

GF SERIES		
BID SPECIFICATIONS		
ENGINE	GF1800E	GF1800
Make and Model	Kubota, D722 EFM	
Type Liquid Cooled Diesel	3 Cylinder	
	E-TVCS indirect injection diesel engine LOW EMISSIONS	
Engine hp (gross) @ 2600 rpm	18 hp (13.4 kW)	
Bore and Stroke	2.60" x 2.70" (67mm x 68mm)	
Displacement	43.9 cu in (719 cc)	
Compression Ratio	23 : 1	
Lubrication	Forced lubrication high output gear pump	
Cooling System	Pressurized radiator forced flow to the rear	
Air cleaner	Single Paper Element w/precleaner	
Governor type	Ball weight type	
Fuel injection pump	Self bleeding inline piston pump	
Fuel consumption (per hour @ 2700 full load)	1.20	
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	5.3 gal (20 liters)	
Cooling System	3.5 qts (3.3 liters)	
Engine Oil	3.2 qts (3.0 liters)	
Transmission and Differential	6.1 qts (5.7liters)	
Rear axle housing	2.43 qts (2.2 liters)	
DRIVE TRAIN		
Tractor Chassis	Heavy duty C channel construction	
Transmission	Hydrostatic	
Drive wheels	2 Wheel Drive / Diff Lock	2 / 4 Wheel Drive
Rear wheel drive method (Shift on the fly)	On-Demand with dual acting overrunning clutch (Works in forward & reverse)	
Rear axle	Spur gear	
Clutch	No drive clutch (Direct to hydrostat)	
Differential Lock	Standard	Not Available
Final Drive	Beval Gear	
Front Axle diameter	N/A	
Brakes	Internal Expanding Shoe	
Brake pedal	One main pedal	
PTO		
Hydraulic independent	Manually engaged Multi wet disc (w/brake)	
Live-Continuous Running (1-speed)	2604 rpm @ 3200 rpm 1" SAE #10 spline	
Rear PTO for grass catcher (Option)	N/A	

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HYDRAULICS	GF1800E	GF1800
Type	Open Center	
Pump	Vane type	
Gallons per minute	2.6 gpm (9.9 liters/min)	
Hydraulic filter	Spin-on 25 micron	
Transmission Oil cooler	N/A	
Remote valves	N/A	
Hydraulic Remote Outlet (Optional)	N/A	
Implement Lift System	Hydraulic	
Hitch cylinder	Heavy duty internal compact tractor type	
2-Point Hitch	Standard	
Lift capacity At Lift Points	308 lbs (140 kg)	
Weight transfer system	Mechanical coil spring (adjustable)	
Steering	Manual gear / sector	
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	
Fuel consumption (per hour @ 2700 full load)	1.20	1.32
ELECTRICAL		
Electrical system	12 Volt	
Battery (Maintenance Free)	12 Volt battery 45 amp/hour	
Alternator (dynamo)	13.0 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	Fuel / Engine Temperature / Hour meter (Tachometer optional)	
Indicator lights	(Easy Checker™) Glow plugs, Electrical charge, Engine oil pressure	
Lights	One head lights (w/high, low), tail reflectors (optional hazard light)	
COOLING SYSTEM		
Radiator	Heavy duty pressurized radiator 4 fins per inch	
Radiator Fan	Radial airflow 4 blade	
Radiator screens	2 Screens, large fully enclosed air intake screen (secondary radiator dust screen)	

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SAFETY EQUIPMENT	GF1800E	GF1800
	Certified two post ROPS with retractable seat belt (Sun shade optional)	
	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 adjustable high back seat	
	Kubota Orange (Highly visible)	
	Slow moving vehicle sign (Standard)	
	Hazard flasher (Optional equipment)	
	Flat Operator Deck	
	Operator Presence Control	
DIMENSIONS		
ROPS (top, maximum overall height)	71.7" (with std tires)	
Length (Tractor only)	76.8" (1950 mm)	
w/RC48R-F30 48" mower	93.0" (2363 mm)	
w/RC54-F19 54" mower	91.7" (2330 mm)	
w/RC60-F19 60" mower	93.1" (2366 mm)	
Width (Tractor only)	38.0" (965 mm)	
w/RC48R-F30 48" mower	49.0" (1244 mm)	
w/RC54-F19 54" mower (shield down)	68.4" (1737 mm)	
w/RC54-F19 54" mower (shield up)	57.0" (1448 mm)	
w/RC60-F19 60" mower (shield down)	73.4" (1864 mm)	
w/RC60-F19 60" mower (shield up)	63.0" (1600 mm)	
Wheelbase	33.5" (850 mm)	
Ground Clearance (Tractor only)	4.0" (101 mm)	
Mower deck transport height	5.0" (126 mm)	
Turning Radius Left turn 2WD	12.2" Inside Left Tire	13.9" Inside Left Tire
4WD	----	17.3" Inside Left Tire
Uncut grass radius w/48" mower (Left side)	33.0"	40.7"
Uncut grass radius w/54" mower (Left side)	25.6"	32.7"
Uncut grass radius w/60" mower (Left side)	23.0"	30.2"
Wheel rims	Stamped and welded	
Standard Tire Size Front	20 x 10.0 - 8	
Rear	16 x 6.50 - 8	
Tread Width	F - 28.5" (724 mm)	
	R - 30.5" (775 mm)	R - 31.3" (795 mm)
Weight (w/o mower deck)	885 lbs (402 kg)	963 lbs (438 kg)
TRAVELING SPEEDS (With standard tires)		
DIRECTION	HIGH RANGE	
FORWARD	13.5 km/h (0 - 8.4 MPH)	
REVERSE	6.5 km/h (0 - 4.1 MPH)	

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PERFORMANCE MATCHED IMPLEMENTS	GF1800E	GF1800
	Snowblower Front Blade Grass Catcher Front Mount Sweeper Rear Discharge Mower	
TRACTOR ACCESSORIES		
	Front Axle Extensions (Std tire compatibility) Suspension Seat Block Heater Mulching Kit Chrome Wheel Cover Implement Assist Spring Kit (GF1800 4W only) Anti-Scalp Roller Kit Sunshade for ROPS Block heater Mulching kits	
INSTRUCTION IDENTIFICATION		
	Permanently installed English instructions, diagrams and decals to ensure efficient operation and servicing with maximum safety.	
PRODUCT SUPPORT		
	Operators Manual comes with new tractor purchase.	
	Parts and Service manuals are available at minimal cost.	
WARRANTY		
Non commercial use	24 Months / No Hour Limit & Purchasable Powertrain Plan up to 36 months/ No hour limit	
Commercial use	24 Months / No Hour Limit	

GF SERIES MOWERS				
BID SPECIFICATIONS				
DESIGN:	RC48-F19	RC54-F19	RC60-F19	RC48R-F30
Construction	10 Gauge		10 Gauge	7 Gauge
Reinforcement (Bumpers)	1/2 " rolled lip front/side			
Offset	N/A		N/A	N/A
Operating weight	209lbs.	247 lbs.	275 lbs.	345 lbs
Drive method	Shaft driven			
Spindles	(3) 1" carried in (2) greasable roller bearings			(3) 1" carried in (2) greasable tapered bearings
Pulleys	Extra long life cast iron (Double V)			Extra long life cast iron
Casters Gauge Wheels	8" x 2.5 - 4			9" x 3.5 - 4
Anti-scalp rollers	(3) total all 3.0" dia. x 4 1/2" long			(3) total all 3" dia x 4 1/2" long
Blades (Heat treated steel)	18.7"L x 2.5"W x .250T	20.6"L x 2.5"W x .250T		16.6"L x 2.5"W x .250T
Belt	(Multi-belt) double V belt w/common backing			(Single) heavy duty V belt
Attachment	Quick attach four pin design, w/ quick attach PTO			
Cutting Height	25 to 102mm (1.0" ~ 4.0" in 1/2" increments)			
Cutting Height Adjustment	Pin adjustable gauge wheel w/hangers and spacers			
Blade Tip Speed	15930 (FPM)		15930 (FPM)	15576 (FPM)
Deck servicing	Tilts 35°		Tilts 30°	Tilts 35°
Noise level @ full engine RPM	88 dB(A)		88 dB(A)	87 dB(A)
Total width	60.4in. (1,535mm)	68.5" w/chute down	73.5" w/chute down	50.5"
Cutting width	48.0"	54.0"	60.0"	48.0"
Mowing capacity @ 5 mph	2.3 Acres per hr		2.6 Acres per hr	2.05 Acres per hr
Discharge direction	Right side		Right side	Across the rear
Mulching kit (optional)	Bolt in with blades		Bolt in with blades	N/A