{EFI}
ETC BIG BLOCK™

61 72

993 cc, air-cooled, V-Twin,
Vanguard BIG BLOCK™
gasoline engine



Increase your productivity with speeds
up to 10.5 mph and 6.88 acres per hour
with a 72-inch cutting deck.*

10.5 MPH
6.88
ACRES PER HOUR*

► DuraMax® deck

OPTIONS

- » Down Discharge™ mulching packages (Pg. 7)
- » Speed-Trimming™ heavy-duty anti-scalp roller (Pg. 7)
- » Flat-proof front tires (Pg.5)
- » Michelin® X® Tweel® Airless Front Tires (13 x 6.5-6) (Pg. 5)
- » DuraFlex™ suspension forks (Pg. 5)
- » Filter Minder™
- » Side discharge control kit (Pg. 7)
- » Air Dam kit (Pg. 9)
- » Edge-EZE™ edger (Pg. 5)
- » String trimmer mount kit (Pg. 5)
- » Trash bucket kit (Pg. 5)

Powerful, dependable, durable performance. All the attributes you've come to expect from a Grasshopper mower.

The SO37 OutStander™ Stand-On mower is equipped with a 37 hp Vanguard Electronic Fuel Injected (EFI), V-Twin engine with Electronic Throttle Control (ETC) for plenty of power to cut through heavy, wet grass. The combination of maximum operator comfort and True ZeroTurn™ maneuverability lets you finish jobs fast. The SO37's ease-of-use, effortless on/off and legendary Grasshopper cut quality results in superior performance.

DURABILITY & LONGEVITY

The robust T-Drive™ hydrostatic drive system features tandem pumps-in-reservoir, internal filtration and inline CoolFan™ coupled with Parker high-torque wheel motors design-matched to the engine HP for increased efficiency and simplified maintenance.

Durable, extra-deep, 5.5-inch DuraMax® decks feature superior airflow to deliver a manicured cut. A reinforced anvil-edge enhances the durability of the deck. Cutting height is easily raised and lowered thanks to the smooth motion of the hand-operated lever within easy reach of the operator.

Engine, T-Drive™ pump and deck smoothly move in unison when raising and lowering the cutting height position maintaining the drive belt on a uniform horizontal plane with zero power loss. This feature extends belt life. The service-friendly design includes removable guards and easy access to grease points and filters.

Fleet managers can take advantage of the commonality of parts between Stand-On models and the rest of the Grasshopper product line. Four tie-down points secure the mower on the trailer.

COMFORT & ERGONOMICS

The **wide anti-slip platform** is equipped with adjustable coil-spring suspension and dampeners, insulating the operator from vibrations, for a smooth, shock-reducing, floating-action ride and minimal bouncing.

The Command Center tower has a **vertical adjustment range of 4.5"** to fit operators of all sizes. An extra-wide, extra-thick pad with embroidered Grasshopper logo enhances operator comfort. The operator station provides a panoramic view of the mowing environment. All switches, levers and controls are intuitively placed within the operator's reach. **Integrated LED work lights** and a deep phone/accessory tray with USB charging ports are standard.

TRACTION & CONTROL

Hydraulically dampened control levers that also provide responsive and effortless maneuvering – including one-hand operation and **return to neutral** when released from forward and reverse. The grip bar adjusts to fit larger and smaller hands of the operator.

The compact wheelbase provides an incredible power-to-size ratio. Easily fit more units on trailers and maneuver through tighter spaces.

The SO37, like every Grasshopper mower, is designed for **optimal traction and stability**. The centralized location of the engine, T-Drive™ pump and dual fuel tanks on Stand-On models lowers the overall center of gravity. A total fuel capacity of 9.25 gal/35.0 L reduces the need for frequent refueling.

STAND-ON S037 SERIES – SPECIFICATIONS

MODEL – CUTTING WIDTH	S037 61	S037 72
ENGINE		
Type/Displacement/Cylinders		
Vanguard BIG BLOCK™, closed-loop, Electronic Fuel Injection (EFI) with Electronic Throttle Control (ETC) / 60.6 cu. in. (993cc) / V-Twin	•	•
Lubrication System		
Pressure Lube, Filter		
Crankshaft / Cooling System		
Vertical		
Cooling System		
Air		
Fuel / Capacity		
Gasoline - unleaded / 9.25 U.S. Gal. (35.0 l) total fuel capacity – twin tanks with fuel selector		
Air Cleaner		
Heavy-duty, cyclonic, remote-mounted engine dual cleaner with replaceable element		
Muffler		
Ultra-quiet, single, industrial type		
DURAMAX® DECKS		
Construction (Robotic-welded steel)		
Double-layered, 10-gauge plus 7-gauge formed-steel laminate spindle plane 0.313 in. (7.95 mm) thick – more than 25% thicker than 0.25 in. (6.35 mm) – with 7-gauge skirts for geometric strength. Spindle plane is 0.9 in. (22.86 mm) thick in stress zones; anvil-edge design with 0.5 in. (12.7 mm) reinforcement on front edge of deck.		
Blades (MARBAIN®, 1/4-in.)		
(3) 21 in. (53.3 cm)	•	
(3) 25 in. (63.5 cm)		•
Spindle Assemblies		
Sentry™ Spindle System, 2.5 cm (approx. 1 in.) outside diameter (O.D.) shaft; double bearings, greasable from top of deck. Spindle head designed to eliminate fiber wrap. Spindle cones shield housing and lower bearings from fiber wrap and dirt ingestion.		
Spindle Housing		
8-in. (20.3 cm)-diameter machined aluminum housing with 6-bolt pattern		
Spindle Cones		
Spindle cones shield housing and lower bearings from fiber wrap and dirt ingestion		
QuikAjust™ Height Adjustment		
Hand-controlled height adjustment lever with lock/release button		
Cutting Height Range		
1.0 – 5.5 in. (2.5 – 12.7 cm) in 1/4-inch increments		
Blade Drive		
Belt drive with single Kevlar V-belt & idler arm tensioning		
STARTER & ELECTRICAL SYSTEM		
Maintenance-Free Battery/Charging Capacity/Starter		
12 Volt/16 amp/solenoid shift		
Ignition		
Breakerless		
Interlock System		
Prevents engine start when PTO clutch is engaged or steering levers are in drive position; allows operator dismount without engine shutdown only when PTO is disengaged and steering levers are returned to neutral		
ULTIMATE OPERATOR STATION™		
Operator Platform		
Wide anti-slip platform with dampers; extra-thick pad with logo		
Suspension		
Coil spring suspension with dampening		
Console-Mounted Instruments (Command Center)		
Low engine oil pressure, hour meter, phone/accessory tray with USB charging ports, engine code light and parking brake indicator light, ignition switch and push/pull PTO switch		
Work Lights		
LED	•	•

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TRANSMISSION & STEERING		
Type		
T-Drive™ hydrostatic transmission with tandem 16cc Parker pumps-in-reservoir, in-line CoolFan™ for cooling efficiency, and design-matched Parker high-torque wheel motors		
Filtration/Hydro Fluid		
Self-contained fluid and internal filtration / CoolTemp Hydro-Max™ fluid withstands high and low temperature extremes for extended service intervals		
Speed		
0 – 10.5 mph (0 – 16.9 kph) forward		
0 – 6.0 mph (0 – 9.6 kph) reverse		
Turning Radius		
True zero degree, turns within own length with counter-rotating, independently powered drive wheels		
Steering		
One- or two-handed operation with dual levers that automatically return to neutral from either forward or reverse position		
Brakes		
Dynamic braking through hydrostatic transmission		
Parking Brake		
Manual lever through linkage to bar in tire (compression) brake		
TIRE SIZES		
Drive Wheels – Standard (5-bolt pattern)		
26 x 12-12, 350 Mag OTR, 4-ply rated		
Front Casters		
13 x 6.5-6; rib tread, pneumatic with double-sealed bearings to protect from grass wrap		
13 x 6.5-6; Airless Tweel Caster Wheel	○	○
DIMENSIONS (Mower & Deck)		
Mulch Width/Length (Add 1.5 in. (3.8 cm) to width for side discharge with deflector raised. Add 12.0 in. (30.5 cm) to width for side discharge with deflector.)		
62.5 in. (158.8 cm) / 84.0 in. (213.4 cm)	•	
73.5 in. (186.7 cm) / 87.5 in. (222.3 cm)		•
Height (Command Center – Tower Up)		
51.0 in. (130.0 cm)		
Height (Command Center – Tower Down)		
46.5 in. (118.0 cm)		
Drive Tire Track Width (outside edge to outside edge)		
57.0 in. (145.0 cm)		
WEIGHT		
Uncrated*: (Mower & Deck) 1250 lbs. (567.0 kg)	•	
Uncrated*: (Mower & Deck) 1350 lbs. (613.0 kg)		•
*DuraMax™ deck mulching package kit weights with high-low mulching blades: 61-in. – 36 lbs. (16.3 kg); 72-in. – 44 lbs. (20.0 kg)		

• Standard ○ Option