

## Specifications

| Model                    | F2690E                        |                       | F2690  |                        | F3990                        |             |
|--------------------------|-------------------------------|-----------------------|--|------------------------|------------------------------|-------------|
|                          | 2WD                           |                       | 4WD  |                        | 4WD                          |             |
| <b>Engine</b>            |                               |                       |  |                        |                              |             |
| Model                    | Kubota D1105                  |                       | Kubota D1105   |                        | Kubota V1505T-IDI+DPF        |             |
| Type                     | Liquid-cooled diesel (3 cyl)  |                       |  |                        |                              |             |
| Engine gross horsepower* | HP                            | 24.8                  | 24.8   | 36.9                   | Liquid-cooled diesel (4 cyl) |             |
| Total displacement       | cu.in. (cm³)                  | 68.6 (1,123)          | 68.6 (1,123)   | 91.4 (1,498)           |                              |             |
| Air cleaner              | Type                          | Dual element          |  |                        |                              |             |
|                          | Air restriction indicator     | N/A                   |  |                        | Standard                     |             |
| Alternator               |                               | 12 V, 40A             |  | 12 V, 60A              |                              |             |
| Fuel tank capacity       | U.S. gals. (l)                | 16.1 (61.0)           |  |                        |                              |             |
| <b>Transmission</b>      |                               |                       |  |                        |                              |             |
| Type                     | HST (F2/R2)                   |                       |  |                        |                              |             |
| Max. travel speed        | Forward / Reverse             | mph (km/h)            | 12 (19.3)/6.2 (10)   | 12.5 (20)/6.8 (11)     |                              |             |
| 4WD mode select          | N/A                           |                       | Auto-assist 4WD with dual acting overrunning clutch/locked 4WD |                        |                              |             |
| Differential lock        | Standard                      |                       |  |                        |                              |             |
| Cruise control           | Optional                      |                       |  |                        |                              |             |
| <b>Tire</b>              |                               |                       |  |                        |                              |             |
| Front                    | 23x10.5-12                    |                       | 24x12-12   |                        |                              |             |
| Rear                     | 16x6.5-8                      |                       | 18x9.5-8   |                        |                              |             |
| <b>Brake</b>             |                               |                       |  |                        |                              |             |
| Wet discs                |                               |                       |  |                        |                              |             |
| <b>Steering</b>          |                               |                       |  |                        |                              |             |
| Type                     | Hydrostatic power             |                       |  |                        |                              |             |
| Tilt steering            | Standard                      |                       |  |                        |                              |             |
| Turn assist brake        | Optional                      |                       |  |                        |                              |             |
| <b>Dimension</b>         |                               |                       |  |                        |                              |             |
| Tread (F/R)              | in. (mm)                      | 38.4 (975)/34.4 (875) |  | 41.2 (1047)/39.3 (997) |                              |             |
| Wheel base               | in. (mm)                      | 51.2 (1,300)          |  |                        |                              |             |
| Overall length           | in. (mm)                      | 96.5 (2,450)          |  | 98.9 (2,510)           |                              |             |
| Overall width            | in. (mm)                      | 48.8 (1,240)          |  | 53.9 (1,370)           |                              |             |
| Overall height           | in. (mm)                      | 77.8 (1,975)          |  | 78.1 (1,985)           |                              |             |
| Weight                   | lbs. (kg)                     | 1,594 (723)           |  | 1,606 (730)            |                              | 1,716 (780) |
| Ground clearance         | in. (mm)                      | 6.9 (175)             |  | 7.3 (185)              |                              |             |
| <b>Mower mounting</b>    |                               |                       |  |                        |                              |             |
| Type                     | Independent live, Shaft drive |                       |  |                        |                              |             |
| PTO revolution           | 2,545                         |                       | 2,580  |                        |                              |             |
| Clutch                   | Wet multi discs, hydraulic    |                       |  |                        |                              |             |
| Lift system              | Hydraulic 2-point hitch       |                       |  |                        |                              |             |
| Tilt angle               | Degrees                       | 90                    |  |                        |                              |             |
| Tilt assist              | Standard                      |                       |  |                        |                              |             |
| Weight transfer          | Standard                      |                       |  |                        |                              |             |
| <b>Others</b>            |                               |                       |  |                        |                              |             |
| ROPS                     | Standard (ISO21299 and OSHA)  |                       |  |                        |                              |             |
| Fuel gauge               | LCD Display                   |                       |  |                        |                              |             |
| Tachometer               | LCD Display                   |                       |  |                        |                              |             |
| Toolbox                  | Standard                      |                       |  |                        |                              |             |
| Seat                     | Reclining suspension seat     |                       |  |                        |                              |             |
| Cup holder               | Standard                      |                       |  |                        |                              |             |

## Mower Specifications

| Model                     | RCK60P-F39     |                                   | RCK72P-F39 |             | RCK60R-F36     |  | RCK72R-F36 |  |  |
|---------------------------|----------------|-----------------------------------|------------|-------------|----------------|--|------------|--|--|
|                           | Side discharge |                                   |            |             | Rear discharge |  |            |  |  |
| Discharge                 |                |                                   |            |             |                |  |            |  |  |
| Cutting width             | in. (mm)       | 60 (1,520)                        | 72 (1,826) | 60 (1,520)  | 72 (1,826)     |  |            |  |  |
| Cutting height            | in. (mm)       | 1 (25)-5 (127)                    |            |             |                |  |            |  |  |
| Cutting height adjustment | in. (mm)       | Each 0.25 (6.4)                   |            |             |                |  |            |  |  |
| Depth                     | in. (mm)       | 6.0 (152)                         |            | 5.5 (140)   |                |  |            |  |  |
| Deck pan                  | Welded         |                                   |            |             |                |  |            |  |  |
| Thickness                 | in. (mm)       | Top: 0.101 (4.2), Side 0,108(4.5) |            | 0.108 (4.5) |                |  |            |  |  |
| Number of blades          | 3              |                                   |            |             |                |  |            |  |  |
| Front baffle kit          | Standard       |                                   |            |             | N/A            |  |            |  |  |
| Mulch kit                 |                |                                   |            |             | Optional       |  |            |  |  |

\*SAE J1995

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## KUBOTA DIESEL FRONT MOWER F2690E/F2690/F3990

Three updated models, a new powerful engine for the top-of-the-line F3990 and enhanced cutting and discharge performance make the F-Series the new standard in professional front-mount mowers.



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# Powerful front-mount mowers with greater productivity and cleaner performance satisfy both professionals and the environment.

Whatever your mowing application, there's a Kubota F-Series mower that can do the job with power, precision, and efficiency.

The line of three updated models includes the F3990 with the highest-ever horsepower among all Kubota front-mount mowers. And all offer powerful yet more economical and cleaner performance, greater safety, easier maintenance, superior operator comfort as well as a higher level of productivity and reliability making them the right choice to meet all your mowing needs.



DIESEL FRONT-MOUNT MOWERS

**F2690E 2WD**

**F2690/F3990 4WD**



# HIGH-PERFORMANCE

Get more jobs done in less time with Kubota's powerful and clean diesel engines and high lifting capacity.

## Kubota diesel engines

Powerful Kubota diesel engines mean faster, more efficient job performance. These F-Series engines have power to spare. Their high torque rise ensures faster, smoother recovery under sudden loading, letting you power through tall or wet grass without skipping a beat. They're also environmentally and economically friendly thanks to their compliance with the EPA's Tier IV emissions regulations, enhanced combustion efficiency, low vibration and noise levels, and reduced fuel costs.



## High lifting capacity

A high lifting capacity gives the F-Series the versatility to handle an array of implements, including a grass catcher, snow blower, rotary sweeper and debris blower.



## Clean emission diesel engine

The F-Series diesel engines are built for greater power with cleaner emissions. The F3990's liquid-cooled E-TVCS (vortex combustion system) engine delivers increased power and high torque for all the tractor strength you need while lowering emissions. Its combination with the Diesel Particulate Filter (DPF) Muffler further reduces emissions to make it compliant with the TierIV Emissions regulations.

## Electronic governor

The F3990 diesel engine features an electronic governor that stabilizes the engine speed at 2,500rpm with the PTO switched on for enhanced cutting and discharge performance, and increases engine speed to 2,700rpm with the PTO switched off for faster traveling speed.

**F2690E 24.8HP/3000RPM**  
**F2690 24.8HP/3000RPM**  
**F3990 36.9HP/2500RPM**

## Large tires with wide tread

Four large-sized tires provide a wide tread for greater stability and maneuverability on slopes, better flotation and less ground compaction.



## Single HST pedal

A powerful hydrostatic transmission provides quick response, excellent working speed, and more muscle for tough mowing jobs. The single pedal design lets you easily change the direction as well as control the speed (4WD: 12.5 mph max. forward speed, 6.8 mph in reverse), keeping your hands free for steering and implement control for increased productivity.



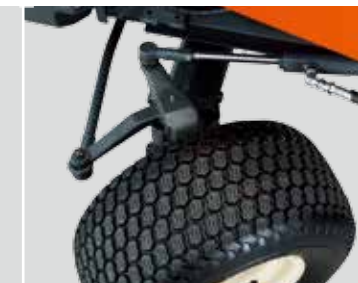
## Large capacity fuel tank

A large, 16.1 gallon fuel tank not only keeps you working longer between fuel stops, it also reduces the number of fueling stops needed to complete long jobs. That means more time working and less time fueling up. The refueling pipe is now conveniently located right behind the ROPS.



## 4WD and Auto-Assist 4WD

Auto-Assist 4WD works in forward and reverse, automatically controlling the drive loads on the wheels during turns. Auto-Assist 4WD lets you turn with greater efficiency and ease with less wear and tear on the turf. Full-time 4WD can also be engaged.



## Hydrostatic power steering

Hydrostatic power steering reduces operator fatigue and makes it easier to mow around trees and other obstacles.

## Tilt steering wheel

The tilt steering wheel can be quickly adjusted to several positions for optimum operator comfort and further driving ease.

## High/Low lever

The handy Hi/Low lever is standard equipped on all models so you can adjust the mower speed to better match the terrain or situation.

## F-Series options

|              |  |
|--------------|--|
| <b>F8255</b> | Worklight Kit (ROPS Mounted)                 |
| <b>F8281</b> | Cruise Control                               |
| <b>F8282</b> | Turn Assist Brakes (not compatible with cab) |
| <b>F8283</b> | Remote Hydraulic Single Valve                |
| <b>F5206</b> | Deluxe Hard Cab                              |



# PROFESSIONAL MOWER DECK

A durable, hard-working deck that's ready for a wide range of mowing jobs.

## Pro-Commercial mower deck

The Pro-Commercial mower deck comes with an inner baffle to prevent cut grass from discharging to the front. A larger discharge chute improves discharge performance requiring less power to run the mower.

|        | Side discharge |     | Rear discharge |     |
|--------|----------------|-----|----------------|-----|
|        | 60"            | 72" | 60"            | 72" |
| F3990  | ○              | ○   | ○              | ○   |
| F2690  | ○              | ○   | ○              | ○   |
| F2690E | ○              | ○   | ○              | ○   |



## 6.0" deep mower deck

Tall grass is no problem for this side-discharge professional mower deck. Its 6.0"-deep deck design lets tall grass stand up so that it can be cut more efficiently. This results in a faster cut and a cleaner appearance.



## PTO shaft drive

Shaft drive means no belts or pulleys – just smooth and direct power transfer from the engine to the deck and other PTO-driven attachments. Shaft drive also requires less maintenance and provides greater dependability.

## Multi-V-belt/Steel pulleys

In addition to providing greater wear resistance, the heavy-duty cast-iron pulleys and a multi-V-belt drive system effectively distribute and reduce tension while transmitting power to the mower blades. The multi-V-belt won't twist or slip, thus reducing the chance of damage to the mower. You get more performance and power – and fewer problems.

## Swivel anti-scalp wheels

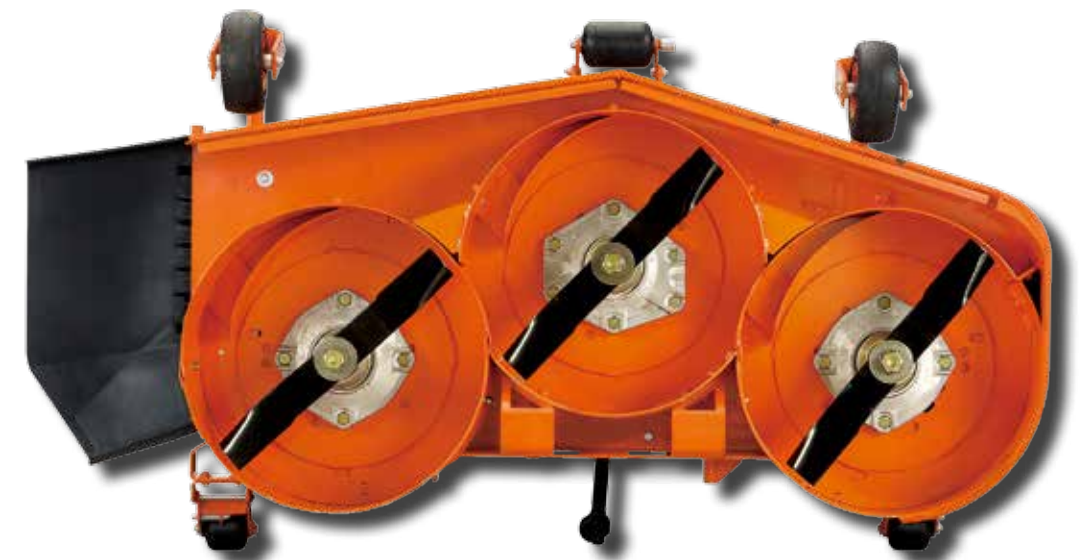
The mower deck is equipped up front with two large wheels that swivel independently through 360 degrees. The wheels ensure that the deck remains above the turf, preventing unsightly turf damage.

## Fabricated deck with sturdy steel construction

Stronger and more durable than conventional pressed steel decks, the F-Series' fabricated steel decks are designed to provide years of reliable cutting performance with minimal maintenance.

## Rear discharge mower

When side discharge won't do, mount a rear discharge mower deck. Two sizes—60" and 72"—are available. Both decks tilt up 90 degrees for easier cleaning and blade sharpening. They also feature sturdy steel construction for greater durability and front lift arms that attach directly over the center of gravity for better control. Mulching kits are also available.



## Mulching kit (option)

The professional mulching kit converts the standard deck into a high-precision mulching deck that produces an even finer mulch and sends it straight back into the turf.



# SIMPLE MAINTENANCE

Designed from the ground up for fast, easy maintenance.

## Easy maintenance

Downtime is unproductive time, so the F-Series is designed for quick and simple maintenance. From the quick-release engine cover to the 90-degree tilt mower deck, every detail has been geared towards getting you back on the job as quickly as possible and keeping you there as long as possible.



## 90-degree tilt mower deck

The mower deck lifts a full 90 degrees, providing unobstructed access to the blades and deck underside for easier cleaning and maintenance.



## Dual-element air cleaner

The dual-element air cleaner helps keep the engine running smoothly and efficiently. Only the outer filter needs to be replaced—the inner filter can be cleaned with a pressured air—helping to reduce maintenance costs. The F3990 air cleaner is equipped with a choke indicator that turns red when the filter needs cleaning or replacement.

## Integrated radiator screen

The new, easy to clean radiator screen is integrated into the engine cover to help keep the engine running cool and efficiently. A water temperature gauge and overheating alarm are also provided to help prevent overheating.

## New digital panel

The new easier to read LCD digital panel provides vital information about the F-Series mower at a glance, including DPF-related information, engine speed, remaining fuel, water temperature and hour meter.

## Tool box

Conveniently located under the seat, the tool box provides fast-access storage for your tools. It's also an ideal place to store your operator manual for quick and easy reference while on the job.



# DRIVING COMFORT

The all-important key to safe, efficient, productive mower operation.

## Comfort

Long hours on the job can take a toll on operator efficiency. That's why all Kubota F-Series mowers are equipped with a large operator's platform and a variety of features to keep you comfortable and productive under all working conditions. You'll notice the difference after a long day behind the wheel.



# IMPLEMENTS

Heavy-duty options for specialized applications.

## All-season cab

The cab has been redesigned for easy attachment and removal for all-season use.

### Cab options

- Rear Worklight
- Rear View Mirror
- Heater
- Beacon Light



Cab shown with optional rear LED work lights that improve rear visibility. And an optional flashing LED beacon is also available.



Rotary sweeper



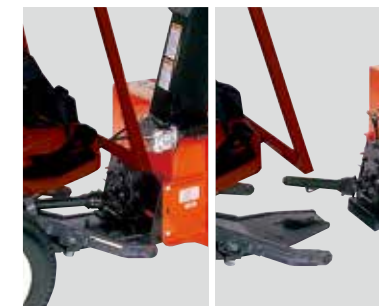
Front blade



Snow blower



Debris blower



Quick-hitch



Grass catcher



## Deluxe seat

The F-Series' high level of comfort starts with a deluxe high-back seat with four separate adjustments—weight control, lumbar support, back angle, and arm rests—to provide every operator with a custom fit and optimum comfort.

## Operator levers

For easier operation and greater convenience, the High/Low speed lever and deck-lifting lever are positioned beside the operator's seat. The lever guides have also been designed for quick, at-a-glance identification.

