

OPERATING INSTRUCTION FOR MULTI SEEDER

Kubota

Agri-Innovation For The Future

MS360

SOIL PREPARATION BEFORE OPERATING

To obtain the multi seeder best performance, the soil should be prepared before operating as follows:



Field	Clean field					Residue field				
	Option	Disc Plow	Disc Harrow	Trailing Harrow	Rotary	Option	Disc Plow	Disc Harrow	Trailing Harrow	Rotary
Sandy, Silty loam, Loamy	I	1	2			I	1	2		3
	II	1		2		II	1		2	3
	III	1			2	III	1			2 3
	IV		1 2			IV		1 2		3
	V			1 2		V			1 2	3
	VI			1	2	VI			1	2 3
Clay	I	1	2		3	I	1	2		3
	II	1		2	3	II	1		2	3
	III	1			2 3	III	1			2 3
	IV		1 2		3	IV		1 2		3
	V			1 2	3	V			1 2	3
	VI			1	2 3	VI			1	2 3

1 : First tilling, 2 : Second tilling, 3 : Third tilling

NOTE: Before using MS360, the soil should be prepared into a proper condition by following the instruction. If not, it may affect the efficiency and durability of the multi seeder.

Clay soil and/or residue field follow the same soil preparation.

Example for clean / residue field



Clean field



Residue field

Important

- This multi seeder cannot work in the black clay and red clay soil without adequate soil preparation. Rotary is important for last prepared and the area that contains rocks or pebbles which larger than 5 cm.
- A neglected area or wilderness must be prepared by removing the grass out of the plot. If the ridger disc or ridger blade is bound with grass, remove the grass before continuing the operation.
- If there is a big rock, remove the rock out of the land to prevent the equipment from getting damage and to obtain the effective seeding.
- Always check for soil that may be stuck at the seed exit
- Recommended to work in low moisture conditions to prevent the soil stuck at the ridger.

OPTIMIZING PRODUCTIVITY

TRANSFORM THE LANDSCAPE



Cassava Planter

Corn Seeder

Rotary Slasher

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**KUBOTA TRACTOR
IMPLEMENTS**

Rotary Slasher | SX135 / SX145



A heavy duty tractor implement designed for slashing wild farm grass, weeds, anchored straw and thick lawn bushes.

Suitable Tractors:

L4018 (SX135)
L5018 (SX145)

Specifications:

Model		SX135	SX145
Dimension	Length (mm)	1475	1555
	Width (mm)	1365	1445
	Height (mm)	895	
Weight	(kg)	200	310
Gear Case Driving Sytem		Spiral Bevel Gear	
Gear Ratio		1:1.7	
Blade Rotation Speed	(rpm)	900	
PTO Rotation Speed	(rpm)	540	

Disc Harrow | DH225E/ DH226E / DH245-6F / DH266JW



A tractor implement that is used for second tillage operations to achieve optimum soil condition before planting.

Suitable Tractors:

L3608 and L4018 (DH225E/DH226E)
L5018 (DH245-6F)
M7040 (DH266JW)

Specifications:

Model		DH225E/ DH226E	DH245-6F	DH266JW
Disc Size	(inch)	22	24	26
Number of Discs	pcs	5	5-6	6
Weight	(kg)	305	398	530
Dimension	Length (mm)	1970	1335	2369
	Width (mm)	1460	2189	1804
	Height (mm)	978	1058	1331

Disc Plow | DP224E / DP224F / DP263J / DP264L



A tractor implement designed to work in all types of soil for first tillage operations such as soil breaking, raising, turning and mixing.

Suitable Tractors:

L3608 and L4018 (DP224E) M7040 (DP263J)
L5018 (DP224F) M9540 (DP264L)

Specifications:

Model		DP224E	DP224F	DP263J	DP264L
Disc Size	(inch)	22		26	
Number of Disc	pcs	4		3	4
Working Depth	(mm)	150-200		250	300
Weight	(kg)	310	315	487	590
Dimension	Length (mm)	2320	2302	2340	2744
	Width (mm)	1130	1320	1243	1366
	Height (mm)	1065	1034	1273	1333

Rotary Tiller | KRX71PH / FL1021C / KRX166 / KRX176 / KRX194 / RX220GA / RM220



A tractor implement used to convert hard layers of the soil into perfect seedbed by mixing it until it is fine enough for planting.

Suitable Tractors:

KRX71PH (B2140S) KRX166 (L3228, L4018, L4028) MU5702 (RX220GA)
FL1021C (B2440S) KRX176 (L4018, 4028) M7040 (RM220)
KRX194 (L5018, L5028)

Specifications:

Model		KRX71PH	FL1021C	KRX166	KRX176	KRX194	RX220GA	RM220
3-Point Link		CAT .1-3 point linkage			Standard 3-point linkage (CAT .1 pin size)			Standard 3-point linkage (CAT .2 pin size)
Drive		Side Drive (Chain)						
Dimension	Length (mm)	905	950	930	950	1000	904	
	Width (mm)	900	1190	1816	1928	2141	2305	
	Height (mm)	928	925	1030	1020	1071	1176	1191
Weight (including universal joint)	(kg)	160	195	296	320	429	440	430
Width of Tilling	(mm)	716	1016	1558	1663	1863	2105	2120
Number of Blades	pcs	8 each for right and left			16 each for right and left		18 each for right and left	33 each for right and left
Revolution of Blade Shaft	(rpm)	184 / PTO 540 324 / PTO 980	167 rpm/PTO 540 rpm (2.78 r/s/PTO 9.0 r/s)	221 / PTO 540 307 / PTO 750		231 / PTO 540 321 / PTO 750		232/ PTO 540

Rotary Harrow | RH241

Revolutionize rice cultivation with this secondary tillage tractor implement, rendering hand tractors obsolete as this implement produces finer soil sizes, effectively incorporate weeds and crop residues and level the field, all achieved in one or two passings; especially designed for wet field conditions.

Suitable Tractors:
L4018 and **L5018** (RH241)

Specifications:

MODEL NAME		RH241
Working	Width (mm)	2400
Leveling	Width (mm)	3200
Harrow Depth	(mm)	80-100
Shaft, Blade Speed [PTO 540 rpm]	(rpm)	302
Lifting Height	(mm)	490
Weight (U-joint excluded)	(kg)	400

Bed Former | BFK612 / BFK615

Save time and reduce costs effortlessly with this implement designed for vegetable growers, featuring adjustable widths and effortless installation with rotary tillers KRX193/KRX175 models, ensuring quality plots and streamlining the planting process.

Suitable Tractors:
L4018 (BFK612)
L5018 (BFK615)

Specifications:

Model		BFK612	BFK615
Dimension	Length (mm)	1908	2130
	Width (mm)	482	
	Height (mm)	835	853
Weight	(kg)	110	116
Available Bed Size	cm	W60, W80, W100, W120	W60, W80, W100, W120, W150

Front Dozer | FD164E / FD186F / FD203G / FD206J

A tractor implement that is widely used for soil cutting, spreading and leveling.

Suitable Tractors:
L4018 (FD164E) **MU5702** (FD203G)
L5018 (FD186F) **M7040** (FD206J)

Specifications:

Model		FD164E	FD186F	FD203G	FD206J
Weight	(kg)	389	420	537	750
Blade Length	(mm)	1615	1830	2034	2030
Blade Height	(mm)	490	520	534	540
Height from floor to blade (when at max. lift height)	(mm)	270	590	375	395
Blade Position Control		Hydraulic (Control Value Controller on the Tractor)			

Corn Seeder | MS360

A reliable and precise four-rows tractor-mounted corn seeder with fertilizer applicator for streamlining corn planting operations.

Suitable Tractors:
L4018 and **L5018** (MS360)

Specifications:

Model		MS360
Dimension	Weight (mm)	3070
	Length (mm)	1370
	Height (mm)	1200
Transmission	Drive System	Ground Wheel
	Sprocket ratio of seeding	1:01
	Sprocket ratio of fertilizing	1:01:06
3P Hitch		Standard 3P Hitch
Seedling Unit	Number of row	4 row
	Planting row pitch (mm)	500 - 700
	Seedling type	Disc Type
	Hopper Capacity	20kg (5kg x 4)
Fertilizing Unit	Monitoring window on seed hopper	Equipped (at all hopper)
	Hopper Capacity	50kg (50kg x 1 unit)
	Hopper Material	Stainless steel
	Monitoring window on fertilizer hopper	Equipped (at front RH side)
Marker for support connecting line easily		Equipped
Weight		260

Cassava Planter | CP200F

Achieve precision and efficiency in cassava planting with this lightweight implement, perfectly balanced with MU5702, M7040 and M9540 tractor models; capable of planting two rows in one pass, equipped with a fertilizer applicator and bed former for optimal results.

Suitable Tractors:

MU5702, M7040 and M9540 (CP200F)

Specifications:

Main Specification			CP200F
Work Quality	Planting row number		Double
	Stem cutting length		250
	Planting pitch adjustment		500 / 600 / 700 / 800
	Planting depth	Rainy Season (mm)	100
		Dry Season (mm)	130
	Planting angle		≤15
	Ridge height / width	mm	300
	Fertilizer rate	kg/ha	25/50
Field Capacity	Numbers of operator	Driver + Feeders	1+2
	Fuel consumption	L/ha	8.125-10.625
	Working capacity	ha/day	3.2



Front Loader | FL508 / FL588

An implement built for the task of moving solid and bulky agricultural materials. It can also be used to dig and grade soil.

Suitable Tractors:

L4018 (FL508)

L5018 (FL588)

Specifications:

Model		FL508	FL588
Type of Bucket		Agriculture	
Lifting	height (mm)	3220	3275
Max. Allowable Load	(kg)	400	450
Width	(mm)	1500	1800



Sugarcane Planter | SP420 / SP920

A tractor mounted implement with a unique metering mechanism for planting sugarcane billets directly into the field.

Suitable Tractors:

L5018 (SP420)

M9540 and M108S (SP920)

Specifications:

Model		SP420	SP920
Implement Work		Planting sugarcane stem with double row	
Sugarcane Capacity	(kg)	450	850
Fertilizer Tank Capacity	(kg)	50	
Dimension	Length (mm)	2020	2090
	Width (mm)	1520	1874
	Height (mm)	2130	2245
Body Weight	(kg)	500	933



Sugarcane Grabber | SGB470

A tractor implement designed for the efficient and safe handling of sugarcane in sugar mills and plantations.

Suitable Tractors:

L5018 (SGB470)

Specifications:

Model		SGB470
Weight (kg)		1080
Grabbing	Weight (kg)	250
	Width (mm)	1428
	Height (mm)	3200

