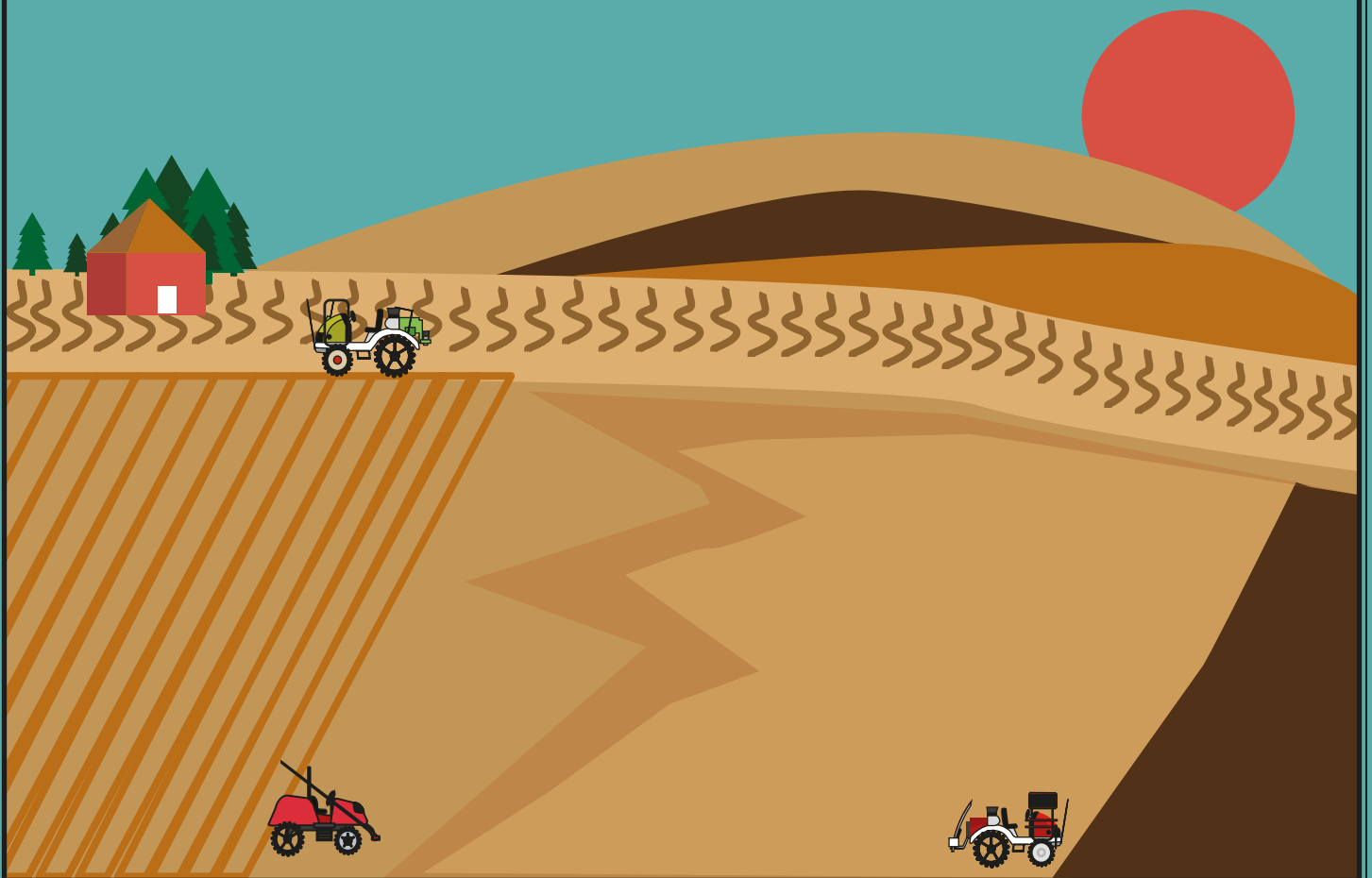




FITCOREA TRADING PHILS INC.

AGRICULTURAL MACHINERY CATALOGUE IN PHILIPPINES





About us

A First Class Korean corporate company duly organized and existing under the laws of the Republic of the Philippines providing quality and affordable machineries to Filipino harvesting, drying, and milling.

Our Commitment

The foremost among these reasons is that farming income is low and it requires hard work under the scorching heat of the sun. In this event, the young ones would rather work in offices with high tech gadgets. Older people cannot work their farms without help and thus, they will be needing machinery. Yes, they are victims of this sad reality. They are working day and night to save money to buy farm machineries and implements. However, since their farm income is not enough, they prefer to buy cheaper one with poor quality. As a result, the machines cannot be utilized for optimum results and they break down due to poor quality. Alas, the investment was just for nothing and they sadly have to do manual system of farming again.



Our Mission

To help farmers to have a better income, less work but more profit through farm mechanization. Farmers will no longer spend their time and effort working in the field and it will enhance productivity and increase cropping intensification. It increases income for agricultural workers and then improves social equality and overall living standards.

Our Vision

To be a major supplier of high tech farm machineries at reasonable prices to the small farmers with dealers nationwide. We will provide quality service and training to our small farmer organizations that will operate common service facilities.

Contents

I. Tillage and Land Preparation Work

- Tractors
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- Leveler
- Levee Banking Machine
- Underground Crop Harvester

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- Power Weeder

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- Power Transport Vehicle
- Multi-Purpose Agricultural Dryer

VI. Poultry and Livestocks

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- Long Distance Wide Range Sprayer

VII. Others

- Fuel Injector

I. Tilage and Land Preparation Work

Tractors

- Features : Consists of power system with a diesel engine installed, electromotive [transmission] system, control system, steering system, traction system, power take-off system.
- Purposes : Used for farming and livestock raising, such as cultivating, preparing soil, seeding, spraying, and harvesting, by installing onto a tractor or power take-off system.



BRANSON 5825R



BRANSON F42R



BRANSON 6225R



BRANSON F50R



BRANSON K78R

Specifications:

Models	Series	F Series		K Series	25R Series	
	Trade Name	Branson F42R	Branson F50R	Branson K78R	Branson 5825R	Branson 6225R
Engine	Type	Vertical 4 Cycle, Water Cooled, Diesel				
	Displacement (cc)	1,500	2,287	3,409	3,409	2,286
	Aspiration	Turbocharged	Natural	Turbocharged	Turbocharged	Turbocharged
	Combustion System	Swirl Chamber	Swirl Chamber	Direct Injection	Swirl Chamber	Swirl Chamber
Air Cleaner				Dry, Element		
Transmission	Main Shift	SynchroMesh	Synchro	SynchroMesh	SynchroMesh	SynchroMesh
	Reverse Method	SynchroShuttle		PowerReverser	PowerReverser	PowerReverser
	Gear Shift	12F/12R		16F/16R (Creep)	16F/16R (Creep)	12F/12R
	On-the-Go Shifting (Yes/ No/ Partial)	Partial		Yes (Shuttle)	Partial	Yes , No
	Clutch			Dry Single Plate		
Brake				Wet, Multidisc		
Rear P.T.O.	Independent Type	6 Spline shaft	6 Spline shaft	6 Spline shaft	6 Spline shaft	6 Spline shaft
	Speed (rpm)	560 / 780	560 / 760	540/ 750/ 1,000	584 / 791	584 / 1,088
Hydraulics	No. of Ports	8; 4 (Front), 4 (Rear)	8; 4 (Front), 4 (Rear)	8; 4 (Front), 4 (Rear)	8; 4 (Front), 4 (Rear)	8; 4 (Front), 4 (Rear)
Steering	Category	Hydrostatic		Hydrostatic	Hydrostatic	
Electrics	Generator	12V / 50Ah	12V / 50Ah	12V / 75Ah	12V / 50Ah	12V / 50Ah
Tires	Front/ Rear	8-16, 12.4-24	7-16 / 11.2- 24	11.2-24 / 16.9-30	9.5-16 / 13.6-26	9.5-16 / 13.6-26
Dimensions	Overall Length (mm) (Front weight - 3PL)	3,429	3,439	3,880	3,511	3,511
	Overall Width (mm)	1,450	1,450	1,893	1,625 ~ 1,828	1,650
	Overall Height (mm)	2,643	2,546	2,620	2,530	2,500
	Wheelbase (mm)	1,670	1,670	2,200	2,489	1,809
	Ground Clearance (mm)	335	335	488	322	399
	Weight (kg)	1,450 (With Front Weight)	1,250	2,535	1,742	1,742
Options		Front Weight (17 x 6) kg		Front Weight (20x 6) Base Weight (70) kg	Front Weight (17kg x 6) Rear Wiper	Front Weight (17kgx 6)

Manufacturer

► Branson

• Tractor Implements

Rotavators

- Features : Tractor a cultivator attached, harrows ploughed soil by rotating blades at a high speed attached to the main axis after connecting with power of the body.
- Purposes : Harrowing a paddy, field or preparing pavements for seeding or transplanting.



Specifications:

Type	Model	Body (mm)			Weight (kg)	Flange (pcs)	Blade (pcs)	Tilling Width (mm)	Tractor HP	
		Width	Length	Height						
LSG Series	WR	LSG	1000	950	1180	215	4	24	1000	18~22
			1250			235	22~32			
			1350			245	30	1350	22~35	
			1450			255	36	1450	25~38	
			1550			280	6	1550	30~40	
			1650			290	36	1650	32~40	
LSGW Series	WR	LSGW	1550	950	1180	353	6	36	1550	34~40
			1650			364	36	1650	35~42	
			1750			383	7	1750	35~45	
			1850			390	42	1850	40~50	
			1950			395	48	1950	42~65	
			2000			425	8	2000	45~70	
	2150	440	9	2150	45~80					



Center Conversion Gear	Side	
	540rpm	1000rpm
19~16	134	248
18~17	150	278
17~18	168	312
16~19	189	350

• Default Setting

Type	Model	Body (mm)			Weight (kg)	Flange (pcs)	Blade (pcs)	Tilling Width (mm)	Tractor HP	
		Width	Length	Height						
SGW Series	WR	SGW	1650	950	1180	415	6	36	1650	35~42
			1750			420	7	1750	35~45	
			1850			430	42	1850	40~50	
			1950			435	48	1950	42~65	
			2000			465	8	2000	45~70	
			2150			480	9	2150	45~80	
			2300			510	54	2300	47~85	
			2500			548	10	2500	58~120	

Center Conversion Gear	Side	
	540rpm	1000rpm
19~16	134	248
18~17	150	278
17~18	168	312
16~19	189	350

• Default Setting

Manufacturer

► Wecan

• Tractor Implements

Plow

- Features : Attachment for tractor, a cultivator, and a small cultivator cuts, turns and crushes soil by installing onto the body. Comes in double-use, mold board, disc or furrow types.
- Purposes : Farmland cultivation



WDP Series

Specifications:

Model		WDP40 (Manual)	WDP60	WDP80	WDP100	WDP120
Machine Dimensions	Length (mm)	1505	1505	1505	1505	1505
	Width (mm)	1700	1800	2300	2830	3370
	Height (mm)	1320	1320	1320	1320	1320
	Weight (kg)	520	640	680	760	800
Qty		4 + 2	6 + 2	8 + 2	10 + 2	12 + 2
Tilling Width		1700	1800	2300	2830	3370
Power		40	45 ~ 55	65 ~ 90	100 ~ 110	120

Manufacturer

► Wecan

Leveler

- Features : Is a tractor-operated implement and consists of share point, share, mould board, landslide, frog, shank, frame and hitch system.
- Purposes : Smoothing and shaping the field surface is as important to the surface system as the design of laterals, manifolds, risers and outlets is for sprinkler or trickle irrigation systems.



LEVELER

Specifications:

Leveling width (m)	4
Type	Hook type, foldable left and right arm
Tractor HP	40 HP - 95 HP

• Tractor Implements

Front Loader

- Features : Consists of power hydraulic system with a diesel engine installed or using a tractor.
- Purposes : Is a implement of machine that is used for digging. The digging bucket is present at the end of a two-part articulated arm.



HL-1800

Specifications:

Maximum Lift Height to Pivot Pin (mm)	2,557
Maximum Lift Height Under Level of Bucket (mm)	2,269
Clearance with Bucket Dumped (mm)	1,838
Reach at Maximum Lift Height (mm)	276
Maximum Dump Angle (°)	47.0
Reach with Bucket on Ground (mm)	1,693
Maximum Rollback Angle (°)	47.5
Digging Depth below Grade (mm)	120
Bucket Depth (mm)	512
Bucket Height (mm)	496
Bucket Length (mm)	717
Bucket Width (mm)	1,458
Lift Capacity to Maximum Height at Pivot Pins (kgf)	959
Breakout Force at Pivot Pin (kgf)	2,020
Bucket Rollback Force at Gound Line (kgf)	738
Bucket Capacity (m ³)	0.32
Bucket Cylinder (mm)	35x60x674x363ST
Bucket Rollback Time (sec)	948
Bucket Dumping Time (sec)	1,602
Boom Cylinder (mm)	35x60x667x435ST
Boom Raising Time (sec)	4.0
Boom Lowering Time (sec)	2.6
Maximum Pressure (Governing Loader Operation) (bar)	4.0
Rated Flow (l/min)	2.6

Manufacturer

► **Hanil**

• Tractor Implements

Back hoe

- Features : Consists of power hydraulic system with a diesel engine installed or using a tractor.
- Purposes : The digging bucket is present at the end of a two-part articulated arm.



BL25RB1

Specifications:

Digging Depth (mm, ")	2,029	79.9 "	Angle of Departure (°)	178	178
Reach from Center Line of Swing Pivot (mm, ")	3,348	131.8 "	Bucket Cylinder digging force (kgf, lbs)	1,332	2,937
Loading Height - Bucket at 60° (mm, ")	2,935	115.6 "	Dipperstick cylinder digging force (kgf, lbs)	761.2	1,678
Transport Overhang (mm, ")	1,315	51.8 "	Maximum Leveling Angle (mm, ")	3,027	119.2 "
Transport Height- Maximum (mm, ")	1,196	47.1 "	Bucket Rotation (mm, ")	1,866	73.5 "
Recommended Tractor HP (HP)	25 - 45		Swing Arch (mm, ")	2,430	95.7 "

Cylinder	Bore DIA		Retracted Length		Stroke		Rod DIA	
Boom	70 mm	2.8 inches	636 mm	25 inches	386 mm	15.2 inches	40 mm	1.6 inches
Bucket	60 mm	2.4 inches	596 mm	23.5 inches	355 mm	14.0 inches	35 mm	1.4 inches
Dipperstick	60 mm	2.4 inches	632 mm	24.9 inches	369 mm	14.5 inches	35 mm	1.4 inches
Swing	60 mm	2.4 inches	125 mm	5.0 inches	241 mm	9.5 inches	35 mm	1.4 inches
Stabilizer	60 mm	2.4 inches	446 mm	17.6 inches	262mm	10.3 inches	35 mm	1.4 inches

Manufacturer

► **Hanil**

Hole Digger

- Features : Is a tool consisting of two articulated shovel-like blades, forming an incomplete hollow cylinder about a foot long and a few inches wide, with two long handles that can put the blades in an "open" (parallel) position or a "closed" (convergent) position.
- Purposes : Used for fencing hole, walls and holes for signs.



HOLE DIGGER

• Tractor Implements

Underground Crop Harvester

- Features : Automatic, tractor and cultivator-attachment, harvests underground crops, separating soil attachment to the crops through vibration.
- Purposes : Harvesting underground crops [potatoe, sweet potatoes, carrots, radishes, garlic and onion].

Specifications:

Model		BG-1200H	BG-1500H	BG-1400N
Machine Dimensions	Length (mm)	1,615	1,615	1,620
	Width (mm)	1,500	2,040	1,650
	Height (mm)	1,140	1,140	1,090
	Weight (kg)	270	310	325
Ridge Width (mm)		1,200	1,500	400 ~ 1,200
Require Power (hp)		40 ~ 50	40 ~ 50	40 ~ 55
Applicable		Garlic, Onion, Ginger, etc..		



BG-1500H

Manufacturer

▶ Bulls

Levee Banking Machine

- Features : Tractor or small cultivator-attached, makes ridges by cutting, removing and compacting soil using power of the body.
- Purposes : Banking levee

Specifications:

Model	Length	Width	Height	Weight (Kg)	Tractor (Hp)
SB- 1000S	1,300	2,100	950	204	26 – 100 PS



SB-1000S

Manufacturer

▶ SungBoo

II. Transplanting • Seeder Work

Nursery Tray

- Features : Ideal for Starting seeds and Transplanting Seedling.
- Purposes : Is a gardening tool specifically designed to hold multiple seeds, starting from the germination stage, until the seedlings are ready for transplantation. Using such a tray ensures better nutrient availability for each seed, and eliminates the need for multiple plantings.



Nursery Tray

Manufacturer

► Nara

Automatic Seed Conveyor

- Features : Exclusively for seeding, an integrated system of placing soil in a seedling box, seeding and soil covering using power.
- Purposes : Making bed soil for seeding

Specifications:

Machine Dimensions	Length (mm)	4,150
	Width (mm)	600
	Height (mm)	1,020
	Weight (kg)	67
Hopper Capacity (ℓ)	Cover (liters)	50
	Sowing (liters)	50
	Operation Capacity (boxes/hr)	630



JK-500



JK-300



JK-5

Manufacturer

► Jaekwang

II. Transplanting • Seeder Work

Rice Transplanter (Riding Type)

- Features : Transplants seedlings in a box onto an ill-drained paddy field, consisting of an engine [gasoline air cooling, control part [wheels/plow], seeding transfer/transplantation areas [seeding tray, planting arm, planting needle], and steering system. Walkbehind or riding type.
- Purposes : Wet transplantation of a young or aged rice plant that has grown in a seeding box.



RGO-60

Specifications:

	Model	RGO - 60 (Gasoline)
Machine Dimensions	Length (mm)	3,511
	Width (mm)	2,090
	Height (mm)	1,860
	Weight (kg)	648
Engine	Name of Engine	GX630
	Type of Engine	Air Cooled 2 Cycle
	Piston Displacement (cc)	688
	Horse Power (kw/ps)	14.5 / 20
	Fuel Tank (liters)	20
	Fuel	Gasoline
Transplanting Parts	Transplanting Row	6
	Transplanting Speed (m/s)	0 ~ 16
	Operating Capacity	2 ~ 3

Manufacturer

► Kuk Je

II. Transplanting • Seeder Work

Seed Coating Machine

- Features : When iron powder is mixed and coated with calcined gypsum on the surface of the seed, the iron powder rusts on the surface of the seed and acts as a mested paste. Easy to control an angle of the coating drum with button and appropriate rotating coating drum and perfect coating.
- Purposes : Used of well-mixed seeds with heavy iron and calcined gypsum in a certain ratio, or coating the seed surface thickly using a coating liquid.



BG-SC200

Specifications:

Model		BG-SC200
Machine Dimensions	Length (mm)	1,300
	Width (mm)	950
	Height (mm)	980
	Weight (kg)	76
Engine	Power (W)	120 (2 motors)
Transplanting Parts	Capacity (kg)	20 (for rice)
	Seeds	Rice, Bean, Barley, Wheat, Corn, etc.
	Cooling liquid	Iron, etc.

Manufacturer

► Bulls

II. Transplanting • Seeder Work

Riding Direct Seeder

- Features : Tractor-attachment [direct seeding on a dry field], power cultivator and small cultivator [direct seeding on a dry field], power transplanter [wet seeding], and an exclusive use [wet seeding], sows already germinated seeds in a packaging.
- Purposes : Seeding in a paddy field



ARP-8S

Specifications:

Model		ARP - 8S									
Machine Dimensions	Length (mm)	3,050									
	Width (mm)	2,330									
	Height (mm)	1,620									
	Weight (kg)	850									
Transplanting Parts	Distance of each row (mm)	250, 360									
	Number of Seeding row	8									
	Seeder Hopper Capacity	5 * 8 = 40 (Optional)									
	Width of Sowing (mm)	1,970									
	Seed Type	Line Sowing Hill Seeding									
	Fertilizer Hopper (kg)	20 * 4 = 80 (Optional)									
	Seeding Quantity Adjustment	Number	1	2	3	4	5	6	7	8	
Seed Drop		1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-10		
Engine (GX630)	Fuel Type	Unleaded Gasoline for automobile									
	Fuel Tank Capacity	23									
	Displacement (cc)	688									
	Maximum Output (kw(ps) / rpm)	14.5(20) / 3600									

Manufacturer

► Asia

II. Transplanting • Seeder Work

Power Weeder

- Features : Composed of power source, driving system, cultivator teeth, a weeding blade, and a soil removal plate, used for cultivating to enhance soil ventilation after seeding or transplantation, for removing weeds and for piling up earth between crops collectively.
- Purposes : Enhancing soil, ventilation, promoting the settlement of roots, and removing weeds.



SW3S318

Specifications:

Model		SW3S318
Machine Dimensions	Length (mm)	1,320
	Width (mm)	1,000
	Height (mm)	350
	Weight (kg)	15
Engine	Piston Displacement (cc)	41.5
	Work Efficiency (m ²)	1,900 ~ 2,900

Manufacturer

► **Boo Young**

III. Sprayer Work

Drone Sprayer

- Features : Devices applied to the drone performing aerial spraying.
- Purposes : Spraying work to disinfect

Specifications:

Drone Sprayer	SDR Q-1
Total Weight (kg)	11 (without batteries)
Standard Operating Payload (kg)	10
Standard Takeoff Weight (kg)	22
Maximum Takeoff Weight (kg)	24.5 (at sea level)
Maximum Flying Speed (km/h)	40
Maximum Thrust-Weight Ratio	1.81 (with 22kg takeoff weight)
Length x Width x Height (mm)	90 x 90 x 50 (in operation) 41 x 41 x 50 (in storage & transport)
Recommended Operating Temperature (°C)	0 ~ 40
Flight Time	28 minutes
Liquid Tank Volume (liters)	10
Maximum Power Consumption (kw)	11
Power Battery (mAh)	Designated Battery (16,000)
Hovering Power Consumption (kw)	960 (with 22kg takeoff weight)
Spray Width (m)	4 - 6 (3 - 6 m above the crops)



SDR Q-1

Manufacturer

► Sundori

III. Sprayer Work

Boom Sprayer

- Features : Hydraulic cylinders are used to open, close or erect the boom (The cylinders are connected to the hydraulic valves of a sprayer) The nozzles are attached to point in three directions, ensuring proper chemical application to furrows and crop roots.
- Purposes : Is the most common type of apparatus for applying nutritious supplements, microscopic organism and pyroligneous liquor.



BS-1000

Specifications:

Model		BS - 1000
Machine Dimensions	Length (mm)	3,700
	Width (mm)	1,550 ; 9,150 (during work)
	Height (mm)	2,900 ; 1520 (during work)
	Weight (kg)	800 (including machine)
Liquid Chemical Tank	Liquid Tank Capacity (liters)	400
	Agitating Method	Jet Agitation
Sprayer		HS-90A
P.T.O. Gearshift Levels (rpm)		Low Speed 627, High Speed 779
Machine Gearshift Levels		Level 1 Low Speed Level 2 High Speed
Working Efficiency (ha/day)		5 ~ 10

Manufacturer

► Asia

IV. Post Harvest Work

Portable Rice Mill

- Features : Generates brown rice, cleans and polishes rice using pressure of a roller or a screw. Power sources supplied from a motor or an engine.
- Purposes : Processing rice and Polishing rice



INFINITY RICE MILL



LH5001MGOLD



SY-5

LH 300SY

Specifications:

Model		LH5001MGOLD
Machine Dimensions	Length (mm)	1,100
	Width (mm)	830
	Height (mm)	1,500
	Weight (kg)	208
Power	Input Tank Capacity (kg)	40
	Horse Power (hp)	5, 1/3
	Kilowatt (kw/hr)	4
	Electricity (volts)	220

LH 300SY (Polishing Part)

- One System Design Part
- Shines without scratches
- Easy to operate
- Produce 100% of White Rice

SY-5 (Brown Rice)

- One System Design Part
- Shines without scratches
- Easy to operate
- Produce 100% of Brown Rice

Manufacturer

► Lee Hwa

V. High Value Crops

Cultivator (Walkbehind)

- Features : A small version of a power cultivator, walk-behind or riding power source for farming [unlike a normal cultivator, its steering wheel can rotate 180 degrees, therefore can be attached to various machines].
- Purposes : Farming in a primarily Cultivated field, at an orchard, or for harrowing, soil removal, weeding and other cultivating works



AMC-880SM

Specifications:

Model		AMC-900	AMC-900SM	AMC-880SM	AMC-880S	AMC-800S
Machine Dimensions	Length (mm)	1490-1700		1670-1880		1480-1700
	Width (mm)	680~850				
	Height (mm)	820-1140		820-1195		820-1140
	Weight (kg)	162	171	165	170	152
Installed Engines	Name	GB290L	GB290LE	G811L-E	DE300BATS	DE270BGS
	Type	Air Cooled 4-cycle oblique OHV Gasoline Engine		Air Cooled 4-cycle vertical 1-cylinder Gasoline Engine		
	Cylinder Diameter x Stroke (mm)	80 x 59		78 x 61	78 x 62	72 x 62
	Displacement (cc)	296		291	296	267
	Rated Power (kw/rpm)	4.8/1800		4.8/1700	4.8/1800	4.0/1800
	Weight (mm)	30	30	30	30	30
	Fuel Tank Capacity (L)	6.7		7.5		7
	Fuel Used	Gasoline				
	Oil Used	SAE-10W-30 or 20W-40				
	Ignition Method	Electric Ignition				
	Starting Method	Recoil Start	Recoil Start and Electric Start			

Manufacturer

► Asia

V. High Value Crops

Cultivator (Walkbehind)



ASC-640



AMC-1000



AMC-900

Cultivator Implements: **AMC-880SM** AT 3.9 kW

Trencher (DR - 25(S)/30(S))

Working Width : 25,30,48 cm
Working Depth : 5 - 20 (Max. 40) cm



- Deep tillage trenching, sowing barley
- Molding, earthing up drainage, water pipe
- Spoon shaped blade



Cultivator/Weeder (RT - 60)

Working Width : 60 cm
Working Depth : 5 - 15 cm



- Rotary/Cultivator/Weeder, Leveling Weeding
- Surface application, barley seeding



Deep Tillage Rotary (MR - 1200)

Working Width : 120 cm
Working Depth : 15 - 30 cm



- Cutting stubbles after harvest
- Soil preparation after harvest



Weeder (AHR - 650)

Working Width : 65 cm
Working Depth : 2 - 6 cm



- Weeding in orchards
- Crushing runners of pepper, tobacco, melon and watermelon



Ridging Machine (AF - 300)

Working Width : 45 - 70 cm
Working Depth : 21 - 28 cm (Max. 40) cm



- Ridge formation for pepper, garlic, tobacco, sesame, watermelon, melon, cucumber, cabbage, corn, tomato and onion



Vinyl Coater (AM - 180)

Working Width : 75 - 120 cm



- Vinyl coating for round, square and flat ridges of various whole crops



Vinyl Coater (AM - 180R)

Working Width : 75 - 120 cm



- Vinyl coating for round, square and flat ridges of various whole crops



Ridge Coater (FM - 120)

Working Width : 75 - 120 cm



- Simultaneous ridge formation and vinyl coating for ridges of various whole crops



Rotary (TR - 60)

Working Width : 60 cm
Working Depth : 15 cm



- Soil preparation in the rice paddy field
- General rotary



Plow (AP - 25)

Working Width : 27 cm
Working Depth : 12 - 15 cm



- Deep tillage for inside/outside of farmland/vinyl house



Mower (AR - 1200N)

Working Width : 120 cm
Working Depth : 70 - 120 cm



- Mowing rice plant and barley



Mower (AR - 1200CN)

Working Width : 120 cm
Working Depth : 70 - 250 cm



- Mowing rye, Sudan grass and corn



Earth Moving Machine (RD - 3)

Working Width : 25 - 60 cm
Working Depth : 15 - 20 cm



- Creating narrow furrows for planting various crops
- Weeding, earthing up and water line creation



Soil Covering Machine (SR - 1500)

Working Width : 120 cm
Working Depth : 40 - 45 cm



- Soil covering after trenching and adding compost
- Weeding and earthmoving



Vibration Earth Moving Machine (VR - 550)

Working Width : 88 cm
Working Height : Max. 55 cm



- Water line for floricultural post, ginseng field and vinyl house
- Tramping ridges for strawberry farms



Bed Soil Preparation Machine (BR - 900N)

Working Width : 90 - 120 cm
Working Depth : 21 - 28 cm



- General soil preparation
- Ginseng bed soil preparation



V. High Value Crops

Cultivator (Walkbehind)

- Features : A small version of a power cultivator, walk-behind or riding power source for farming [unlike a normal cultivator, its steering wheel can rotate 180 degrees, therefore can be attached to various machines].
- Purposes : Farming in a primarily Cultivated field, at an orchard, or for harrowing, soil removal, weeding and other cultivating works



TKC-1000 / TKC-1100

Specifications:

Model		TKC-450	TKC-500D	TKC-1000	TKC-1100
Machine Dimensions	Length (mm)	1490		1880	
	Width (mm)	680		810	
	Height (mm)	895		850	
	Weight (kg)	86	92	163	163
Installed Engines	Name	GB181LN		GT1000LN	FJ3100G
	Type	Air Cooled 4-cycle oblique OHV Gasoline Engine			
	Maximum Output (kW)	3.9		5.9	6.6
	Displacement (cc)	181		296	309
	Fuel Tank Capacity (L)	3.5		6	
	Fuel Used	Gasoline			
	Oil Used	SAE-10W-30			
	Ignition Method	Electric Ignition			
	Starting Method	Recoil Starting			
Driving Gear Shifts		Forward : 2, Reverse 2		Forward : 4, Reverse 4	
Main Clutch System		Belt Tension Type			
Steering Clutch System		~	Special Ball Type		
Standard Tires		Rubber		4.00 - 7 (2PR)	
Speed	Forward	1st / 1.8 , 2nd 3.0		L 1st / 1.6, 2nd / 3.2 H 1st / 2.5, 2nd / 5.1	
	Reverse	1st / 1.7 , 2nd 3.5		L 1st / 1.4, 2nd / 3.2 H 1st / 2.2, 2nd / 5.1	
P.T.O. Rotation (rpm)		900		Low 720, High 1300	
· Cultivator Rotating Speed are based on the engine running at 1800 rpm.					
· These specification above are subjected to change for enhancements in quality and performance.					

Manufacturer

► Taekwang

V. High Value Crops

Cultivator (Walkbehind)



TKC-500D



TKC-450

Cultivator Implements:
TKC-450 / TKC-500D

Leek / Hilling up	Ginseng / Drainage	Soybean / Weeding	Potato / Hilling up	Cornfield / Hilling up	Ridge	Molding
Working width : 88cm	Working width : 25cm	Working width : 35cm	Working width : 23cm	Working width : 35cm	Working width : 45cm	
Ditching Rotor (TDR-180)	Ditching Rotor (TDR-250)	Ditching Rotor (TDR-400)	Tilling Rotor (TRD-230)	Tilling Rotor (TRD-350)	Tilling Rotor (TRD-450)	(TKC-500)+(TVM-180R)

TKC-1000 / TKC-1100

Tilling Rotor (TRD-600)	Ditching Rotor (TDR-300, 500)	Former (TF-800)	Former & Mulcher (TFM-800)	Vinyl Mulcher (TVM-180, 180R)	Subsoil Rotor (TSR-1200)
Working width : 60cm Working depth : 5-12cm	Working width : 30, 50cm Working depth : 5-15cm	Working width : 40, 80cm Working height : 20-30cm	Working width : 40, 80cm Working height : 20-30cm	Working width : 40, 180cm Operation efficiency : 5000r/h	Working width : 120cm Constant efficiency : 4000r/day
				TVM-180 - Steel wheel TVM-180R - Rubber wheel	
Plow (TP-25)	Hammer rotor (THR-750)	Hammer rotor (THR-750H)	Reaper (TR-1200B)	Corn Reaper (TR-1200C)	Mower (CH650C)
Working width : 20.5cm Operation efficiency : 8000r/day	Working width : 65cm Operation efficiency : 9000r/day	Cut stems to pieces	Working width : 120cm Operation efficiency : 2000r/h	Width : 120cm Efficiency : 2000r/h	Working width : 65cm
			Rye, Rice, Sorghum, Soybean	Corn Sudan grass	Forage Harvester (PM770)

V. High Value Crops

Power Transport Vehicle

- Features : It shows strong power by using an engine with a maximum output of 8 horsepower, with this through driving shift of 3 forward gears and 2 reverse gears.
- Purposes : Used to perform various tasks because the side door of the vehicle is expandable and when dumping, the rear door is automatically opened, making it more convenient to use.



TK-600TLD

Specifications:

Model		TK-600TLD
Machine Dimensions	Length (mm)	2035
	Width (mm)	1225
	Height (mm)	1235
Weight (kg)		455
Loading Weight (kg)		500
Lift Height (mm)		1330
Max Output (Kw(ps))		5.9 (8.0)

Manufacturer

► Taekwang

V. High Value Crops

Multi Crop Lifting Machine

- Features : Working in high places by car, adjust the height of the boom can be the transport of agricultural work and produce and farming products.
- Purposes : High elevation works [pruning, harvesting, transferring for orchard] and transport.

Specifications:

Item	Description
Type	SB-8500
(Length X Width X Height) (mm)	2,699 X 1,500 X 2,200
Maximum ascending Height (mm)	7,300
The height up to the working table upon maximum descending (mm)	3,740
A horizontal angle of the left, right and the front, rear (°)	10 / 10 / 10 / 10
Rotation angle (°)	270-degree revolution
1-step, 2-step angle (°)	1-step 70 degrees, 2-step 95 degrees
Weight of Vehicle (kg)	1,530
Maximum Load (kg)	200
Running Method	Infinite Track Type (driven by a motor)
A Driving Motor Type (V, kw)	48, 2.0
An Illumination Type	A lever type (a joystick)
Running Speed (km/h)	3.0
Type of Hydraulic Device	Hydraulic Power Pack (The highest oil pressure 15 MPa)



SB-8500

Manufacturer

► **SungBoo**

V. High Value Crops

Multi-Purpose Agricultural Dryer

- Features : Excellent thermal efficiency, with heating pipes passing the furnace six times, sharply reduce fuel cost approximately 20% (WA type model five times passing-15% reduce). Good thermal insulation effect using polyurethane foam panel.
- Purposes : Stores harvest [grains, peppers, tobacco, jujubes, mushroom, ginseng, radish, mango, banana, cassava, durian, mango teen, potato green tea, and medicinal herbs/leaves] with water content in a dry chamber, let the air heated up with a burner circulate inside, drying the crops down to an appropriate water content.



TJDS-105

Model	TJDS-105	
Machine Dimensions	Length (mm)	2,000
	Width (mm)	1,300
	Height (mm)	1,960
Heater	Type	Kerosine
	Power (kw)	2.2 ~ 2.6
Dry	Capacity (kg)	200 ~ 250
	Time (hr)	20 ~ 30
Drying Tray (Stage/pcs)	11 Stage, 99 pcs	
Blower (kw)	1.01	
Remark		

Specifications:



TJDA-025

Model	TJDA-025	
Machine Dimensions	Length (mm)	1,350
	Width (mm)	1,120
	Height (mm)	1,820
Heater	Type	FIN
	Power (kw)	4.5
Dry	Capacity (kg)	80 ~ 120
	Time (hr)	30 ~ 40
Drying Tray (Stage/pcs)	12 Stage, 12 pcs	
Blower (kw)	0.55	
Remark	Electricity Type	



TJDL-15WA

Model	TJDL-15WA	
Machine Dimensions	Length (mm)	3,860
	Width (mm)	1,910
	Height (mm)	1,960
Heater	Type	Gasoline
	Volume (kw)	6.0 ~ 7.5
Dry	Capacity (kg)	690 ~ 990
	Time (hr)	25 ~ 40 & 3 ~ 5
Drying Tray (Stage/pcs)	11 Stage, 99 pcs	
Blower (kw)	3.0	
Remark	Special Type (2 Ventilators)	



TJDL-109

Model	TJDA-109	
Machine Dimensions	Length (mm)	2,685
	Width (mm)	1,300
	Height (mm)	1,960
Heater	Type	Kerosine
	Power (kw)	3.0 ~ 3.5
Dry	Capacity (kg)	300 ~ 440
	Time (hr)	25 ~ 35
Drying Tray (Stage/pcs)	13 Stage, 52 pcs	
Blower (kw)	1.5	
Remark	Special Type (2 Ventilators)	

Manufacturer

► Joongang

VI. Poultry and Livestocks

Long Distance Wide Range Sprayer

- Features : With a tractor, loaded in a car, composed of an engine, acid part [acid tank, pump, pipe], and discharge part [nozzle], used for spreading chemicals.
- Purposes : Prevents African Swine Flu (ASF) , AI/Bird Flu, Foot & Mouth Disease (FMD), Dengue and Zika viruses, COVID-19 virus and use to Sanitization for Garbage Dump sites to kill viruses and bacteria. Sprayer for Crops-palay, corn, vegetables, fruit bearing trees.



Specifications:

Mountable Car Model		1 ton 2 WD / 4 WD	
Engine	Format Name		V-twin Air-cooled OHV Gasoline Engine
	Maximum Output		35 HP/ 3600 rpm
Put out a forest fire and prevention of epidemics pest control devices	Pump	Name	High Pressure Pump
		Model	GX-100A
		Format	Horizontal three-row flanger type
		Areas of Use	Prevention of epidemics, put out a forest fire and water supply, fire fighting
	Hose Reel	High pressure hose length	13 mm x 150 M
		Driving Method	Electric Motor
	Water Tank Capacity		2000 liters
	Blowing Part	Air Blowing Distance	More than 30m
		Rotation Angle	Upper and Lower Right and Left
		Driving Type	Hydraulic (up, down, left & right)
Hydraulic Cylinder		Double Acting Type Hydraulic Cylinder (Removable)	
Anti-Freezing Device		Antifreeze Circulating Device, Air compressor, inverter and hot wire mounting	

HS-1000SFII

Manufacturer

► **Hanseco**

VI. Poultry and Livestocks

Wall Sprayer

- Features : With a 5 nozzles each wall material, Use of stainless steel nozzle, The connection hose between the sterilization tank and the disinfection facility is a high pressure hydraulic hose.
- Purposes : Used for protection against animal viruses such as Bird Flu / Avian Influenza (AI), Foot and Mouth Disease (FDM) African Swine Flu (ASF), etc.



Specifications:

Dimensions		Control Box	
Length (mm)	1,000	Length (mm)	1,500
Width (mm)	32	Width (mm)	1,500
Height (mm)	2,300	Height (mm)	1,800

Manufacturer

► SambuMachine

VII. Others

Fuel Injector

- Features : With a Mesh Filter, it filters the dust and foreign materials, Oil Filter Protects for oil dust, Gas Ventilation to prevent fire danger and ventilation of oil gas, Level Gauge to check the tank oil level.
- Purposes : Is to prevent accident and inconvenience when agricultural machines (Tractors, Combines, Cultivators, Trucks, Etc.) and heavy industrial equipment (Fork crane, Forklift, Bulldozer, Crane, Etc.) moving the road for refueling.



Specifications:

Capacity	980 L
Transport Capacity	45 L / min
Operating Voltage	220 V x Ø 1 x 60 Hz
Power Consumption	500 W
Length of Hose	10 m (Automatic reel hose length)

Manufacturer

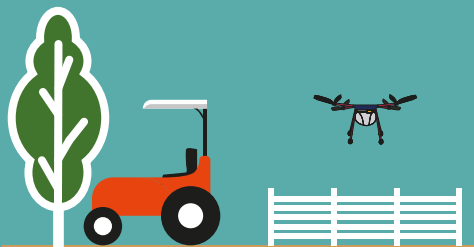
► Damoa



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