

# F687 Z-TRAK™ ZERO-TURNING-RADIUS MOWERS



## ADD VERSATILITY WITH:

Front Light Kit  
Fuel Gauge  
Hourmeter  
Material Collection System  
Tricycler™ Mulching Kit  
Discharge Performance Blades  
Cut Performance Blades  
Leaf Mulcher Kit  
Dual Rear Tire Kit  
Knobby Tires  
Adjustable Control Levers  
Heavy-Duty Air Filter Kit

## Attachments Available:

Snow Blower  
Broom  
Blade  
Debris Blower

## FEATURES

- The F687 Z-Trak (zero turn radius) mower is a highly maneuverable machine that offers the customer the ultimate in mowing productivity. Mower decks are located out front, enabling the operator to mow close to shrubs, trees, fences, etc., as well as providing excellent visibility for open mowing conditions. The 7-Iron™ full-floating deck platform provides the best groomed appearance. Available MCS design makes leaf collection a breeze.

- 23-horsepower (gross) gas engine, 48-, 54-, 60-in. 7-Iron commercial mower deck.

### 7-IRON DEEP-DECK MOWERS

- Provides a powerful vacuuming action to lift the grass and create better airflow.
- 48-in. mower deck standard.
- 54-in. mower deck and 60-in. mower deck available.

### DURABLE KAWASAKI® OHV ENGINES

- 23-horsepower Kohler twin-cylinder engine.

### TWO-YEAR LIMITED WARRANTY\*

- Local John Deere Dealer takes care of all warranty service. (There's no need to go to component suppliers for service.)

### TWO-LEVER HYDROSTATIC CONTROLS

- Dual levers for quicker response.
- Ergonomically designed for rider comfort during extended operations.
- Zero-turning radius for added maneuverability with tight turning radius.

### DECK HEIGHT ADJUSTMENT

- Floor-height foot pedal allows adjustment from operator seat.

### LARGE FUEL CAPACITY

- 6.8 U.S. gallon capacity fuel tank for longer operating time.

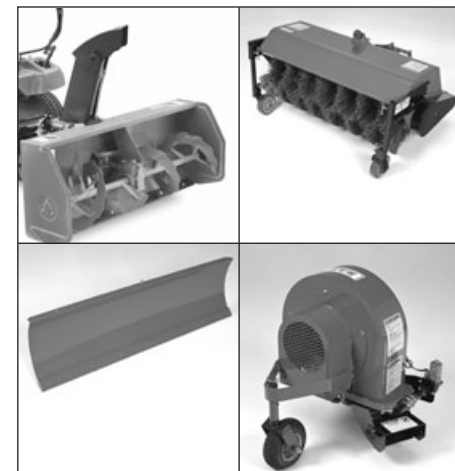
### HIGH-BACK SEAT

- Coil spring suspension smoothes out ride for enhanced operator comfort.
- Up to 5-in. fore-and-aft adjustment to match customer's preference.

### SERVICEABILITY

- Deck rotates to 90 degrees for safe maintenance and cleaning.
- Seat cowling lifts to 90 degrees to provide unrestricted access to service points.

*\*See dealer for details.*



# SPECIFICATIONS

## F687

### Engine:

Manufacturer	Kohler
Model No.	CH23S
Horsepower (Gross) (kW)	.23 (17 kW)
Displacement	41.1 cu. in. (673 cc)
Cylinders	Two
Crankcase Capacity	2.5 U.S. qt. (2.3 L)
Bore and Stroke	3.03 in. x 2.64 in (7.69 cm x 6.70 cm)
Rated Engine Speed (No Load)	3,300 +/- 50 rpm
Operating Range	1,200-3,300 rpm
Valving	Overhead valve
Oil Filter	Full flow, replaceable
Lubrication	Full pressure
Governor	Mechanical
Cooling	Air
Air Cleaner	Heavy-duty, dry replaceable
Muffler	Canister type

### Fuel System:

Fuel Consumption (Average Mowing Conditions)	1.1 U.S. gal./hr under load
Fuel Type	Regular or unleaded gasoline
Fuel Tank Capacity	6.8 U.S. gal. (25.7 L)
Fuel Pump	Mechanical
Fuel Delivery System	Carburetor
Fuel Tank Switch/Shut Off Valve	Standard
Filler neck opening	2.63 in. (6.68 cm)
Fuel pickup	Top draw

### Electrical System:

Charge System	.25 amp
Battery Voltage	12 volt
Cold Cranking Amp	.340
Hour Meter	Standard
Operator Presence Starting System	Standard

### Drive Train:

Hydraulic Pumps	Belt driven hydro-gear
Wheel Motors	Parker Ross
Hydraulic System Capacity	2.4 U.S. gal. (9.0 L)
Filter	Spin-on type

### Travel Speed:

Forward	.0 to 8.2 mph (0-13.1 Km/h)
Reverse	.0 to 6.0 mph (0-9.6 km/h)
Operator Presence Starting System	Standard
Speed and Direction Control	Twin levers

### Tires:

Drive Tires	20x10.00-10 turf
Rear Tires	13x6.50-6 rib
Load Rating	4 PR

### Brakes:

Dynamic Braking	Twin hand-controlled levers
Park Brake	Dry disc
Park Brake Actuation	Hand lever

### PTO:

Type	Electric clutch
Drive	Splined shaft

### Dimensions:

Length	102.4 in. (9260 cm)
Width	61.6 in. (48-in. deck)
Height	44 in. (111 cm)
Machine Weight	1,060 lb. (480 kg)

### Mower Decks:

Available Widths	48, 54, 60 in.
Discharge	Side
Height-of-Cut Range	1-5 in. (2.5-12.7 cm)
Increments	0.50 in. (1.2 cm)
Cutting Width	48, 54, 60 in.
Rotates 90 Degrees for Servicing	Standard

### Blades:

Length	17 (43 cm), 19 (48 cm), 21 in. (53 cm)
Width	2.5 in. (6.3 cm)
Thickness	.025 in. (.63 cm)
Tip Speed	16,640, 16,450, 16,270 ft./min.
Number of Blades	Three
Bearings	Gearbox, spiral gears

### Wheels:

Caster Wheel Type	Pneumatic
Caster Wheel Size	9x3.50-4 in.
Front Anti-Scalp Rollers	Two
Rear Anti-Scalp Rollers	Two

### Misc. Information:

Warranty	Two years
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