



MODEL SPECIFICATION SHEET

TIGER CAT II™

MODEL NUMBER: STCII-61V-26FT-EFI

ENGINE

General Type:	Heavy-duty industrial/commercial
Brand:	Kawasaki
Model:	FT730V-EFI
Horsepower:	26 HP @ 3600 RPM
Type:	4 cycle gas, electronic fuel injection (EFI), twin cylinder, air-cooled, OHV, vertical shaft engine
Displacement:	726 cc (50.3 cubic inch)
Cylinders:	2 cast-iron cylinder liners
Governor:	Electronic type governor with variable speed control set at 3600 rpm (± 100 rpm), idle set at 1550 rpm (± 150 rpm)
Air Intake Group:	Large capacity centrifugal air intake system
Exhaust:	Side-mount single canister
Fuel Pump Group:	Pulse-type fuel pump with in-line filter; twin barrel, internally vented carburetor with fuel shut-off solenoid
Oil Pump Group:	Full pressure lubrication with oil filter
Starter/Electrical:	Electronic ignition with solenoid shift starter
Oil Filter:	Top-mounted, quick change design for mess-free oil changes
Starter/Electrical:	12 volt "maintenance-free" sealed battery (350 CCA) with alternator, solid state ignition with key start, Electronic spark system
Charging System:	20 amp

ENGINE DECK

Fuel Tank:	Dual tanks (9.5 gallons / 35.9 liters total) with extra-large easy-fill openings and over-sized fuel caps, remote mount switching valve, molded-in cup holder
Drive Wheels/Tires:	24 x 12 - 12 four-ply pneumatic tubeless, radius edge, wide offset rims for better traction
Parking Brake:	Foot operated brake with park lock feature. AUSCO disc brakes feature a rotor and caliper style design for maximum holding power.
Frame:	Compact frame design with structural steel tube construction, welded. Engineered for a low center-of-gravity for increased incline performance.

DRIVE SYSTEM

Type:	Hydro drive with two variable displacement pumps and two cast-iron motors for independent control of each drive wheel
Hydro Pumps:	Two Hydro-Gear Model 12cc pumps with cooling fans feature dump valves for movement without running engine. Built in pressure relief valves add to hydraulic system life and reliability by reducing high pressure fluid spikes.
Drive Wheel Motors:	Two Parker 14.5 cubic inch cast-iron high torque wheel motors
Transmission Belt Idler:	Self-adjusting, self-tightening, with permanently lubricated bearings
Hydro Fluid Cooling Group:	4 qt. capacity nylon fluid reservoir, uses SAE 20W50 fluid and 10 micron filter
Steering/Travel Control:	Twin lever fingertip steering control with gas shock dampeners for smooth, responsive control to each wheel
Axles:	1-1/4" heavy-duty, tapered motor shafts
Wire Harness:	14 and 16 gauge wire. Tightly wound protective wire loom. Dielectric grease at major electrical connections.
Safety Group:	Seat actuated engine kill, neutral interlock, mower engagement (PTO) switch, parking brake
Instrument Panel:	Mounted at the right side of the operating position for easy access. Key switch, throttle, fuses, PTO switch, Tiger Eye Advanced Monitoring System, and 12-volt accessory outlet.
Forward Ground Speed Range:	0 up to 12.0 mph
Reverse Ground Speed Range:	0 up to 5.0 mph

CUTTER DECK

Type:	Velocity Plus, floating, adjustable anti-scalping, hybrid design combines out-front and belly-mount designs, special raised front edge allows grass to enter the deck standing upright for a fast, manicured cut.
Construction:	Tri-Plate construction consists of a 10-gauge steel cutter deck top reinforced with 7-gauge upper support plate and an 11-gauge lower spindle support plate. These three layers of steel equal close to a 1/2" thick steel cutter deck top. Deck skirt is 7-gauge. Trim side wear pad protects deck and landscape.
True Cutting Width:	61.0 inches (154.94 cm)
Cutting Height Adjustment:	Foot-operated pedal adjustment with deck easy-access deck latch lever adjusts from operator's seat, 1" to 5" in 1/4" increments.
Cutter Blades:	Three (3) high strength cutter blades
Cutter Deck Baffles:	Velocity Plus deck baffles direct air flow for maximum quality-of-cut. Custom Cut Baffle allows adjustment to individual cutting conditions (7 positions).



MODEL SPECIFICATION SHEET

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MODEL NUMBER: STCII-61V-26FT-EFI (continued)

CUTTER DECK (continued)

Blade Engagement:	Electric PTO via Ogura GT3.5 (250 ft. lb) clutch brake with control panel knob
Discharge Baffles:	Turbo-Baffle for extra discharge velocity with spring-loaded plastic discharge chute
Caster Wheels:	13 x 6.5 x 6 flat-free caster wheels(4-ply) with tapered roller bearing pivots and axles
Spindles:	Heavy-duty 1-1/8" top dimension spindle shaft, cast housing, taper roller bearing, low maintenance with top access grease fitting and grease overfill relief poppet
Idler Arms:	Spring-loaded for continuous belt adjustment and longer life, permanently lubricated bearings
Spindle Pulleys:	Split steel design with easily removed taper hubs. Split steel is stronger than stamped or cast pulley designs.
Cutter Deck Belts:	B-section with Kevlar cord
Anti-Scalp Rollers:	Two front 4-1/2" adjustable, two rear 10" fixed

ADDITIONAL SPECIFICATIONS

R.O.P.S.:	OSHA 1928 certified roll-over protection system. System has foldable design for loading into enclosed trailers.
Tiger Eye Advanced Monitoring System:	Blue backlit monitoring screen is IP67 rated. Gauge monitors crucial system and safety functions; integrated hour meter and much more (functions vary by model)
Suspension Seat:	4-point iso-mounted suspension seat with padded arm rests, lever adjustment forward and back.
Cup Holder:	Conveniently molded into left-side fuel tank.

OPTIONAL ITEMS/ATTACHMENTS

Grass Collection System - Three (3) Bag:	GC-3B Grass Catcher with 16 bushel (148 gallon) capacity. Three separate, commercial grade fabric debris bags with hard plastic bottoms and steel handles. Vertical blower design adds only 8.5" to the width of the cutter deck. Spindle driven blower design, 4-blade, all steel construction. Blower shreds debris for maximum density in the debris bags. Easy on and off design - no tools needed to remove and install after initial installation is complete.
Grass Collection System - Clam-Shell:	Dump from the seat "Clam Shell" collection system allows operator to empty the hopper without leaving the seat for increased productivity. Spindle driven catcher system has 12 bushel (112 gallon) capacity. All steel, vertically mounted blower housing. Internal sweeping device clears debris from the hopper every time the door is opened. Debris screen removes from side of hopper for easy cleaning even when hopper is partially full. After initial installation, the entire system removes and installs in the field with no tools in just minutes. Front weight kit included with catcher system.
OCDC:	Operator-Controlled Discharge Chute allows the operator to temporarily close-off the cutter deck's discharge opening when mowing along sidewalks, around flowerbeds, etc.
Mulching System:	Hurricane Plus Mulch System includes "Eye of the Hurricane" mulching plates, bolt-in v-baffles and flow directors, Eliminator blades, a side discharge close-off plate and hardware.
Mulching Plate:	Steel plate fits over discharge opening. No blade change or removal required. Installs and removes in the field.
Light Kit:	2,800 lm LED light kit is easy to mount, and provides bright white light. Two (2) lights; 1,400 lumens per light.
Flat-Free Caster Tires:	Semi-pneumatic caster tires minimize downtime resulting from flats.
Lawn Striping System:	Patented Tiger Stripe kit features eight (8) individual rollers with bushings for long life. Spring-loaded design pushes the grass down for a deep, longer lasting stripe. Unit locks up and can be removed without tools with two (2) quick-pins.
Blade Buddy:	Blade protector makes removal and re-installation of blades safe and easy.
Trailer Hitch:	Bolt-on trailer hitch with 250 lb. capacity.
Chrome Wheel Covers:	Durable plastic with metal retaining tabs, access hole for valve stem and Scag logo

APPROXIMATE DIMENSIONS

Length:	85.5"
Tracking Width:	51.5"
Width:	73.5"
Width (with discharge in transport position):	62.75"
Height (with ROPS):	67.25"
Height (with ROPS folded down):	46.75"
Turning Radius:	zero radius turning
Weight:	1257 lbs.