# SANYOMETAL

# PRODUCT CATALOGUE

SANYO METAL WORKS https://www.sanyo-mt.co.jp/en/

## Management Policy

# "Provide quality with peace of mind and satisfaction."



### <Miki is the world-famous city of cutting tools>

Sanyo Metal is located in Miki City which is famous for cutting tools for more than 400 years. Four of our factories are in this city and we manufacture high-quality cutting tools and blades for use in agricultural, gardening, horticulture, and forestry machinery.

### <"Made in Japan" "Made by Sanyo">

Sanyo Metal produces high-quality products by an integrated manufacturing system with various types of machines, equipment, and the latest facilities.

Employees use creativity and ideas to enhance operations, improve safety, and reduce the costs of products to deliver reliable products to customers through strict quality inspections targeting all products. Sanyo Metal is committed to satisfying the needs of our customers and contributing to the society by developing better products.











Tomoe 1st factory



To become a company that is trusted by societies

TECHNOLOGY

- 1. Produce trustworthy products
- 2. Establish trustworthy technologies
- 3. Develop trustworthy people

## Vision

We aim to achieve lasting growth as a company that provides reliable quality products based on the theme of safety and peace of mind through environmentally friendly technology to the world.

# Mission

- (1) We hope that users around the world will enjoy using our products, and will contribute to enriching societies.
- 2 We contribute to local societies through business and do our best to make our employees, their families, and everyone related to our company happy.

Head Quarters

Torimachi 2nd factory

Tomoe factory



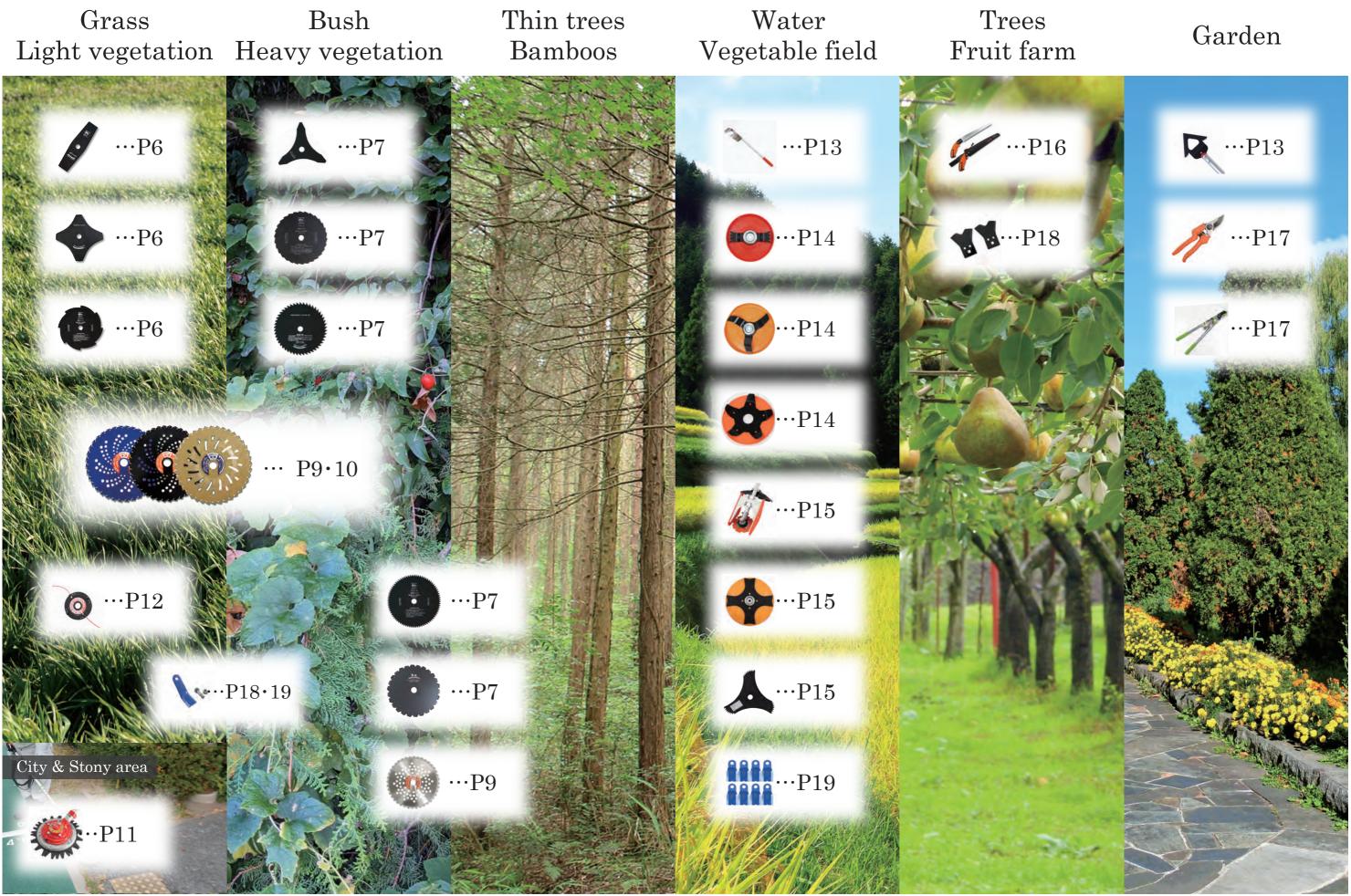


Hyogo "Only-One" companies

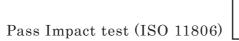


地域未来牽引企業 **Companies** Driving Regional Growth

# Contents



# Brush Cutter Blade







## Economic - Can be used on both sides



Code	Specification	Qty/Carton
420	$2T \times 255 \times 1.6A \times 25.4$	60
422	2T×305×1.6A×25.4	60
427	2T×305×1.8A×25.4	60
428	2T×305×2.0A×25.4	60

Specification

 $2T \times 255 \times 1.6B \times 25.4$ 

2T×305×1.6B×25.4

 $2T \times 305 \times 2.0B \times 25.4$ 

 $2T \times 355 \times 2.0B \times 25.4$ 

Specification

Qty/Carton

60

60

60

40

Qty/Carton

60 60

11 H	
	2T (B)





	437	$2T \times 255 \times 1.8WR \times 25.4$
-	438	2T×305×1.8WR×25.4
_		

Code

421

423

429

439

Code

4T Economic - Can be used on both sides





Code	Specification	Qty/Carton
125017	E4T×230×1.8×25.4	25
125018	E4T×255×1.8×25.4	25



Code	Specification	Qty/Carton
125011	$8T \times 230 \times 1.4 \times 25.4$	25
125009	$8T \times 255 \times 1.4 \times 25.4$	25







Point

- Sharp teeth shape
- 2 side grind teeth cut trees easily.
- Chainsaw shaped teeth grab the objects surely and cut very well.





## Economic - Can be used on both sides

Specification	Qty/Carton
KE3T×255×1.8×25.4	25
KE3T×255×3.0×25.4	25
KE3T×305×3.0×25.4	25
KE3T×305×4.0×25.4	25
	KE3T×255×1.8×25.4 KE3T×255×3.0×25.4 KE3T×305×3.0×25.4

## More teeth and Less debris scattering

Code	Specification	Qty/Carton
125005	30T×255×1.4×25.4	25
125023	$50T \times 250 \times 1.8 \times 25.4$	25
125014	80T×200×1.6×25.4	25
125010	80T×255×1.4×25.4	25



<i>44</i>	Code	Specification	Qty/Carton
	0340	24T×225×1.8×25.4	25
	0341	$26T \times 250 \times 1.8 \times 25.4$	25

# Tungsten Carbide Tipped Saw (TCT Blade)

## **Features and Benefits**

Sanyo's TCT blades are used pure tungsten carbide.

It is hard to wear out and it keeps sharpness for a long time.

Also, the Tips of the saw blade are very hard to fall off by Sanyo's original brazing technique. Recommended for all users because the blades can

be used longer time safely without maintenance. And thanks to its hard tip, it is good to use from Light to Heavy vegetation.

### How TCT blades are made?



(1)Pressing



**6**Washing



()Shot blast



<sup>12</sup>Packing



(Making teeth shape)



(5)Brazing



(8) Inspection for brazing points of all blades



(Inspection for all blades



↑ Tip brazing durability test



↑ Impact test (ISO 11806)



③Heat treatment
(Quenching & Tempering)



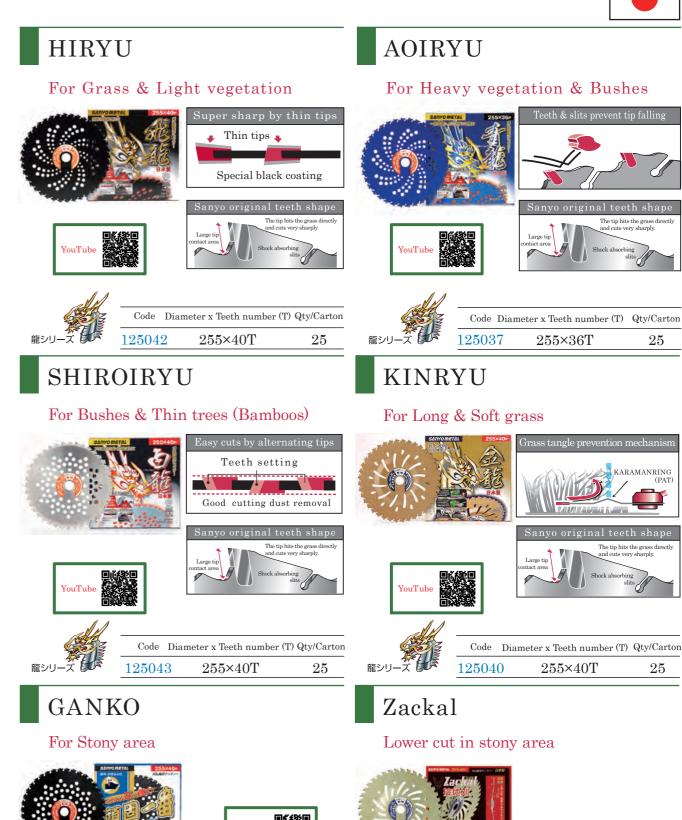
Grinding blade body for brazing



⑨Surface finish
(Plating • Painting)



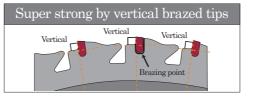
**O**Grind and sharpen the tips

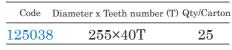




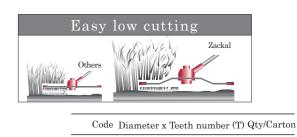












125041

25

255×40T

# 24T STANDARD TYPE



By its tip-brazed angle and original bump, the blade life becomes much longer.

By large space between teeth, the teeth gather grasses a lot once and cut sharply.

> Code Diameter x Teeth number (T) Qty/Carton 125029  $255 \times 24T$ 25

## 40T STANDARD TYPE



•You don't get tired and sick because it has very few vibrations.

• Up to 5cm thin trees and bamboo, can be cut too.

Code	Diameter x Teeth number (T)	Qty/Carton
125027	$255 \times 40 T$	25

# Accessary

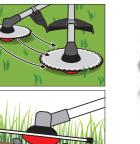
Improve your work more efficiently.





Light & Tough

The bowl rotates with blades so your work becomes much easier. Super lightweight: 70g  $\rightarrow$  You don't get tired!



24

Code Qty/Carton

0836





HEXAGON BLADE Grass tangle prevention parts for brush cutters

TUNGSTEN

strong blade body without holes.

125026

• For battery and electric brush cutters.

Ideal for use at low RPM.

0112

From garden maintenance to forest-side

Can cut up to 5cm thin trees thanks to its

Code Diameter x Teeth number (T) Qty/Carton

25

25

For Batterv machines

255×36T

36T

maintenance, perfect.

**3S WHITE** 

Õ

### Decreasing grass entanglement dramatically

- The blade cuts grasses on the blade so,



Code Qty/Carton

24

0786

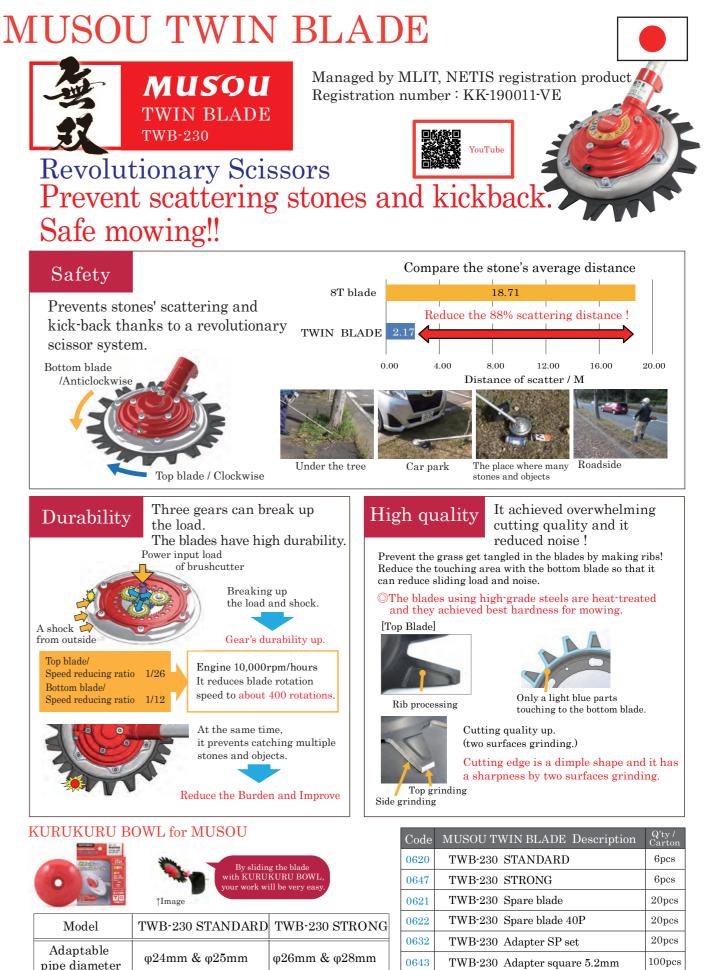
Code Diameter x Teeth number (T) Qty/Carton

230×32T

- you are free from the stress of tangled grass!
- Adaptable for blades and nylon trimmer line
- 2 pcs/set



## MUSOU TWIN BLADE TWB-230



	with KURU	g the blade KURU BOWL, ill be very easy.
Model	TWB-230 STANDARD	TWB-230 STF
Adaptable pipe diameter	φ24mm & φ25mm	φ26mm & φ28
Attached drive shaft adapter	Οφ6·10 Οφ7·7 Οφ7·13	

\*Please select proper TWB-230 according to your brush cutter



# **36T STANDARD TYPE**



0648

0837

\*The products listed in this catalog are subject to change in specifications or appearance for improvement without announce.

KURUKURU BOWL for MUSOU

TWB-230 Collar for 25.4mm

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24pcs

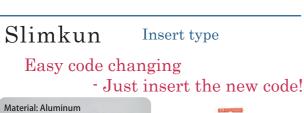
# Nylon cutter



Easy 3-step Insert, Hook, Set!

# Safety cutter E3 Insert type









Only 120g - Lightest model

Code	Name	Qty/Carton
0552	Slimkun	60
0559	Spare code	60

0552:Diameter 120mm Height 14mm Orange circle 3.0mmx20cm 8 pcs 0559:Orange circle 3.0mmx20cm 30 pcs

Nylon coo Strong and Sha Aluminum-conta	arp!		<u>P</u>	Aledge
	ming			
Aledge 3 Twist		3.4mm thi	ickness	_
	Code	Length	Carton	Aledge
	0532	50m	24	
Aledge 4 Straig	ght	2.4mm thi	ickness	
	Code	Length	Carton	Aledge
	0502	50m	30	
	0503	100m	24	
Aledge 4 Twist		2.4mm thi	ickness	
(File)	Code	Length	Carton	Aledge
	0507	50m	36	

Code Qty/Carton Name 0925 Safety cutter E3 20200926 Spare code 20cm Aledge 4 Straight 0927 Spare code 20cm Aledge 3 Twist 200925:Diameter 100mm , Height 20mm

Washer, Aledge 4 Straight 3 Twist 20cm 10 pcs/each (Total: 20 pcs) 0926: Aledge 4 Straight 2.4mm×20cm 50 pcs 0927: Aledge 3 Twist 3.4mm×20cm 30 pcs

ERBA AE Manual wind-up type

## Strong Aluminum body



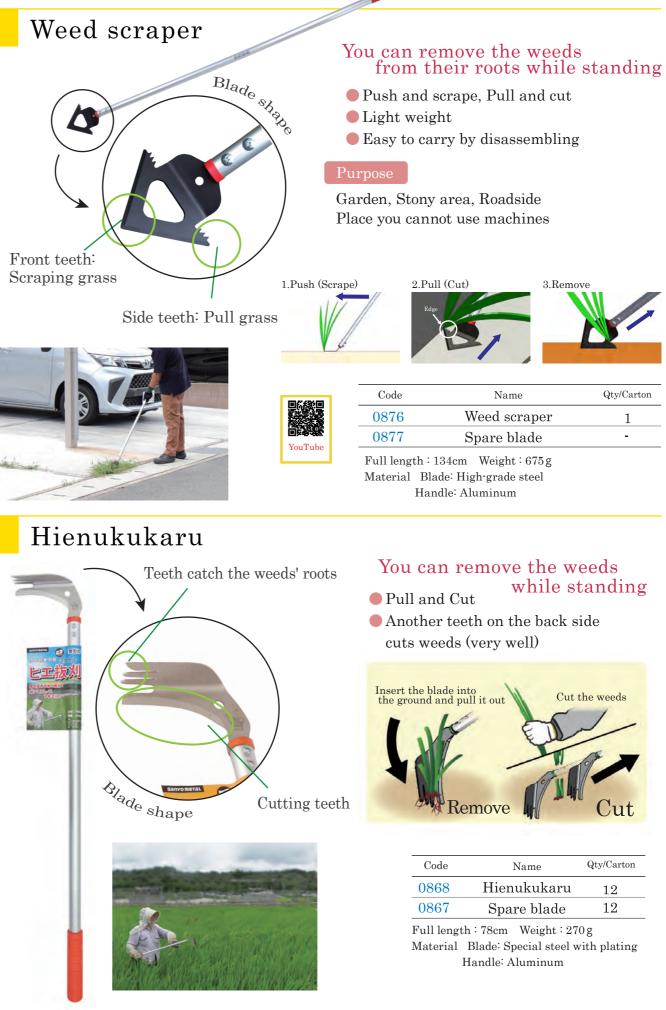
Can be replaced while attached to the brush cutter!

Name	Qty/Carton
ERBA AE	50

Square 2.2mmx0.5m 2 pcs

Aledge 5 Straig	ht	2.7mm th	ickness
	Code	Length	Carton
	0512	50m	30
	0513	100m	24
Aledge 5 Twist		2.7mm th	ickness
	Code	Length	Carton
	0517	50m	36
Aledge 6 Straig	ht		
Aledge 6 Straig		3.0mm th	
Aledge 6 Straig	ht Code	3.0mm th Length 50m	
Aledge 6 Straig	Code	Length	Carton
Aledge 6 Straig Aledge 6 Twist	Code 0522	Length 50m	Carton 30 24
	Code 0522	Length 50m 100m	Carton 30 24

# Hand tools



(\*\*0508 100m = Bobin type)



Code	Name	Qty/Carton
0868	Hienukukaru	12
0867	Spare blade	12

# Vegetable fields • Water fields



Lightweight but super sharp.

also battery and electricity types.

### Hatake no shaver L (Light) Good for not only petrol engines but



- The jugged teeth eliminate the weeds from their roots.
- No damage to crops and fruit trees.
- No crouching No pain You can work while standing.

# Hatake no shaver DX



Design acquired

PAT

- Easy mowing
- No damage to crops and fruit trees.
- No crouching No pain You can work while standing.

Its compact size makes it ideal for areas

that cannot be done with large machines.

# Mizukusa cutter



Easy mowing

- Stir the mud in the water and eliminate weeds with their roots.
- For rice fields, this is perfect. (Recommended 1 week to 1 month after rice planting)
- By stirring mud, rice plants get stimulated and grow strongly.



Ļ			
'ode	Namo	Diameter x Teeth number (T)	(

Code	Name D	iameter x Teeth number (T)	Qty/Carton
857	Mizukusa cutter	$135 \times 5T$	60

# Nakaboshi no tatsujin



Adjustable mowing height

Easy setting



Со 08 08

# Protect cutter

• Very good for rice and vegetable

(soybean and corn etc...) fields.





- PAT
- The yellow cover prevents the blade from cutting poles and fences.
- Super sharp by Sanyo's technique.
- Economical The blade can be used on both sides.







Set to brush cutter like other blades. Reduce fatigue thanks to standing work.

- Sanyo's original teeth catch grass
  - firmly, so you can cut a lot at once.

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Less water splash

No damage to rice plants



Code

0830

0831



Code	Name	Diameter x Teeth number (T)	Qty/Carto
0863	Hatake no shaver I	DX 158×3T	40

0863	Hatake no shaver DX	158×3T	40
0864	Spare blade	$158 \times 3T$	20

Diameter x Teeth number (T) Qty/Carton Hatake no shaver L (Light) 129×2T 40 129×2T 20For a large area

Spare blade

Name



### Weeding without damage to crops





Good for rice fields during the dry season and vegetable fields



ode	Name	Diameter x Teeth number (T)	Qty/Carton
345	Nakaboshi no tatsu	jin —	12
348	Spare blade	130×8T	20

### Very good for mowing around fences and poles



Poles

Fences

Code	Name	Diameter x Teeth number (T)	Qty/Carton
0838	Protect cutter	-	12
0839	Spare blade	200×4T	25

### For sugar cane



Code	Name	Diameter x Teeth number (T)	Qty/Carton
125034	Harvest knife	e 305×3T	20

## Pruning Saw & Scissors プロ剪定 鋸

Pruning Saw/Gardening and Fruit Tree	Code	Description	Blade Length	Q'ty /Carton	Pitch	For use
Homeowners and any type of peoples	1252	UK-2100	210mm	60pcs	3.0mm	
want to cut 15mm to 50mm branches.	1253	UK-2400	240mm	60pcs	3.0mm	
	1254	UK-2700	270mm	60pcs	3.0mm	
	1255	UK-3000	300mm	60pcs	3.5mm	
	Pruning Saw Spare Blade					
	1302	UK-2100K	210mm	12pcs	3.0mm	
- 111	1303	UK-2400K	240mm	12pcs	3.0mm	
	1304	UK-2700K	270mm	12pcs	3.0mm	
	1305	UK-3000K	300mm	12pcs	3.5mm	

KP-2100

KP-2400

KP-2700

KP-3000

KP-2100K

UP-2700K

UP-3000K

Pruning Saw Spare Blade

1272

1273

1274

1275

1322

1314

1315

Pruning	Saw/Fruit Tree	

Fruits Growers and Farms: Artificial Pruning for small branches from 10mm to 30mm



### Pruning Saw/Forest

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Forestry Landscapers and Farmers: Cutting trees and big branches from 50mm to 120mm



Fold	ling Saw	
6		



			1		
1323	KP-2400K	240mm	12pcs	2.5mm	
1324	KP-2700K	270mm	12pcs	2.5mm	
1325	KP-3000K	300mm	12pcs	2.5mm	
Code	Description	Blade Length	Q'ty /Carton	Pitch	For use
1263	UP-2400	240mm	60pcs	4.0mm	
1264	UP-2700	270mm	60pcs	4.0/2.5mm	
1265	UP-3000	300mm	60pcs	4.0/2.5mm	
Prunin	g Saw Spare Blac	le			6
1313	UP-2400K	240mm	12pcs	4.0mm	

210mm

240mm

270mm

300mm

210mm

60pcs

60pcs

60pcs

60pcs

12pcs

12pcs

12pcs

2.5mm

2.5mm

2.5mm

2.5mm

2.5mm

4.0/2.5mm

4.0/2.5mm

 $\times \text{UP-2700}$  & UP-3000's tip have 2.5mm pitch teeth. By it, you can start cutting very smoothly.

	Code	Description	Blade Length	Q'ty /Carton	Pitch	For use
	1292	FS-2400	240mm	60pcs	4.0mm	
220	Pruning Saw Spare Blade					
	1336 FS-2400K		240mm	12pcs	4.0mm	

270mm

300mm

① Impulse hardening	
Impulse hardening produces ultra-hard edges.	
2 A ripsaw	Impulse hardening
Allows effortless vertical, horizontal, and diagonal cutting thanks to the use of rip blade.	nonna
③ Hard chrome plating HC	A ripsaw
Hard chrome plating resists rusts and the adhesion of tar.	Hollow
(4) Hollow grinding	A BILLING
The polishing to reduce thickness at the center of a blade eliminates the necessity of alternate top bevels and produces clean cut surfaces.	A ripsaw

The ergonomic design allows you to have the saw for a long time without getting tired.

<sup>(5)</sup> Comfortable grip

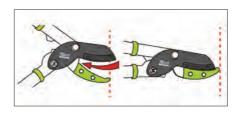
### Pruning Scissors ZS-185/210 Promise comfortable long work by its incredible sharpness.





# Loppers ZL-500/650







Anvil Since you cut a branch as if a kitchen knife and a chopping board, the cutting surface is beautiful. The branch does not wither or become sick easily. The inside and outside of the upper blade performed double grinding so it could cut well.

[Gear type] gear structure. these Loppers easily.



# プロ剪定 鋸 ゲクパ

### ZACT Scissor blade

**1** High-grade material specialized for a blade with plating. Tough and sharp teeth. The chrome bolt always keeps the blades tightly.

### ZACT Scissor grip

- Shock absorbing cushion.
- 4 A plate also holds blades tightly.
- **5** A lever that can be easily opened
- and closed with your thumb.
- 6 Light-weight and Anti-slip hard grip.



Code	Name	Length(mm)	Carton
1220	ZS-185	185	60
1221	ZS-210	210	60

From cutting thick branches to post-processing of pruning. Everyone can cut easily.

- Because it's light-weight,
- everyone can use it without stress.
- Beautiful cutting surface.
- By gear mechanism,
- it can cut even thick branches.
- For post-processing, this lopper is perfect.

Code	Name	Length(mm)	Carton
1207	ZL-500	500mm	6
1208	ZL-650	650mm	6

- Cut 30mm diameter branches easily by
- Even women and elderly people can use





# Ride - On • Self - Moved Mower blade



Qty/Carton 20set

Adaptable machines

CANYCOM · MARUYAMA

OREC · KIORITZ

ISEKI AGRI · FUJII

OREC · KIORITZ ISEKI AGRI · ATEX

Qty/Carton 100set (2pcs/set)

# Ride-On Mower free-knife

W cut u Under k			70 rectangular kni	è	Nut guard Collar Bolt	
<ul> <li>2 st redu</li> <li>Gri</li> <li>By it a</li> <li>Up</li> </ul>	ry sharp Y-shaped knife tep cutting teeth significantly aces uncut grass. Inded teeth using spring material, chieves incredible durability. per knife has reverse tooth that is istant to soil abrasion and rough terra	in.		Comparison of Cutting height Durability	Upper knifeUnder knifebugh grassSoft grassHighLowImage: Content of the second s	
Code	Name	Size		Adaptable	machines	
0464	W cut 60 Under knife (Blue)	140×60×6.0	OREC         RM80, 81, 82         RMJ800           KIORITZ         RM80, 81         ISEKI AGRI         ARM81           CANYCOM         CM181, 182, 211, 212, 220, 221, 223,1401,1402, 1502, 1603, 1801,2103, 2104, 2203         CMX222			
0465	W cut 60 Upper knife (Red)	X	MAMETORA FUJII	MARUYAMA MGA183, 210, 211, 212, 213, 220, 223, 228, MPM187, 950, 1350 MAMETORA MPM187, 950, 960,1350 FUJII MB1018, 1021 ME1017X he Installation point width is 60mm and using an M12 bolt, it will		
0466	W cut 70 Under knife (Black)		9 1	2M83, 85, 86, 88, 95, 97, 98 51, 953, 980, 981,982, 983, 61,180, 1600 RMT110(4p 2M86, 97, 98, 830, 831, 881	984 RMK150, 151, 160, cs / required 2sets)	
0467	W cut 70 Upper knife (Silver)	r) 145×70×6.0	g I		, 961 RMK160, 161, 1600	
0489	70 rectangular knife (Black)	•	ISEKI AGRI A H MARUYAMA M	IGA163,165		
				Qty/Car	rton 10set (2pcs/set)	
Code	Name		Conten	ts		
0475	M12 bolt set	Bolt 12x35, N	ut M12, Nut	guard M12 1 pc	c/each	
0476	M14 bolt set	Bolt 14x35, N	ut M14, Nut	guard M14 1 pc	c/each	

Size

Outer diameter21.7mm/Inner diameter12.8mm/Thickness6.5mm

Outer diameter20.0mm/Inner diameter12.5mm/Thickness6.6mm

Outer diameter20.8mm/Inner diameter14.2mm/Thickness6.7mm

### SP Type Self-Moved Mower free knife Material: SUP10 Thickness: 3.2mm







Adaptable machines
OREC · ISEKI AGRI
SP301, 301A, 431F, 851AF,
852AF, 852F, 853
KIORITZ AZ301, 301A, 431F, 851AF,
852AF, 852F, 853
*SP301&AZ301
- 4 pcs/machine without washer.
$\rightarrow 1 \text{ set} = 2 \text{ machines}$



### Qty/Carton 10set

%1set contents : Knife 8 pcs/Bolt 4pcs/Nut M10 6pcs (Knife4pcs · Substrate 2pcs) / Spring washer 10mm 2pcs/Washer 10x30x3.2mm 2pcs

## Hammer Knife Mower blade Hammer Knife Mower bolt set (Forged blade) Material: SUP10 Thickness: 4.5mm





<sup>★</sup>2 bolt sets / 1 knife set (2 pcs)

Name

ACollarM12

BCollarM12

DCollarM14

Code

0471

0472

0474



### WM Type Self-Moved Mower free knife Material: SUP10 Thickness: 3.2mm



%1set contents : Knife Spcs/ Body Installation Bolt 4pcs/Bolt 4pcs/Nut M10 4pcs/ Spring washer 8mm 4pcs/Washer 12.5×22×2.3mm 4pcs

## Strong and durable blades cut and shred the grass

### Usage

Mowing in the orchard like apples and grapes.

Grass cutting in large areas like fallow fields, vacant lots, parks, riverbeds, etc...

Stem and leaf processing • Shredding of leaves etc...



# SANYO METAL WORKS Co., Ltd.

301-1, Torimachi, Miki, Hyogo, 673-0456, Japan TEL:+81-794-83-5100 FAX:+81-794-83-6007 Mail: export-dept@sanyo-mt.co.jp



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YouTube QR code AGENT