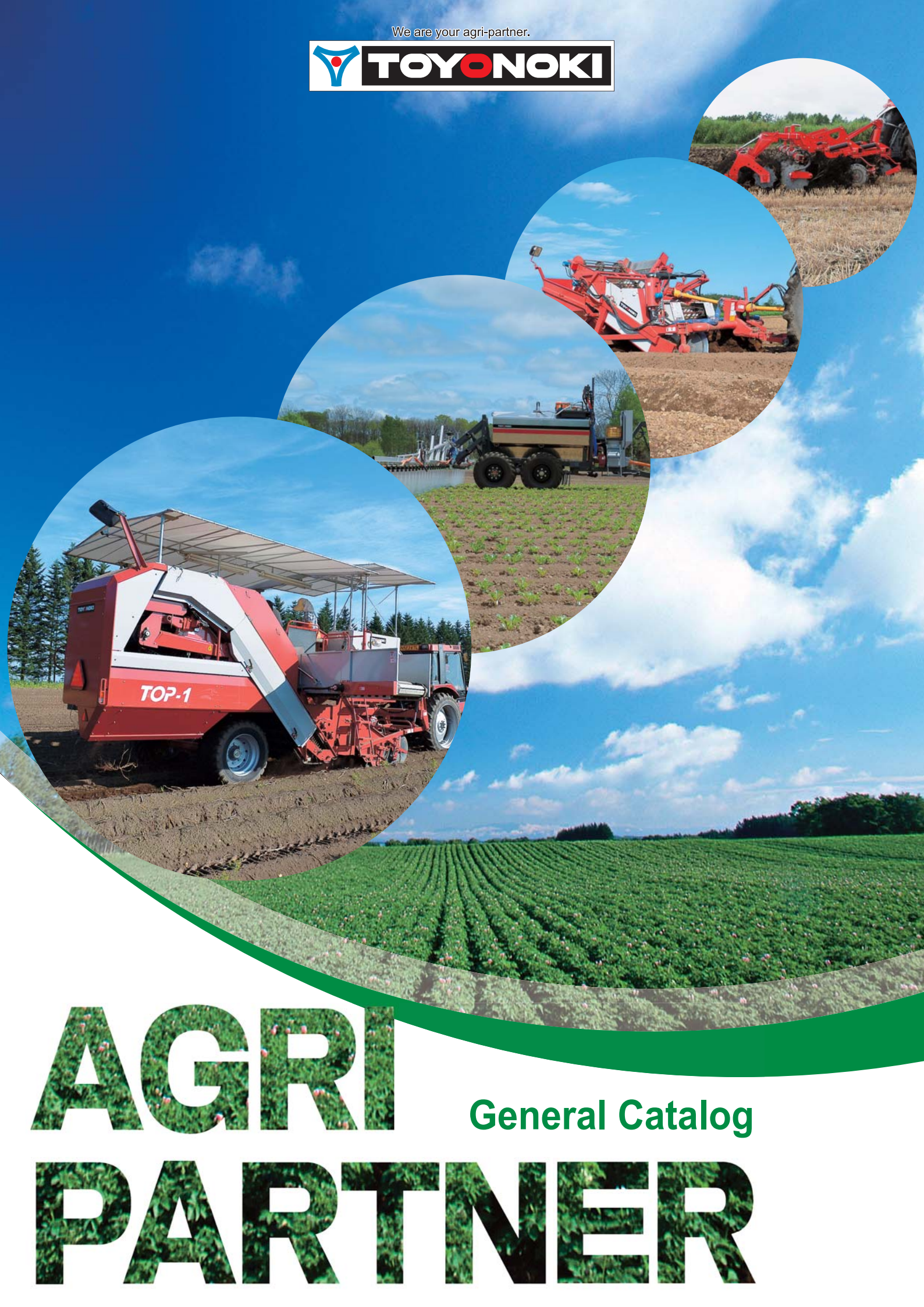


We are your agri-partner.



AGRI PARTNER

General Catalog



Agricultural machinery for spring

Helps you with soil preparation in spring to ensure a good harvest in autumn.

In Harmony with the Future

Harrowing/grading

Disk harrow Outstanding soil-crushing capacity significantly increases operating efficiency.



Model:TH02228N

Type	TH02024N	TH02026N	TH02028N	TH02224N	TH02226N	TH02228N
Standard	20 × 24	20 × 26	20 × 28	22 × 24	22 × 26	22 × 28
Required k W	37 – 59	44 – 66	59 – 73	51 – 66	59 – 76	76 – 88
horsepower P S	50 – 80	60 – 90	80 – 100	70 – 90	80 – 100	100 – 120

Harrowing/grading

Cage roller (disk roller attachment)

Type	AKR2028
Standard	3.2 m
Applicable type	Offset disk harrow



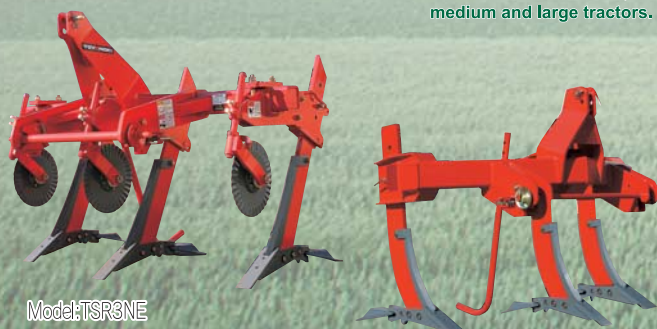
Model:AKR2028

Subsoiling

Subsoiler Durable soil crusher with low resistance to traction

Type	TSR2NE	TSR3NE	TSR2NF	TSR3NF
Standard	2 tines	3 tines	2 tines	3 tines
Required k W	37 – 59	51 – 66	51 – 66	66 –
horsepower P S	50 – 80	70 – 90	70 – 90	90 –

This soil crusher has low resistance to traction and a shape that offers excellent durability. It comes in different sizes for small, medium and large tractors.

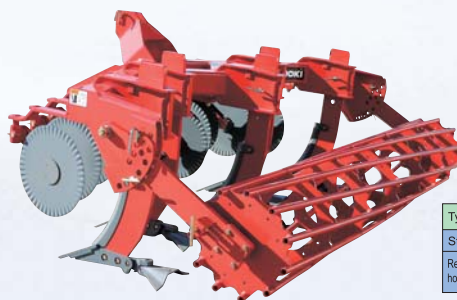


Model:TSR3NE

Model:TSR3NF

Subsoiling/rough tillage

Double soiler



Model:TSR5NW

Performs highly efficient subsoiling and rough tillage at the same time.

Type	TSR4NW	TSR5NW
Standard	4 tines	5 tines
Required k W	73.6 –	88.3 –
horsepower P S	100 –	120 –

Surface soil packing

Soil-packing roller

Prevents wind damage and increases the water/moisture retention ability of soil for better seeding.



Model:TFR104

Type	TFR102	TFR104
Standard		3.1 m
Required k W	29 – 44	
horsepower P S	40 – 60	
Number of roller partitions	2	4

Intertillage

Deep tillage cultivator Ensures deep soil cultivation.

It improves air and water permeability and facilitates the rise of water vapor.



Model:TBCS3N

Type	TBCS3N	TBCS5N
Standard	3 ridges	5 ridges
Required k W	29 –	33 –
horsepower P S	40 –	45 –

Fertilizer mixing

Fertilizer mixer Especially useful for mixing fertilizers and nursery soil



Model:TF350M

Type	TF350P	TF350E	TF300M
Standard	PTO 350 I	Engine 350 I	Motor 300 I
Driving method	Tractor PTO	Air-cooled 4-cycle gasoline engine 3.7 kW/2,000 rpm	Three-phase 200 v motor quadruples 3.7 kW
Evacuation method	Foot pedal	Foot pedal	Foot pedal

Fertilizer application

Broadcaster

Uniform wide application increases work efficiency.

Its double spreaders significantly increase fertilizer application precision. The popular single spreader type, TOYO's original product, is also available.



Model:TWB110ZSH



Model:TBB800SH

Type	TBB600SH	TBB800SH	TWB110ZSH
Standard	600 l	800 l	1,100 l
Required kW	36,8 –	47,8 –	51,5 –
horsepower P S	50 –	65 –	70 –

Fertilizer distribution

Fertilizer distributor

Contributes to energy saving during fertilizer application.

Large bunker that is just the right size for truck decks. It is easy to operate with switches at the user's fingertips.



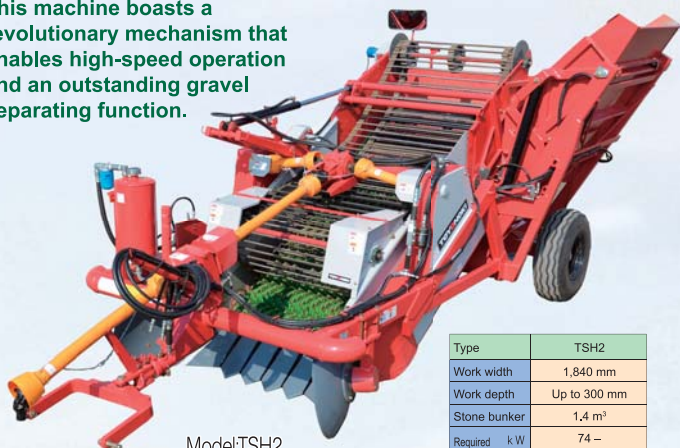
Model:TFD2SH

Type	TFD2SH
Standard	2.5 m³
Applicable truck	At least 4-t truck

Gravel processing

Stone picker

This machine boasts a revolutionary mechanism that enables high-speed operation and an outstanding gravel separating function.



Model:TSH2

Type	TSH2
Work width	1,840 mm
Work depth	Up to 300 mm
Stone bunker	1,4 m³
Required kW	74 –
horsepower P S	100 –

Grassland control

Chain pasture harrow

Use this machine for grassland regeneration, pasture conditioning, increasing the effect of fertilizer and adding soil cover for additional seeding.

Type	TP10S	TP12S	TP21F
Standard	3.0 m	3.6 m	2.5 m/6.3m
Required kW	29 – 44	37 – 59	59 – 80
horsepower P S	40 – 60	50 – 80	60 – 80



Rough plowing/mixing/grading

Hybrid Culti

Can be used for various kinds of work including rough plowing and grading as well as soil mixing to accelerate the decomposition of residual materials in fields.



Model:TBCSW 7H

Type	TBCSW 5H	TBCSW 7H
Standard	5 times	7 times
Required kW	73,6 –	88,3 –
horsepower P S	100 –	120 –

Soil loosening and combination

Combi plow

This plow can perform soil loosening and can be combined with various kinds of machines for grading and harrowing.



Model:TCS 3H

Type	TCS 3H	TCS 3
Standard	4 blades	
Required kW	59 – 103	
horsepower P S	80 – 140	
Hitch	Hydraulic 3-point link	Manual 3-point link



SPRAYER

**The best pest control system,
designated for a better future**

Weeding/pest control

Mount sprayer Ensures the safety and reliability of pest control operation.

The center of gravity is situated nearer the tractor than normal mount sprayers. This improves back and forward loading balance, ensuring stable performance.

This model has an interlocking speed-application amount control system that enables the automatic adjustment of application amounts depending on the input target amount and the vehicle speed.



Nozzle unit

Model:TMS1520FR



Model:TMS1521SR

Type	TMS1121S	TMS1321S	TMS1521S
Tank capacity	1,120 l	1,320 l	1,520 l
Application width	12.9 – 21.9 m		
Required kW	44 –	52 –	59 –
Required horsepower P.S.	60 –	70 –	80 –

Computer-based model

Type	TMS1116FR	TMS1316FR	TMS1320FR	TMS1516FR	TMS1520FR	TMS1121SR	TMS1321SR	TMS1521SR
Tank capacity	1,120 l	1,320 l		1,520 l		1,120 l	1,320 l	1,520 l
Application width	16.5 m	18.5 m	20.5 m	18.5 m	20.5 m	12.9 – 21.9 m		
Required kW	44 –	52 –		59 –		44 –	52 –	59 –
Required horsepower P.S.	60 –	70 –		80 –		60 –	70 –	80 –

Type	TMS1116FM	TMS1116F	TMS1318F	TMS1320F	TMS1518F	TMS1520F
Tank capacity	1,120 l		1,320 l		1,520 l	
Application width	16.5 m		18.5 m	20.5 m	18.5 m	20.5 m
Required kW	44 –		52 –		59 –	
Required horsepower P.S.	60 –		70 –		80 –	

Weeding/pest control

Trailed sprayer

Reduces chemical usage and ensures safe and secure operation with easy handling.

Computer control enables highly efficient operation.

This model has an interlocking speed-application amount control system that enables the automatic adjustment of application amounts depending on the input target amount and the vehicle speed.



Model:TTS5FRP

Type	TTS3FR	TTS3FRP	TTS5FR	TTS5FRP	TTS6FRP	TTS3SR	TTS3SRP	TTS5HSR	TTS5HSRP	TTS6HSRP
Tank capacity	3,600 l		5,000 l		6,000 l	3,600 l		5,000 l		6,000 l
Application width	24.5 m			29.5 m		12.3 – 24.3 m		15.0 – 31.0 m		
Required kW	44 –			59 –		44 –		59 –		
Required horsepower P.S.	60 –			80 –		60 –		80 –		

Root spraying

Root spraying attachment

Attach this equipment to a sprayer to remove the need for manual weeding and prevent diseases.

Type	H13
Attaching method	Attachable to TOYO-designated sprayers
Application width	7,200 – 7,920 mm (60 – 66 cm/ridge x 12)
Efficiency	Approx. 1.43 ha/h (calculated with a work efficiency of 50%)



Enlarged picture of a nozzle



Model:H 13

The lineup includes models that satisfy customers who strive to cultivate high-quality potatoes from the seedbed preparation stage.

Soil conditioning, which eliminates stones and clods from growing beds before seeding, is very popular in Britain, where many fields are stony.

Soil conditioning system

Bed former



High performance with mulching for two ridges.

It also performs subsoiling at the same time to improve the drainage function.

Type	TBF2
Standard	2 ridges
Work efficiency	0.9 – 1.3 ha/h
Required k.W	73.5 –
horsepower P.S	100 –

Soil conditioning system

Separator



To remove stones and clods

Separated stones and gravels are discharged to drains. Be sure not to return large stones to fields but instead remove them to another location.

Type	TNS2-EV
Standard	2 ridges
Work efficiency	1.4 – 3.8 ha/day
Required k.W	66 –
horsepower P.S	90 –

Soil conditioning system

Ridge forming potato planter



Ideal for planting seed potatoes

The planter is loaded with an automatic seed potato cutting and planting device that saves energy and is highly accurate.

Type	TPA-2
Standard	2 ridges
Work efficiency	2 or 3 ha/day
Required k.W	52 –
horsepower P.S	70 –

Soil conditioning system

Ridge forming potato planter



Fertilization, planting and ridging can be performed in one process.

- An original tweezer-wheel seeding method enables high-precision planting.
- This high-performance machine with a working speed of 4 to 7 km/h makes it possible to plant potatoes in an area of roughly 3 to 5 ha per day.

Type	TMP-2NK
Standard	2 ridges
Work efficiency	3 – 5 ha/day
Required k.W	52 –
horsepower P.S	70 –



Agricultural machinery for autumn

The lineup includes a variety of models to help with harvest in autumn.

Potato harvester

Offset potato harvester TOP 1

The first of its kind in Japan! The best offset potato harvester!



Model:TOP1-CGF

Outstanding clod, haulm and leaf disposal capacity!

Potato harvester

Potato harvester TPH7 (for seeds, eating or processing)



Model:TPH7UCJH

Type	TPH7U					
Model	AJH	BJH	CJH	AJK	BJK	CJK
Moving floor bunker	3.0 m ³					
Stone box	0.3 m ³	-	0.4 m ³	0.3 m ³	-	0.4 m ³
Required k W	44.1 -					
Required horsepower P S	60 -					

Type	TPH7N											
Model	AJH	BJH	CJH	AJK	BJK	CJK	AGH4	BGH4	CGH4	AGK4	BGK4	CGK4
Moving floor bunker	3.0 m ³						4.0 m ³					
Stone box	0.3 m ³	-	0.4 m ³	0.3 m ³	-	0.4 m ³	0.3 m ³	-	0.4 m ³	0.3 m ³	-	0.4 m ³
Tire size	1 axis, 2 wheels (9,00-20-10PR)						1 axis, 4 wheels (9,00-20-10PR)					
Required k W	44.1 -						59 -					
horsepower P S	60 -						80 -					

Potato harvester

Potato digger



This highly efficient potato digger works well in any environment.

Model:TPD3BT

Type	TPD3BT
Standard	2 ridges
Work efficiency	30 - 40 a/h
Required k W	30 -
Required horsepower P S	40 -



Model:TOP1-CLF

Type	TOP-1							
Model	BJF	CJF	BGF	CGF	BRF	CRF	BLF	CLF
Standard	1 ridge, offset							
Moving floor bunker	3,0 m³		4,0 m³		4,0 m³ with head end lowering		1 container + 1,0 m³ bunker	
Small potato bunker	0,9 m³							
Required horsepower	k W		59 –					
	P S		80 –					

Potato harvester

Potato harvester TPH55 (for seeds, eating or processing)

Compact, simple harvester with basic functions



Model:TPH55

Type	TPH55H
Main bunker capacity	2.2 m ³
Required k W	40 -
Required horsepower P S	55 -

Potato harvester

Potato harvester TPH8 (for starch)

This harvester was created for the starch production area.
It is easy for anyone to handle.



Model:TPH8NPE
Optional parts are attached.

Type	TPH8N	
Model	PE	PWE
Bunker	5.2 m ³	
Steering device	Power steering	
Required k W	47.8 -	
Required horsepower P S	65 -	

Potato harvester

Potato harvester TPH179 (self-propelled)

The area of headland necessary for turning is half of the area required by traction-type harvesters. With optional equipment, it can be used to harvest sweet potatoes and taro.

Type	TPH179
Standard	1 ridge (for a ridge of 72 - 85 m)
Moving floor bunker	700 kg
Junk potato bunker	150 kg
Small potato bunker	100 kg
Output PS/1pm	55/2,100

Model:TPH179



Potato harvester

Early digger – a food potato digger for early harvesting

Potatoes can be collected from the web.

Type	TPD1H	TPD1F
Use	For eating, processing and seeds	
Standard	1 ridge	
Work method	Potatoes picked by hand from the web	
Web	Rod pitch 44 mm (38 rods with short rubber plates)	Rod pitch 44 mm (12 rods with short rubber plates)
Wheel track range	216, 225 cm (slide type)	216, 225, 240, 255 cm (slide type)
Applicable tractor	37 – 52 kW (50 – 70 PS)	



Model:TPD1H



BIG RUGGER

Faster, maintenance-free and high-performance steering system



Model:TBH45T

Type	35T	35TA	45T	45TA	35	35A	45	45A
Model	35T	35TA	45T	45TA	35	35A	45	45A
Standard	1 ridge (60 – 66 cm)							
Topper	PTO				—			
Bunker capacity	5.8 m³ left dump	7.5 m³ left dump	5.8 m³ right dump	7.5 m³ right dump				
Required kW	51.5 –							
horsepower PS	70 –							

High-performance automatic ridge tracing device

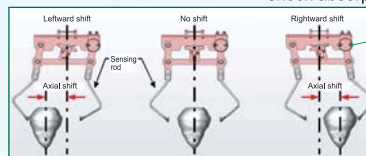
(Optional equipment)

Crop row identification mechanism

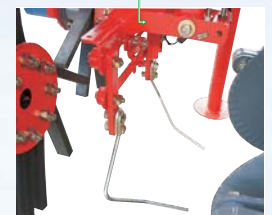
This mechanism enables high-precision control by carefully identifying individual beets and tracing the center of the entire crop row.

Speed control depending on the shift amount

Speed control based on the amount and direction of the shift between the crop intake section and the ridge, allow for comfortable work with high shock absorption.



*Optional equipment



Gas spring

Gas spring

Reduces impact to the machine body when tracing a ridge.

Rotation sensor

The direction and size of the shift between the crop intake section and the ridge are recognized from the movement of lines, and a ridge-tracing cylinder is activated by signals from the control computer.

Beet haulm and leaf cutting

Beet topper

Demonstrates high-precision topping capacity.

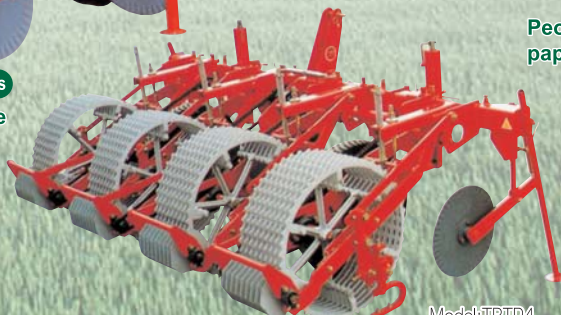


Model:TBTP22

4 ridges

This machine enables the simultaneous topping of four ridges. A great solution for large fields!

Type	TBTP22	TBTP4
Standard	2 ridges	4 ridges
Work efficiency	PTO	PTO
Required kW	22 –	37 –
horsepower PS	30 –	50 –



Model:TBTP4

● Easy to operate and see

Touch panel



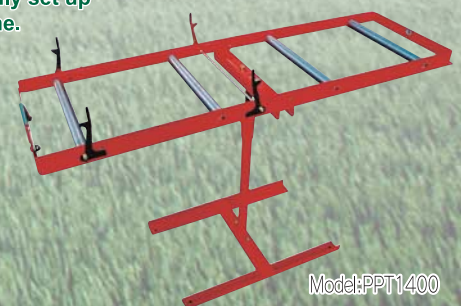
The operating box, which has switches and a touch panel, allows for the remote control of tires (steering), ridge tracing, web rotation/stoppage, and the setting of automatic functions, etc. from a tractor's driver's seat.

*Standard feature for the high-performance automatic ridge tracing device (optional equipment)

Setting up paper pots

Paper pot table

People can easily set up paper pots alone.



Model:PPT1400

In Harmony with the Future

Since ancient times nature has provided us with food.

People begin to eat and drink immediately after they are born into this world, and continue to do so until they die.

This simple act is what sustains us.

As a specialist of agricultural machinery, we aim to be the best agri-partner in the 21st century by pursuing agriculture for future generations and creating a comfortable environment with agricultural machinery that contributes to the harmonious coexistence of people and agriculture.



We are the best agri-partner in the 21st century.

*Please note that specifications provided here may change without notice due to product improvements or other reasons.

Website: <http://www.toyonoki.co.jp>

Farm safety is our mission.

We are your agri-partner.



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