



F2680E-F, F3080-F, F3680-F FRONT MOWER

SALES FEATURES:

- Full time 4WD and auto assist 4WD (forward and reverse) with dual acting overrunning clutch (except F2680E-F)
- Hydrostatic drive
- High/low range transmission
- Hi-Pro 3 side discharge decks are like 3-decks-in-one with optional baffle kit and mulching kit
- All mower decks tilt 90°
- Lift-assist mechanism on 72" decks
- Excellent front visibility
- Highly maneuverable
- Power steering
- Tilt steering wheel
- Wet multi plate independent PTO Clutch
- Deluxe suspension seat w/4 adjustable controls
- Front differential lock
- Easy Checker™ System
- Electric fuel gauge
- Dual element air filter

SAFETY EQUIPMENT:

- 2 Post Foldable ROPS w/Retractable Seatbelt
- Operator Presence Control
- Safety Start Switch
- Parking Brake

IMPLEMENTS:

- RCK60P-F36 60" Hi-Pro3 Side Discharge Mower
- RCK72P-F36 72" Hi-Pro3 Side Discharge Mower
- RCK60R-F36 60" Rear Discharge Mower
- RCK72R-F36 72" Rear Discharge Mower
- GCK72-F36 Low Dump Grass Catcher
- F5210B Two Stage Snowblower
- L2162 Rotary Sweeper
- B2765A Blade
- F2535D Debris Blower

TRACTOR ACCESSORIES:

- F5200 Hard Cab
- F5202 Cab Heater
- E1133 Canopy
- F8251A Hazard Light
- F8285 Engine Tachometer Kit
- F8281 Cruise Control Kit
- F8262 Turn Assist Brake Kit
- Performance Baffle Kits (Fine Cut)
 - F5267 60" Side Discharge
 - F5277 72" Side Discharge
- Mulching Kits
 - F5265 60" Side Discharge
 - F5266 60" Rear Discharge
 - F5275 72" Side Discharge
 - F5276 72" Rear Discharge

ENGINE:

	F2680E-F (2WD)	F3080-F (4WD)	F3680-F (4WD)
Make and Model	Kubota D1105	Kubota D1305	Kubota V1505
Type	Liquid Cooled, 3 Cylinder, Diesel	Liquid Cooled, 3 Cylinder, Diesel	Liquid Cooled, 4 Cylinder, Diesel
* Engine hp (gross)	25.5 hp (19 kW) @ 3000 rpm	30 hp (22.4 kW) @ 3000 rpm	36 hp (26.9 kW) @ 3000 rpm
Bore and Stroke	3.07" x 3.09"	3.07" x 3.43"	3.07" x 3.09"
Displacement	68.6 cu in	77 cu in	91.5 cu in
Air Cleaner	Dual Element	Dual Element	Dual Element
Lubrication	Forced Lubrication	Forced Lubrication	Forced Lubrication
Cooling System	Pressurized Radiator	Pressurized Radiator	Pressurized Radiator Air Restriction Indicator

CAPACITIES:

Fuel Tank	16.1 gal	16.1 gal	16.1 gal
Cooling System	5.5 qts	5.5 qts	5.5 qts
Engine Oil	3.7 qts	3.7 qts	5.3 qts
Transmission and Differential	14.8 qts	14.8 qts	14.8 qts

DRIVE TRAIN:

Transmission	Hydrostatic	Hydrostatic	Hydrostatic
Speeds			
Forward	Lo Range 0 - 5.6 mph Hi Range 0 - 12.5 mph	Lo Range 0 - 5.6 mph Hi Range 0 - 12.5 mph	Lo Range 0 - 5.6 mph Hi Range 0 - 12.5 mph
Reverse	Lo Range 0 - 3.0 mph Hi Range 0 - 6.8 mph	Lo Range 0 - 3.0 mph Hi Range 0 - 6.8 mph	Lo Range 0 - 3.0 mph Hi Range 0 - 6.8 mph
Differential Lock	Standard	Standard	Standard
Final Drive	Spur Gear	Spur Gear	Spur Gear
Brakes	Wet Disk	Wet Disk	Wet Disk
PTO Revolution	2545 rpm @ 3000 rpm	2545 rpm @ 3000 rpm	2545 rpm @ 3000 rpm

HYDRAULICS:

Type	Open Center	Open Center	Open Center
Pump	Gear	Gear	Gear
Pump Output	8.6 gpm	8.6 gpm	8.6 gpm
Two Point Hitch Lift Capacity at Lift Points	573 lbs	573 lbs	573 lbs
Steering	Power Steering	Power Steering	Power Steering

DIMENSIONS:

Overall Height (to top of ROPS)	79.4"	79.4"	79.4"
Length w/out Mower	94.8"	94.8"	94.8"
Ground Clearance	7.4"	7.4"	7.4"
Width without Mower	56.4"	56.4"	56.4"
Wheelbase	52.0"	52.0"	52.0"
Turning Radius Left (w/out brake)	21.0"	21.0"	21.0"
Turning Radius Right (w/out brake)	21.0"	21.0"	21.0"
Uncut Grass Radius			
w/60" Side (RCK60P-F36)	26.8"	26.8"	26.8"
w/72" Side (RCK72P-F36)	21.7"	21.7"	21.7"
w/72" Rear (RC72R-F36)	27.6"	27.6"	27.6"
Tire Size	F -- 23 x 10.50-12 R -- 16 x 6.50-8	F -- 24 x 12 -- 12 R -- 18 x 9.5 -- 8	F -- 24 x 12 -- 12 R -- 18 x 9.5 -- 8
Tread Width	F -- 38.4" R -- 34.2"	F -- 41.8" R -- 41.1"	F -- 41.8" R -- 41.1"
Weight (w/o mower)	1488 lbs	1541 lbs	1581 lbs

* Manufacturer estimate.

Kubota recommends the use of ROPS/seat belt in almost all applications.

F-SERIES FRONT MOWERS GENERAL FEATURES

STYLING / OPERATIONS

Front mount mowers offer maximum visibility while mowing
Mower deck out front allows you to mow close to shrubs and under low hanging trees
Larger operator platform than F60 series (4" longer and wider), providing greater leg and knee room
Deluxe, high-back, suspension seat with four adjustable controls
Ergonomically placed operator levers
Better hillside stability plus less ground compaction with larger and wider tires (F3080-F, F3680-F)
Full open hood design with integrated radiator screen
4WD and Auto-assist 4WD, both forward and reverse, (F3080-F, F3680-F)
Larger 16.1 gallon fuel tank means more productivity and less down-time
Hydrostatic power steering eases mowing operation
Tilt steering wheel permits the operator to select the ideal position for comfort
Hydraulic lift system to effortlessly raise and lower the deck
Hi Pro 3 fabricated side discharge decks (60" and 72") is like three decks in one with optional kits
 Standard deck – cuts and discharges tall grass quickly
 Performance baffle kit (option) – produces manicured finish
 Mulching kit (option) – cuts grass into fine mulch
Rear discharge fabricated mower decks in both 60" and 72" leave clean cutting edge on both sides
Easy on/off mower deck design and quick attach implements requires no tools
All mower decks tilt a full 90 degrees for blade cleaning, changing, and maintenance
Lift-assist mechanism on larger 72" decks, ease the process to tilt the deck
Mulching kits available for all mower decks
40% Greater lifting capacity for front-mounted implements compared to F60 series
Easy to read instrument panel with electric fuel gauge, oil and battery charge indicators
Handy cup holder and toolbox
2-Post foldable ROPS
2-Point Hitch
Year-round tractor with an array of implements available as options plus a Hard Cab:
 Front Blade, Low-Dump Grass Catcher, Snow Blower, Rotary Sweeper, Debris Blower

ENGINE

Liquid-cooled Kubota diesel engine
Features greater horsepower than F60 series, 26 hp (2WD) and 30 and 36 hp (4WD)
E-TVCS Kubota engines meet EPA emission regulations
Low noise
Low vibrations
Low emissions, clean burning exhaust
Dual element air cleaner
Super Pre Heat provides fast starting in cold weather

DRIVE TRAIN

Heavy duty 3/16" frame provides exceptional strength and rigidity
Shaft-drive transmission, mower, and implements; no belts and pulleys
Hydraulic independent PTO clutch
2 Wheel Drive (F2680E-F), 4 Wheel Drive (F3080-F, F3680-F)
Dual-Acting Overrunning Clutch (F3080-F, F3680-F)
Hydrostatic transmission (high/low range) for smooth travel at precisely controlled speeds
Increased travel speed to 12.5 mph (forward) and 6.8 mph (reverse).
Mechanical wet multi disc clutch and brake system
Front differential lock



F-80 SERIES BID SPECIFICATIONS

F80 SERIES			
BID SPECIFICATIONS			
ENGINE	F2680E-F	F3080-F	F3680-F
Make and Model	Kubota, D1105	Kubota, D1305	Kubota, V1505
Type	Liquid Cooled Diesel	3 Cylinder	3 Cylinder
		3 Cylinder	4 Cylinder
	E-TVCS indirect injection diesel engine LOW EMISSIONS		
Engine hp (gross) @ 3000 rpm	26 hp (19 kW)	30 hp (22.4 kW)	36 hp (26.9 kW)
Bore and Stroke	3.07" x 3.09"	3.07" x 3.43"	3.07" x 3.09"
Displacement	68.6 cu in	77 cu in	91.5 cu in
Compression Ratio	24:1	24:1	24:1
Lubrication	Forced lubrication high output gear pump		
Cooling System	Pressurized radiator forced flow to the rear		
Air cleaner	Dual element		
Governor type	Ball weight type		
Fuel injection pump	Self bleeding inline piston pump		
Fuel consumption (per hour @ 3000 full load)	1.67 gal	1.67 gal	2.14 gal
Oil filter	Spin on type		
Muffler And Exhaust Pipe	Fully enclosed beneath engine hood		
Engine Compartment	Fully covered, easy access with tilt-up hood		
CAPACITIES			
Fuel Tank	16.1 U.S. gal		
Cooling System	5.5 qts		
Engine Oil	3.7 qts		5.3 qts
Transmission and Differential	14.8 qts		
Rear Axle Housing	2.6 qts		
DRIVE TRAIN			
Tractor Chassis	Heavy duty 3/16" C channel construction		
Transmission	Compact tractor type sliding gear with high & low ranges		
Hydrostatic	Kubota's heavy duty piston pump hydrostatic (single rocker pedal)		
Drive Wheels	2 Wheel Drive	4 Wheel Drive	
Rear Wheel Drive Method (Shift on the Fly)	N/A	Auto-Assist with dual acting overrunning clutch (Works in forward & reverse)	
Rear axle	N/A	Bevel Gear	
Clutch	Direct Shaft		
Differential Lock	Standard on all models for front wheels		
Final Drive	Spur Gear		
Front Axle Diameter	2.05"		
Brakes	Enclosed 4" Multi Wet Disc		
Brake Pedal	One Main Pedal (Turning Brakes Optional)		
PTO			
Hydraulic Independent	Manually Engaged Multi Wet Disc (W/Brake)		
Live-Continuous Running (1-speed)	2545 rpm @ 3000 rpm		
Rear PTO for Grass Catcher (Opt.)	3000 rpm		



F-80 SERIES BID SPECIFICATIONS

F80 SERIES			
BID SPECIFICATIONS (CONT.)			
HYDRAULICS	F2680E-F	F3080-F	F3680-F
Type	Open Center		
Pump	Gear type		
Gallons per minute	8.6 gpm		
Hydraulic Filter	Spin-on 25 micron		
Transmission Oil Cooler	N/A		Standard
Remote Valves	Two dual acting (Optional)		
Hydraulic Remote Outlet (Optional)	Block Outlet		
Implement Lift System	Hydraulic		
Hitch Cylinder	Heavy duty internal compact tractor type (2.75" bore x 3.11" stroke)		
2-Point Hitch	Standard		
Lift Capacity at Lift Points	573 lbs		
Weight Transfer System	Mechanical coil spring (adjustable)		
Steering	Hydrostatic power steering 2.5 turns lock to lock		
Feature	4 position tilt wheel		
FUEL SYSTEM			
Fuel Required	Diesel #2		
Fuel Filter	(2) Replaceable cartridge type		
Fuel Pump	Electric Bosh type 3.5 psi		
ELECTRICAL			
Electrical System	12 Volt		
Battery (Maintenance Free)	12 Volt battery 70 amp/hour		
Alternator (Dynamo)	40.0 Amp alternator		
Engine Shut-Off	Electrically activated engine stop mechanism (manual override is standard)		
Cold Temperature Start Aid	Super Glow plugs (1 per cylinder)		
Block Heater	Block heater (optional)		
Gauges	Electric Fuel / Engine Temperature / Hour meter (Tachometer optional)		
Indicator Lights	(Easy Checker™) Glow plugs, Electrical charge, Engine oil pressure		
Lights	One head light (55 w/ halogen), tail reflectors (optional)		
COOLING SYSTEM			
Radiator	Heavy duty pressurized radiator, 8 fins per inch		
Radiator Fan	Radial air flow 5 blades		7 blades
Radiator screens	(2) Screens, hood w/integrated radiator screen, secondary radiator dust screen		
SAFETY EQUIPMENT			
Maximum Noise Level at Operators Ear	88 dB(A) Engine only @ full rpm		
	Certified two post ROPS with retractable seat belt		
	Safety start switches PTO lever, brake pedal & operators seat		
	Electric key engine shut-off		
	Parking brakes on master brake pedal		
	Four wheel braking when shifted into full time four wheel drive		
	Deluxe suspension high back seat w/ 4 adjustable controls		
	Kubota Orange (highly visible)		
	Slow moving vehicle sign (optional)		
	Hazard flasher (optional equipment)		



F-80 SERIES BID SPECIFICATIONS

F80 SERIES			
BID SPECIFICATIONS (CONT.)			
DIMENSIONS	F2680E-F	F3080-F	F3680-F
ROPS (top, maximum overall height)	79.4"		
Length (Tractor only)	94.8"		
Width (Tractor only)	56.4"		
Wheelbase	52.0"		
Ground Clearance (Tractor only)	7.4"		
Mower Deck Transport Height	7.5"		
Turning Radius Left (w/o brake applied)	21": inside front tire		
Right (w/o brake applied)	21": inside front tire		
Uncut Grass Radius			
60" side discharge w/RCK60P-F36	26.8"		
72" side discharge w/RCK72P-F36	21.7"		
72" rear discharge w/RCK72R-F36	27.6"		
Standard Tire Size	F = 23 x 10.5 - 12	F = 24 x 12 - 12	
	R = 16 x 6.5 - 8	R = 18 x 9.5 - 8	
Tread Width	F = 38.4"	F = 41.8"	
	R = 34.2"	R = 41.1"	
Weight (w/o Mower Deck)	1488 lbs	1541 lbs	1581 lbs
Std. Weight on Tractor	65 lbs		
Opt. Weight BL8060-1	55 lbs each (Total of 4)		
TRAVELING SPEEDS (With standard tires)			
Direction	High Range		Low Range
Forward	0 – 12.5 mph		0 - 5.6 mph
Reverse	0 – 6.8 mph		0 - 3.0 mph



F-80 SERIES BID SPECIFICATIONS

F80 SERIES			
BID SPECIFICATIONS (CONT.)			
PERFORMANCE MATCHED IMPLEMENTS	F2680E-F	F3080-F	F3680-F
Quick Attach Implements (Optional)	Snowblower Front Blade Debris Blower Front Mount Sweeper		
TRACTOR ACCESSORIES (Optional)			
	Low Dump Grass Catcher Hard Cab Remote Hydraulic Kit Remote Hydraulic Valves Subframe Mounting Kit Extra Rear Weights Front Wheel Weights (Specific Tires) Sunshade Gauge Wheel Kit Block Heater Hazard Light Kit Worklight Kit Engine Tachometer Kit Cruise Control Kit Turn Assist Brake Kit (not compatible with hard cab) Mulching Kits		
INSTRUCTION IDENTIFICATION			
	Permanently installed English and Spanish instructions, diagrams and decals to ensure efficient operation and servicing with maximum safety.		
PRODUCT SUPPORT			
	Bilingual (English and Spanish) Operators Manual comes with new tractor purchase. Parts and Service manuals are available at minimal cost.		
WARRANTY			
Residential (private homeowner)	24 Months		
Any other usage	24 Months		



F-80 SERIES BID SPECIFICATIONS

F80 SERIES MOWERS				
BID SPECIFICATIONS				
DESIGN	RCK60P-F36	RCK72P-F36	RCK60R-F36	RCK72R-F36
Construction	7 Gauge	7 Gauge	7 Gauge	7 Gauge
Offset			Centered	Centered
Drive method	Shaft driven			
Spindles	(3) 1" carried in (2) greasable tapered bearings			
Pulleys	Extra long life cast iron (Double V)			
Casters	(2) Heavy duty pneumatic 9.0 x 3.5 - 4 wheels			
Anti-Scalp Rollers	1 – Front 2 – Rear		---	---
Blades (Heat treated steel)	20.37"L x 2.5"W x .250T	24.61"L x 2.5"W x .280T	20.37"L x 2.5"W x .250T	24.37"L x 3.0"W x .250T
Belt	(Multi-belt) double V belt w/common backing			
Attachment	Quick attach four pin design, w/ quick attach PTO			
Cutting Height	1" ~ 5.0" in 1/4" increments			
Cutting Height Adjustment	Pin adjustable gauge wheels			
Blade Tip Speed	16300 (FPM)	17350 (FPM)	16300 (FPM)	17350 (FPM)
Deck servicing (Tilt-up design)	Tilts 90°	Tilts 90°	Tilts 90°	Tilts 90°
Total Width	72.5" w/chute down	88.5" w/chute down	63.8"	75.5"
Cutting Width	60.0"	72.0"	60.0"	72.0"
Mowing Capacity @ 5 mph	2.6 acres per hr.	3.1 acres per hr.	2.6 acres per hr.	3.1 acres per hr.
Discharge Direction	Right Side	Right Side	Across the rear	Across the rear
Mulching Kit (Optional)	Bolt in with blades			
Lift Assist Mechanism	N/A	Standard	N/A	Standard
Performance Baffle Kit (Optional front baffle)	Option	Option	N/A	N/A

Specifications subject to change without notice.