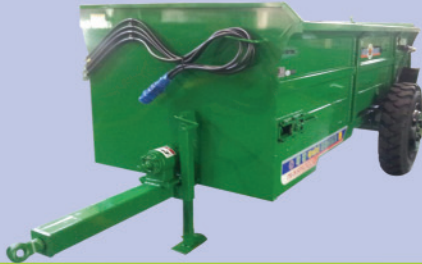


INNOBIZ
기술혁신형중소기업

벤처기업 지정업체



INNOBIZ, VENTURE COMPANY / ISO9001 / ISO14001 / KSA9001, 2001



Since 1980, Focused only to
Agricultural Machine production

Our Technology!
Our Power!



Tae Kwang Agricultural Machinery Co., Ltd

Company History

- 1980 Founded Tae Gwang Total Machine Co., Ltd
- 1987 Brand Registration, Changed Brand Name
- 1996 KAMICO Member
- 1998 Built High-Tech Spray Painting Equipment
- 1998 Selected as Venture company by SBA Daegu, Kyung Book
- 2000 Brand Name Registration(Doodooggi, 0471269)
- 2001 Awarded by MCIE Minister
- 2006 Attended Agricultural Machine Show(U,S,A)
- 2007 Awarded by MAFRA Minister
- 2008 ISO Certificate
- 2011 Patent Registration(Night Soil spreader, 1058273)
- 2012 Practical New Device Registration(Agricultural Machine Tester, 458253)
- 2012 Selected INNO-BIZ Company by SMBA
- 2013 Patent Registration(General Agricultural machine Tester)
- 2013 Patent Registration(Compost spreader compost moving controller)
- 2013 Patent Registration(Compost spreader)
- 2015 Patent Registration(Crops Crusher)
- 2015 Patent Registration(Agricultural Ground Hardener)
- 2016 Founded Research Institute



Potential SMB Company



Technology Venture Company



PPS Partner Company



NACF Partner Company



INNO-BIZ Company



KAMICO Member

ISO 9001

ISO 14001

KSA 9001 2001

[Award]

Awarded by MCIE Minister

Awarded by MAFRA Minister

Awarded by KBIZ Minister

Awarded by MOEL Minister

Awarded by MMA Minister



■ Greetings

New Technology **TAE KWANG AGRICULTURAL MACHINERY CO., LTD**



Tae Kwang Agricultural Machinery Co., Ltd
Lee, Wol-Yeong / President

After founded in 1980, developed our major item Hydraulic Compost spreader, continuously proceeded quality level up and development, we obtained various kinds of Patents, were chosen as potential SMB(Small and Middle Business) Company. This is our special and characteristic merit comparing to other company.

With our experience of participating Show in abroad, we'll do our best to promote export and to supply best agricultural machine based on our 40 years history and our brand value. We'll also give our best to serve our customer.

We'll be with our customer until the time that our farm village will become more rich and happy.

Tae Kwang Agricultural Machinery Co., Ltd
Lee, Wol-Yeong / President

TAEKWANG



Our Products in Farm village.
Tae Kwang Products!



케페리
Kheperi

Organic compost
spreader (Side
discharge type)



TKT-S100C
TKT-S1000D-1

Caterpillar
Cart (Lift, Dump)



TKT-600B

Compost spreader
for tractor



TKT-S2500 ~ S5500

Compost spreader
for SS



TKT-S100B-1
TKT-S1000A-1

Compost spreader
for cultivator



TKT-S100A

Compost spreader
for tractor



TKT-S1500 ~ TKT-S2000

Self moving
compost spreader



TKT-S600C-1

Multi-Purpose
Working Machine
Tester



TKT-T3000M

Onion stem cutter



TKO-007
TKO-008(with transplanter)

Power bending
packing roller



TKT-S1500
~S2000

Grader for tractor
(Steel double blade)



TKG-1000 ~
TKG-4000

Grader for Tractor
(Rubber Single blade)



TKG-1000S ~
TKG-4000S

Cultivator dump trailer
Cultivator differential gear trailer



TKT-1000KK
TKT-1000DK

Front loader
for tractor



TKL-45 ~
TKL-65

(※Exterior view can be changed for functional upgrade)



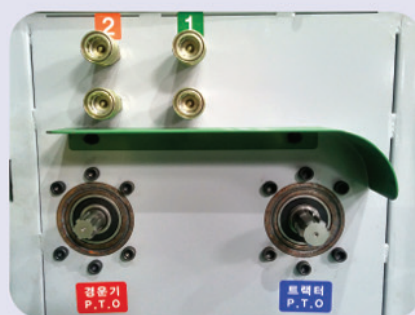
Multi-Purpose Working Machine Tester

TKT-T3000M (Motor type)

Multi function test, Hydraulic and Joint
 connecting,
 With Cultivator, Tractor P.T.O shaft rotation
 Finding out the error and settle the error.



Hydraulic Motor,
Earth to 380V electricity.



New Point

This machine can find out errors of agricultural machines.
 Chose complex method through hydraulic & joint connection.
 Through RPM control, test by desired output rotation is possible.
 Displayed through pressure gauge and joint RPM, easy to use.

Model name		TKT-T3000M(motor)
Specification	length(mm)	1,230
	width(mm)	800
	height(mm)	1,100



Organic compost spreader (Side discharge type)

TKT-S100C, S100CC, S1000D-1

Fit for Compost spreading of fruit farmer
 –under fruit tree(apple, pear, plum, japanese apricot)
 –vinyl house mushroom grower's growth cabinet
 Fit for livestock farmer's feeding
 Fit for linear type compost spreading



Transferring with 1st level
 conveyer, uniform compost
 spreading with rotary device,
 (4 step control of compost volume)



New Point

Through intensive spreading under fruit trees,
 to ground surfaces, to branches of trees, Prevent
 from weeds growth, early rooted in next year.

Classification	Model	TKT-S100C	TKT-S100CC	TKT-S1000D-1
Loading Box	L (mm)	1,570	1,870	1,570
	w(mm)	950	950	950
	H (mm)	480	480	480
Minimum height from ground(mm)		250	250	250
G. W (kg)		485	530	1,432
Loadage (kg)		1,000	1,200	1,000
Spread capacity(kg/m)		40~200		40~200
Transfer device	Transfer type	Chain operating, 1 st level conveyer transfer type		
	Power transmission type	Hydraulic, Gear, Chain type		
	Transfer speed control	Hydraulic operating, Ratchet Gear		
Spread device	Spread type	Conveyer transfer, side discharge type		
	Power transmission type	Hydraulic, Gear, Chain type		
	Spread quantity control	Chain transfer speed, outlet, Handle control type		
Applied Horse Power(HP)		SS machine		



Compost spreader for SS

TKT-S100B-1, S100BB, S1000A-1

New Point

With rotating plate type, effective in narrow fruit farmer,
vinyl house farmer
When using SS, easy to attach/detach.
All control is possible seated in chair. Hydraulic door
opening, closing system.



Classification	Model	TKT- S100B-1	TKT- S100BB	TKT-S1000A-1 (Carrier combined)
Loading Box	L (mm)	1,570	1,790	1,570
	w(mm)	950	950	950
	H (mm)	445	445	445
Minimum height from ground (mm)		250	250	250
G. W (kg)		470	490	1,418
Loadage (kg)		1,000	1,100	1,000
Spreading width (m)		2~5		2~5
Spread capacity (kg/m)		40~200		40~200
Transfer device	Transfer type	Chain, Conveyer		Chain, Conveyer
	Power transmission type	Hydraulic, Gear, Chain type		Hydraulic, Gear, Chain type
	Transfer speed control	Hydraulic operating, Ratchet Gear adjust		Hydraulic operating, Ratchet Gear adjust
Spread device	Spread type	Rotating Plate		Rotating Plate
	Power transmission type	Hydraulic, Gear		Hydraulic, Gear
	Spread quantity control	Chain transfer speed, Outlet hydraulic control type		Chain transfer speed, Outlet hydraulic control type
	Applied Horse Power(HP)	SS machine		SS machine





Self moving compost spreader Caterpillar Cart (Lift, Dump)

TKT-S600C-1, 600B

New Point

With smallground area, stable work in weak ground.
With caterpillar tread type, effective work in narrow place,
damp ground, slow incline plane, etc.



Classification	Model	TKT-S600C-1
Loading Box	L (mm)	2,520
	w (mm)	1,105
	H (mm)	1,400
	G.W (kg)	652
Minimum height from ground (mm)		120
Loading Box	L (mm)	1,220
	w (mm)	895
	H (mm)	540
	Loadage (kg)	500



New Point

With dumper, very easy to load and unload with caterpillar tread,
effective work in narrow place,
damp ground, slow incline plane, etc.

Model	TKT-600B				
Classification					
Loading Box	L (mm)	2,110	Loading Box	L (mm)	1,235
	w (mm)	955		w (mm)	900
	H (mm)	1,120		H (mm)	255
				Maximum height of lift (mm)	1,175
G. W (kg)		420	Loadage (kg)		500
Minimum height from ground (mm)		120			





Compost spreader for cultivator

TKT-S100A
TKT-S100WA (Cultivator Single Unit)
TKT-S100W

New Point

Simple connection with only 1 hitch pin to every cultivator model.
 With high effective hydraulic motor, sufficient work efficiency is possible only with cultivator engine.
 With hydraulic auto breaking system, almost no trouble.
 Hydraulic compost spreading control is very convenient.



Hydraulic door open/close



Rotary flying, hydraulic motor type for rough compost



Rotating plate flying, hydraulic motor type for mature compost.



Simple connection with only 1 hitch pin to every cultivator model.
 With high effective hydraulic motor, sufficient work efficiency is possible only with cultivator engine.
 With hydraulic auto breaking system, almost no trouble.
 Hydraulic compost spreading control is very convenient.

Classification	Model	TKT-S100A	TKT-S100WA	TKT-S100W
Loading Box	L (mm)	1,960	1,800	1,800
	w(mm)	1,330	1,210	1,210
	H (mm)	610	655	655
Minimum height from ground (mm)		400	190	190
G.W (kg)		750	1,140	750
Loadage (kg)		1,100	1,100	1,100
Spreading width(m)		2~5	2~5	2~5
Spreading capacity(kg/m)		40~200	40~200	40~200
Transfer device	Transfer type	Chain operating, conveyer		
	Power transmission type	Hydraulic, Gear, Chain type		
	Transfer speed control	Hydraulic motor operating, Ratchet Gear		
Spread device	Spread type	Rotating plate type, Rotary type		
	Power transmission type	Hydraulic, Gear type		
	Spread quantity control	Chain transfer speed, outlet, hydraulic control type		
Applied Horse Power(HP)		Cultivator(over 8 HP)		



Compost spreader for tractor

TKT-S1500~
TKT-S2000



New Point

Hydraulic operating type, small radius of gyration, joint attach, detach is very simple and easy, adapted kick coupling, very easy for connecting to tractor.

Choosing DPA chain, "r" type slide, prevented chain from taking off. Easy to taking away, change of chain and slide.



Hydraulic rotating plate type



Hydraulic rotary type



Compost spreader for tractor

TKT-S2500~
TKT-S5500



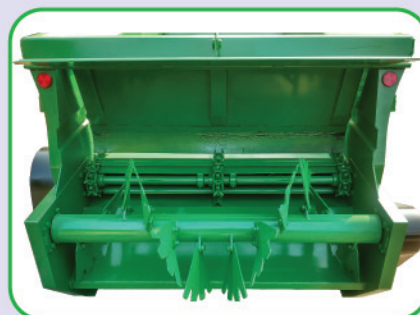
New Point

Hydraulic operating type, small radius of gyration, joint attach, detach is very simple and easy, adapted kick coupling, very easy for connecting to tractor.

Choosing DPA chain, "r" type slide, prevented chain from taking off. Easy to taking away, change of chain and slide.



Hydraulic rotating plate type



Rotary joint type



Specification

(Compost spreader for tractor)

TKT-S1500, S1800, S2000, S2500, S2350

Classification	Model	TKT-S1500	TKT-S1800	TKT-S2000	TKT-S2500	TKT-S2350
Loading Box	L (mm)	2,190	2,230	2,530	2,930	3,200
	w (mm)	1,330	1,500	1,500	1,650	1,650
	H (mm)	610	620	620	620	620
Minimum height from ground (mm)		325	325	325	325	325
G. W (kg)		550	870	1,100	1,350	1,500
Loadage (kg)		1,500	1,800	2,100	2,500	3,500
Spreading width (m)		3~6	3~6	6~8	9~12	9~12
Spreading capacity(kg/m)		50~250	50~300	50~400	50~500	50~550
Transfer device	Transfer type	Chain, Conveyer			Chain, Conveyer	
	Power transmission type	Tractor P.T.O shaft connecting type, Hydraulic gear chain type			Tractor P.T.O shaft connecting type, Hydraulic gear chain type	
	Transfer speed control	Hydraulic motor operating, ratchet gear 4 steps operating type			Hydraulic motor operating, ratchet gear 4 steps operating type	
Spread device	Spread type	Rotating plate type			Rotating plate type	
	Power transmission type	Hydraulic and gear type			Hydraulic and gear type	
	Spread quantity control	Chain transfer speed, Compost outlet hydraulic control type			Chain transfer speed, Compost outlet hydraulic control type	
Applied Horse Power(HP)		26 Less than	26~35	35~45	45 More than	50 More than

TKT-S2400, S4500, S5000, S5500

Classification	Model	TKT-S2400	TKT-S4500	TKT-S5000	TKT-S5500
Loading Box	L (mm)	3,380	3,530	3,680	3,830
	w (mm)	1,650	1,650	1,650	1,650
	H (mm)	620	620	620	620
Minimum height from ground (mm)		325	325	325	350
G. W (kg)		1,700	1,980	2,150	2,320
Loadage(kg)		4,000	4,500	5,000	5,500
Spreading width(m)		9~12	10~12	10~13	10~13
Spreading capacity(kg/m)		50~550	80~650	80~650	80~650
Transfer device	Transfer type	Chain, Conveyer			
	Power transmission type	Tractor P.T.O shaft connecting type, Hydraulic gear chain type			
	Transfer speed control	Hydraulic motor operating, ratchet gear 4 steps operating type			
Spread device	Spread type	Rotating plate type			
	Power transmission type	Hydraulic and gear type			
	Spread quantity control	Chain transfer speed, Compost outlet hydraulic control type			
Applied Horse Power(HP)		55 More than	60 More than	65 More than	70 More than

Our Technology, Your Belief ! Tae Kwang Products !

Comparison Sheet (Rotary)

Classification	Model	TKT-S1500	TKT-S1800	TKT-S2000
Loading Box	L (mm)	2,190	2,230	2,530
	w (mm)	1,330	1,500	1,500
	H (mm)	610	620	620
Minimum height from ground(mm)		325	325	325
G.W(kg)		550	870	1,100
Loadage(kg)		1,500	1,800	2,100
Spreading width(m)		2~5	2~5	2~5
Spreading capacity(kg/m)		50~250	50~300	50~400
Transfer device	Transfer type	Chain conveyer		
	Power transmission type	Tractor P.T.O shaft connecting type, Hydraulic, gear, chain type		
	Transfer speed control	Hydraulic motor operating, ratchet gear 4 steps operating type		
Spread device	Spread type	Rotary type		
	Power transmission type	Hydraulic and gear type		
	Spread quantity control	Chain transfer speed, compost outlet, hydraulic control type		
Applied Horse Power(HP)		26 Less than	26~35	35~45

Classification	Model	TKT-S2500	TKT-S2350	TKT-S2400
Loading Box	L (mm)	2,780	2,930	3,200
	w (mm)	1,650	1,650	1,650
	H (mm)	620	620	620
Minimum height from ground(mm)		325	325	325
G.W(kg)		1,250	1,350	1,500
Loadage(kg)		2,500	3,500	4,000
Spreading width(m)		4~6	4~6	4~6
Spreading capacity(kg/m)		50~500	50~550	50~550
Transfer device	Transfer type	Chain conveyer		
	Power transmission type	Tractor P.T.O shaft connecting type, Hydraulic, gear, chain type		
	Transfer speed control	Hydraulic motor operating, ratchet gear 4 steps operating type		
Spread device	Spread type	Rotary type		
	Power transmission type	Hydraulic and gear type		
	Spread quantity control	Chain transfer speed, compost outlet, hydraulic control type		
Applied Horse Power(HP)		45 More than	50 More than	55 More than

Classification	Model	TKT-S4500	TKT-S5000	TKT-S5500
Loading Box	L (mm)	3,380	3,530	3,680
	w (mm)	1,650	1,650	1,650
	H (mm)	620	620	620
Minimum height from ground(mm)		325	400	400
G.W(kg)		1,700	1,980	2,150
Loadage(kg)		4,500	5,000	5,500
Spreading width(m)		4~6	4~6	4~6
Spreading capacity(kg/m)		80~650	80~650	80~650
Transfer device	Transfer type	Chain conveyer		
	Power transmission type	Tractor P.T.O shaft connecting type, Hydraulic, gear, chain type		
	Transfer speed control	Hydraulic motor operating, ratchet gear 4 steps operating type		
Spread device	Spread type	Rotary type		
	Power transmission type	Hydraulic and gear type		
	Spread quantity control	Chain transfer speed, compost outlet, hydraulic control type		
Applied Horse Power(HP)		60 More than	65 More than	70 More than





Grader for tractor (Steel double blade)



The office of supply(Government)'s official supplier

TKG-1000(S)~
TKG-4000(S)~



New Point

With hydraulic rotating type, easy to angle control(45°), can get greatest effect with minimum power.

The blade attached to grader is special heat treatmented free from bending break down. Especially, if attaching special rubber blade for snow-removal, can work conveniently with efficiency.

Both work-front, rear-is possible, can work rapidly.

Very cold weather in winter, it is also possible snow-removal with excellent work efficiency.

■ Steel double blade

Model name	TKG-1000	TKG-2000	TKG-3000	TKG-4000
Specification	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Length(mm)			2438	
Applied Horse Power(HP)				

■ Rubber single blade

Model name	TKG-1000S	TKG-2000S	TKG-3000S	TKG-4000S
Specification	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Length(mm)			2438	
Applied Horse Power(HP)				





Packing roller for tractor

TKR-2000(J)~

TKR-2800(J)~

New Point

Anti-frost packing for barley during winter season.
Surface packing for leisure activity, tennis court, playground, green, etc.
Soil packing in road building, embankment building.
Controlable as packing progress by weight control.
Weight control can be done by pouring water in to the roller. (special order made)

Pressing roller's height, left-right angle is adjusted by earth's curve.
Uniform(equal) packing, good buffer effect.(special order made)



Power bending packing roller

Dragged by tractor, moving in curve, packing the soil, ground.



Fixed packing roller

Classification	Model	TKR-2000J	TKR-2200J	TKR-2400J	TKR-2600J	TKR-2800J
Loading Box	L (mm)	1,200				
	w (mm)	2,270	2,470	2,670	2,870	3,070
	H (mm)	1,140				
G. W (kg)		450	490	530	570	610
Roller width (mm)		2,000	2,200	2,400	2,600	2,800
Roller diameter (mm)		ø 580		ø 600		
Operating method		Tractor 3 point support traction				
Applied Horse Power (HP)		Over 30HP				
Water weight (Kg)		530	580	630	680	730
Total weight including water (Kg)		980	1,070	1,160	1,250	1,340
maximum totating angle		Left right 50 degree, each				

Classification \ Model		TKR-2000	TKR-2200	TKR-2400	TKR-2600	TKR-2800
Loading Box	L (mm)	1,540				
	w (mm)	2,270	2,470	2,670	2,870	3,070
	H (mm)	1,140				
G. W (kg)		450	490	530	570	610
Roller width(mm)		2,000	2,200	2,400	2,600	2,800
Roller diameter (mm)		ø 580		ø 600		
Operating method		Tractor 3 point support traction				
Applied Horse Power (HP)		Over 30HP				
Water weight (Kg)		530	580	630	680	730
Total weight including water(Kg)		980	1,070	1,160	1,250	1,340

Onion stem cutter

TKO-007 (without rice transplanter)

TKO-008 (with rice transplanter)

New Point

- Raise and cutting onion stems using spinning principle (cutting range 100mm)
- Saving cutting time and man power epochally with out onion stem damage
- Patent registration



TKO-008



TKO-007



Hydraulic motor (Stem collecting)



Separate Engine (8 HP)

Sortation		Model	TKO-007	TKO-008
Loading Box	L (mm)		1,040	3,740
	w (mm)		1,800	1,800
	H (mm)		930	1,675
	G.W(kg)		260	860
Cutting range(kg)			1,200	1,200



Front loader for tractor

TKL-45~ TKL-65

Locating bucket, cylinder under boom, pouring and pulling back is controllable with work efficiency.
Using safety valve, made high safety and work efficiency.



Our loader adapted TRL(Two Reject Leverage) type, made work efficiency higher with same horse power comparing to other loader.
With 2 fixing pin attached to loader main body, easy and fast attach, detach without tools.

Model	TKL-35	TKL-45	TKL-55	TKL-65	TKL-80
Classification	20~30	31~40	41~50	51~70	80~
	0,18	0,21	0,30	0,33	0,50
	1,200	1,400	1,500	1,600	1,900
	175	175	195	195	220
	2,670	2,870	3,050	3,250	3,500
	1,865	2,020	2,050	2,395	2,505
	540	580	590	620	670
	55	55	55	55	55
	75	75	75	75	75
	450	570	675	850	1,050
	360	450	522	648	828





Cultivator dump trailer

TKT-1000DK

New Point

Consisted with modular type, easily attached to any tractor already produced. Perfect dump is possible by easily attachable hydraulic dump to cultivator P.T.O and control valve. With 2 cylinder, strong power flexible dump for heavy weight loading. Speed control valve, preventing from shock and danger by high speed dump down.

When checking, maintaining hydraulic dump device frame, be sure to fixing safety support.



Classification	Type	Power transmission	Length x width x height(mm)	Loading box {Length x width x height(mm)}	Loadage(kg)	Minimum height from ground(mm)
High speed hydraulic dump device	TKT-1000DK	Connected to P.T.O	3,450x1,430x1,520	1,820x935x305	1,000	230



Cultivator differential gear trailer

TKT-1000KK



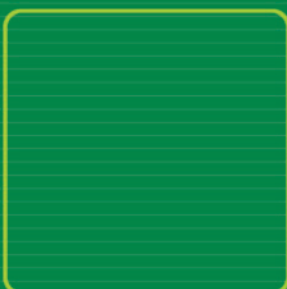
Differential gear, easy to operating in slope way, damp area,
Break device in slope way for speed reduction,
Hand break device for safe parking, stopping



Sortation	Type	Power transmission	Length x width x height(mm)	Loading box {Length x width x height(mm)}	Loadage(kg)	Minimum height from ground(mm)
High speed device frame loading box	TKT-1000KK	Connected to Steering column	3,450x1,430x1,520	1,820x935x305	1,000	230

**High Technology,
Best Convenience!**





Our Products!

■ Tractor

Compost spreader
Hydraulic · Joint Packing roller
Loader
Hydraulic grader

■ Cultivator

Hydraulic compost spreader
Hydraulic dump
Back differential gear trailer

■ Power compost spreader (self moving) Multi-Purpose Working Machine Tester

■ Onion Stem Cutter



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