# **OPERATING INSTRUCTION FOR MULTI SEEDER**

Kubota

MS360

#### SOIL PREPARATION BEFORE OPERATING

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



Field			Clean field	d		Residue field				
Soil Type	Option	Disc Plow	Disc Harrow	Trailling Harrow	Rotary	Option	Disc Plow	Disc Harrow	Trailling Harrow	Rotary
	- 1	0	0			1	0	8		0
Sandy,	II	0		0		П	0		0	0
Silty loam,	III	0			0	III	0			<b>00</b>
Loamy	IV		00			IV		00		8
	٧			00		V			00	3
	VI			0	0	VI			0	<b>28</b>
_		0	2		0	1	0	0		3
	II	0		2	8	II	0		2	0
Clay	III	0			<b>00</b>	III	0			<b>8</b>
J,	IV		00		0	IV		00		0
	٧			00	8	v			00	0
	VI			0	28	VI			0	28

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







**Authorized Dealer:** 

## 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	
	Length (mm)	1475	1555
Dimension	Width (mm)	1365	1445
	Height (mm)	89	5
Weight	(kg)	200	310
Gear Case Driving Sytem		Spiral Be	vel Gear
Gear Ratio	1:1	.7	
Blade Rotation Speed	90	0	
PTO Rotation Speed	54	0	

## 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)	2	2	2			
Number of Disc	pcs	4		3	4		
Working Depth	(mm)	150-200		250	300		
Weight	(kg)	310	315	487	590		
	Length (mm)	2320	2302	2340	2744		
Dimension	Width (mm)	1130	1320	1243	1366		
	Height (mm)	1065	1034	1273	1333		

## 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:**

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

# 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) FL1021C (B2440S) KRX166 (L3228, L4018, L4028) KRX176 (L4018, 4028)

MU5702 (RX220GA) M7040 (RM220)

**Specifications:** 

KKAI/U	(14010, 4020)
KRX194	(L5018, L5028)

	26-1	149 3 1 9 3	N38 D E 88 D	1000				
Model		KRX71PH	FL1021C	KRX166	KRX176	KRX194	RX220GA	RM220
3-Point Link		CAT .1-3 p	1-3 point linkage Standard 3-p (CAT .1 p					point linkage pin size)
Drive				Sid	e Drive (Chai	n)		
	Length (mm)	905	950	930	950	1000	9	04
Dimension	Width (mm)	900	1190	1816	1928	2141	23	05
	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 righ tand 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.

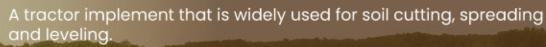
## Suitable Tractors:

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				

## Front Dozer | FD164E / FD186F / FD203G / FD206J



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 (C	ontrol Value	Controller on	the Tractor	

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

## 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:**

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

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

## 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	1/4/2	SP420	SP920	
Implement Work		Planting sugarcane stem with double row		
Sugarcane Capacity (kg)		450	850	
Fertilizer Tank Capacity	(kg)	50		
	Length (mm)	2020	2090	
Dimension	Width (mm)	1520	1874	
	Height (mm)	2130	2245	
Body Weight (kg)		500	933	

## 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.

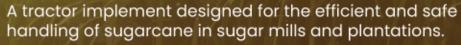
#### **Suitable Tractors:**

**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 Grabber | SGB470



Suitable Tractors: L5018 (SGB470)

## **Specifications:**

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

