

2020-2021
gray
snowboards
Perfect guide



gray
snowboards

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GRAY SNOWBOARDS



Gray Snowboards was established in 1998 with an intention to deliver truly controllable snowboards to all riders. An individualistic capability of product development and design enables Gray to build solid position as a high-spec snowboard maker even though the company has no own factory.

Unlike OEM companies which apply graphics on ready-made shaping dies, Gray has own shaping dies based on specially calculated and designed 3D arc as well as core profiles uniquely engineered in accuracy of 1/100mm.

The essence of Gray technology is understood as a combination of intuitive inspiration and repeating sophisticated field tests to verify the inspiration from technical point of views. Currently Gray has several co-manufacturers in Europe and China as well as in Japan and is always striving to develop ideal snowboards.



Gray Lab Products with the concept of "Engineered with Gray progressive inspiration are snowboards designed innovative inspiration."

Advanced Technology of snowboards design.

A key focus of product development for Gray FREESTYLE CATEGORY is performance of turn.

Expertises cumulated with product development for Carving CATEGORY are fed back to improvement of every FREESTYLE snowboards.

There are various snowboarding styles and appeals in FREESTYLE CATEGORY.

But real technique is endorsed by speed and high quality turns.

Our test riders in the play field of Half Pipe, Big Air and Ground Trick are always discussing how we can make our FREESTYLE Snowboards better. Discussion with R&D team sometimes starts from scratch.

In CARVING CATEGORY, Redesigned core profile of snowboards like metals and grass fiber allows the evolution of snowboarding performance.

You have chances to ride & test the advanced Gray snowboards 20-21 line up on snow demo.

F R E E S T Y L E C A T E G O R Y

GENIUS

SINGLE CAMBER

ALL MOUNTAIN	■
SPEED STYLE	■
PARK RIDING	■
STREET STYLE	■
GROUND TRICK	■
FLEX RATE	■

PRODIGY

SINGLE CAMBER

ALL MOUNTAIN	■
SPEED STYLE	■
PARK RIDING	■
STREET STYLE	■
GROUND TRICK	■
FLEX RATE	■

EPIC

ACTIVE CAMBER

ALL MOUNTAIN	■
SPEED STYLE	■
PARK RIDING	■
STREET STYLE	■
GROUND TRICK	■
FLEX RATE	■

Lovebuzz 56

S-LOW CAMBER

ALL MOUNTAIN	■
SPEED STYLE	■
PARK RIDING	■
STREET STYLE	■
GROUND TRICK	■
FLEX RATE	■

Lovebuzz 56.5

VARIO CAMBER

ALL MOUNTAIN	■
SPEED STYLE	■
PARK RIDING	■
STREET STYLE	■
GROUND TRICK	■
FLEX RATE	■

Lovebuzz 57 [Rocker]

POWDER ROCKER

ALL MOUNTAIN	■
SPEED STYLE	■
PARK RIDING	■
STREET STYLE	■
GROUND TRICK	■
FLEX RATE	■

Lovebuzz 57 [Camber]

SINGLE CAMBER

ALL MOUNTAIN	■
SPEED STYLE	■
PARK RIDING	■
STREET STYLE	■
GROUND TRICK	■
FLEX RATE	■

R.P.M.-Ladies

HYBRID CAMBER & ROCKER

ALL MOUNTAIN	■
SPEED STYLE	■
PARK RIDING	■
STREET STYLE	■
GROUND TRICK	■
FLEX RATE	■

R.P.M.-Men

HYBRID CAMBER & ROCKER

ALL MOUNTAIN	■
SPEED STYLE	■
PARK RIDING	■
STREET STYLE	■
GROUND TRICK	■
FLEX RATE	■

TRICKSTICK

ACTIVE CAMBER

ALL MOUNTAIN	■
SPEED STYLE	■
PARK RIDING	■
STREET STYLE	■
GROUND TRICK	■
FLEX RATE	■

Lovebuzz 51

S-CAMBER

ALL MOUNTAIN	■
SPEED STYLE	■
PARK RIDING	■
STREET STYLE	■
GROUND TRICK	■
FLEX RATE	■

Lovebuzz 53

FLAT&ROCKER

ALL MOUNTAIN	■
SPEED STYLE	■
PARK RIDING	■
STREET STYLE	■
GROUND TRICK	■
FLEX RATE	■

SOLID

SINGLE CAMBER

ALL MOUNTAIN	■
SPEED STYLE	■
PARK RIDING	■
STREET STYLE	■
GROUND TRICK	■
FLEX RATE	■

CUB-X

SINGLE CAMBER

ALL MOUNTAIN	■
SPEED STYLE	■
PARK RIDING	■
STREET STYLE	■
GROUND TRICK	■
FLEX RATE	■

CUB

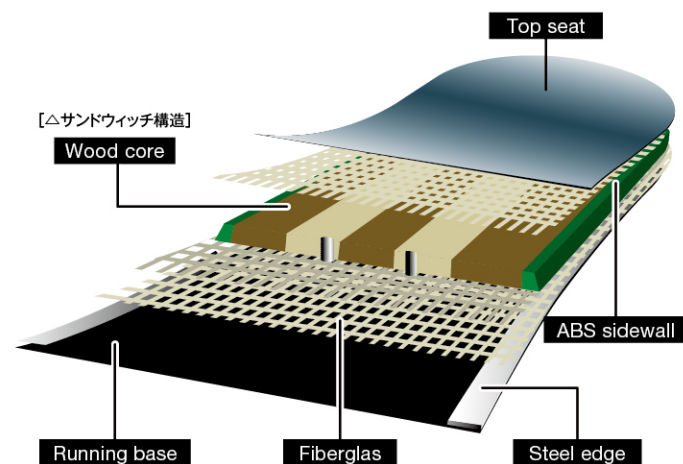
SINGLE CAMBER

ALL MOUNTAIN	■
SPEED STYLE	■
PARK RIDING	■
STREET STYLE	■
GROUND TRICK	■
FLEX RATE	■

ENGINEERING & TECHNOLOGY

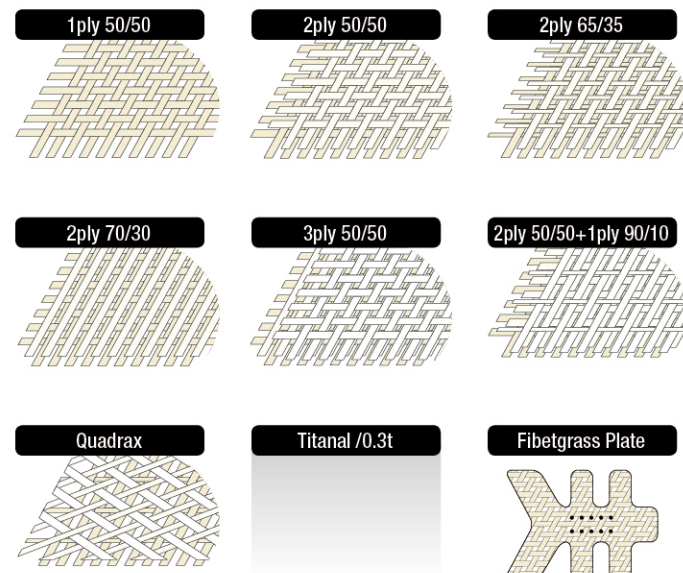
CONSTRUCTION

All models in 2019-2020 season have structure of the sandwiched wood core. There are several types of the sandwiched wooden core for best matching to character of each model. The cores are defined by combination of various type of wood and different type of sandwiching materials such as carbon fiber, PE material and titanium ribbon. The combination of different materials enables to provide both stiffness and flexibility in high level.



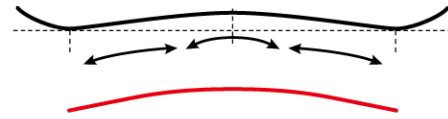
REINFORCEMENT / FIBERGLASS & METAL

<input type="checkbox"/> 1ply	■ 65/35
<input type="checkbox"/> 2ply	■ Quadrax
<input type="checkbox"/> 3ply	■ Titanal
■ 50/50	■ Fiberglass Plate



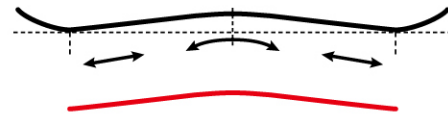
ARCHES GEOMETRY

SINGLE CAMBER



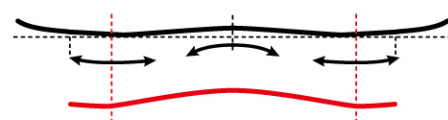
Camber-tech for purely focusing on free-ride. Board center has a tight arc while both ends are with slight arc. This makes more repulsive force when snow-contact-points come closer to the board center with pliancy of the board.

ACTIVE CAMBER



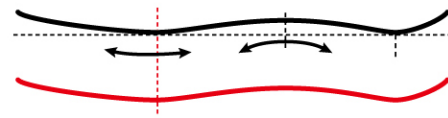
Compared to ordinal Camber, the camber angle to snow-contact-points are slightly flat. This makes snow-contact-points come closer to board center more when weighted, and provides better rotational performance with less pressure at both ends. This is a next generation arc which gives fancy footwork while reasonable camber feeling is reserved underfoot.

VARIO CAMBER



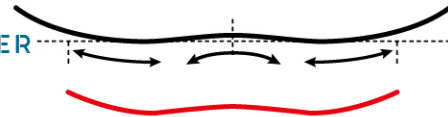
Evolutional arc which enables variable effective edge-length by pressure intensity and edging angulation. Snow-contact-points are set closer to board center and gives better handle-ability in low speed riding. The effective edge-length becoming longer in high speed riding gives stability and high gripping in high speed turning.

S-CAMBER



It is S shape camber & rocker which has slight rocker arc from nose age to board center and camber arc underfoot. This shape is designed for all mountain ride such as deep snow, grooming slope and various terrain. The S-camber provides you a new riding-feel with less conflict around nose edge by rocker arc as well as sharp riding-feel.

HYBRID CAMBER & ROCKER



Low camber & rocker has a slight camber arc between foot and rocker arcs outside foot. Rocker arc in overall shape gives reasonable severe-less feel in general but can also give sharp edging when an edge is angulated. This can be said combination of good points for rocker arc and camber arc.

POWDER ROCKER



Rocker arc in overall shape and the apex of arc is located slight closer to tail end. The magic arc enables that nose end of the board is easily lifted when rider weights on his or her bag leg. Not tight arc between snow-contact-points also enables stable riding even on grooming slope.

CORE CONSTRUCTION

Core construction: Structure and combination

Different types of wood have different characters. Meantime, different characteristics are required by sections of snowboard. To make high spec snowboards, it is required to reconcile 2 opposing elements i.e. intensity and lightness in high level. We carefully select best matching materials for each section. A strong wood with high density is used for the section requiring stiffness and a right weight wood is used for the section required lightness. It is one of key unique technology of Gray which is called as "100% wooden complex core" to achieve light and strong.

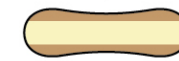
<input type="checkbox"/> Japanese Cypress	Light but stiff
<input type="checkbox"/> Poplar	Reasonably stiff and light with consistency
<input type="checkbox"/> Japanese Beech	Stiff and strong with high density
<input type="checkbox"/> Paulownia wood	very light with weak structure against pressure
<input type="checkbox"/> Walnut	very light but not so strong
<input type="checkbox"/> Soft maple	light with low density

Super Light Core



Light Maple is used for insert holes section and edge section while main body is made of Walnut. The core is designed for Epic. Combination of the core construction and fiberglass plate realizes high repulsive force even light weight.

Ultra Light core



Japanese Cypress is widely used along with both side edges while main body is made of Paulownia wood. This core construction is effective to realize light weight but has disadvantage in strength. The disadvantage is covered by fiber glass layers. Combination of siding Paulownia wood and fiber glass gives sufficient repulsiveness and tenaciousness to the snowboard even in the lightest weight.

STD core II



Soft maple is used for center and both edges sections while Walnut is a base.

Light core



Poplar is only material for the core construction. Lightness and strength are well balanced. Giving Quadrax glass on the core profile provides sufficient repulsiveness and tenaciousness to the snowboard in light weight.

SIDE CUT

Radial Sidecut



A large single arc is used for side cut. The side cut works effectively for any riding style. It supports natural and smooth curving in any situation.

TripleRadius Sidecut



3 of arcs combination is used for side cut. In Gray's production, a small radius arc is set underfoot and 2 larger radius arcs are given both nose and tail ends. It shows quick response at beginning of turning or jib trick, and provides stable edge grip during high speed riding. Release of edge at end of turning or takeoff from kicker can be done smoothly.

MultiRadius Sidecut

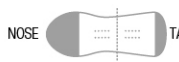


Multi-radius side cut consists of 5 arcs. The smallest arc is at the center of snowboard and large arcs are on each side, the largest arcs are at board end. It is special side cut.

SHAPE

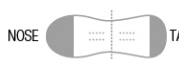
Gray snowboards can be categorized in 3 groups by shape of nose & tail and its length.

Directional Shape



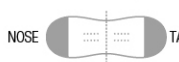
Directional shape has clear traveling direction. Slightly long nose can be responsive to any snow conditions. Tail length is relatively shorter so as not to sacrifice switch riding.

Directional Twin Shape



An intermediate shape between Directional shape and Twin shape. Slightly longer nose than tail can enhance ride-ability on powder snow and bad snow condition without sacrificing spinning and switch riding. It can be said the most multi-purpose shape.

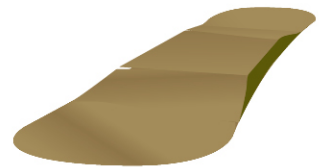
Twin Shape



Same shape and same length are given to both nose and tail. No difference is aware between traveling direction and switch riding.

CORE PROFILE

Core profile means thickness of board from nose top to tail end (balance). 3 different types of core profile deliver respective riding feels.



Positive



Thickness of core underfoot is convex. Either end of underfoot is thinner. Rider can feel solidness with the sole of the foot given by thickness of core and can make stabilized turn even at high speed range.

Even



Core between both feet is slightly thinner. It is an intermediate profile between Positive Profile and Negative Profile. Slightly thinner core can make torsion effect which enhances response and realize easy handling as well.

Negative



Core between both feet is significantly thinner. It gives strong torsion effect and the snowboard bows around center of the board. As the result, rider can feel quick response. Rider also can make angulation edging angles differently at front foot and at back foot. The subtle riding technique is very effective for technical riding.

FLEX

Twin Flex



Symmetric flex pattern. Center stance is a basic.

Directional Flex



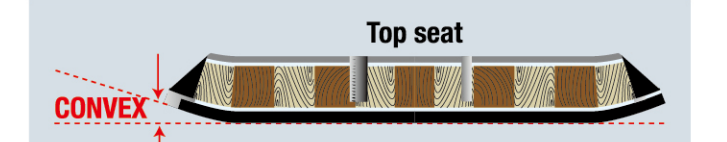
Stiffer flex is given tail-end side. Set-back stance can be supported by stiff tail.

STIFFNESS

Flex of snowboard is indicated on a scale of 1 to 10. (10 means the most) N-W-T means Nose, Waist and Tail. If scale of Nose and Tail, the snowboard is called Twin Flex. If not, it is considered as Directional Flex.

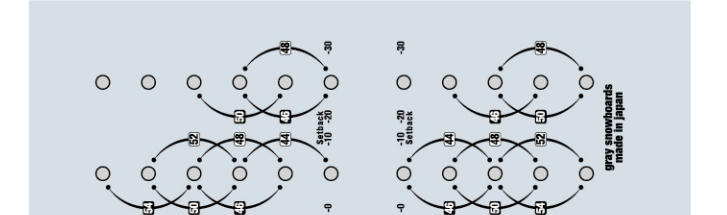
STIFFNESS		
3.6	3.8	3.6
N	W	T

CONVEX BASE



It is important that sole of snowboard should be flat or convex. If it is concave, the snowboard is hard to turn and tough to control. Gray finishes the sole of all our snowboards including Alpine boards with convex shape. Degree of convex is controlled precisely specialized to each model.

STANCE WIDTH & SETBACK



All of Gray snowboards have 2 X 4 cm of insert holes to give flexible stance and set back. No special recommendation for stance and set back is given by Gray because rider's height and preference are varied. We also want riders to make own set back with their preferences. Riding feel changes with set-back. Even the same snowboard, riding feed is totally changed by set-back stance and by center. Gray designs thickness of core to deliver 100% of performance of the snowboard in any binding settings and verifies on the snow test.

GENIUS

¥89,000 (+tax)

For Jib, Slope Style and Big Air ...
High-end model with Twin Tip / Middle Flex.

GENIUS has orthodox Single Camber & twin tips. Short full-twin shape of Genius has excellent flex balance. It promises riders smoothtaking-off from kicker and stable landing.Genius superbly harmonizes 2 opposite factors i.e. edge grip in free run and repulsive character. Further improved flex in 20-21 model enhances stability in middle to high speed range while achieving excellent controllability in Jib riding.

MODEL	Genius 40	Genius 44	Genius 49	Genius 52	Genius 55
Length	1400	1440	1490	1520	1550
Effective Edge L.	1090	1130	1170	1200	1230
Contact Length	1040	1080	1120	1150	1180
Waist Width	235	238	246	248	250
Sidecut Radius	7800/7500/7200/ 7500/7800	8200/7900/7600/ 7900/8200	8600/8300/8000/ 8300/8600	8800/8500/8200/ 8500/8800	9000/8700/8400/ 8700/9000
Sidecut Offset	0	0	0	0	0
Nose Length	180.0	180.0	185.0	185.0	185.0
Nose Width	273.0	277.0	286.0	289.0	292.0
Nose Hight	45.4	45.4	46.9	46.9	46.9
Tail Length	180.0	180.0	185.0	185.0	185.0
Tail Width	273.0	277.0	286.0	289.0	292.0
Tail Hight	45.4	45.4	46.9	46.9	46.9
Camber	8.0	8.0	10.0	10.0	12.0
Rocker	---	---	---	---	---
Stance Width	440-560	440-560	500-620	520-640	520-640
Insert Quantity	12+12	12+12	12+12	12+12	12+12
Stance Setback	0	0	0	0	0
EDGE	2.0mm/stainless				
Running Base (material)	IS R2118				
Sidewall	BLACK				
Core Profile	negative				
Stiffness	2.5 3.5 2.5 N W T	3.5 4.5 3.5 N W T	4.5 5.5 4.5 N W T	5.0 6.0 5.0 N W T	5.5 6.5 5.5 N W T

made in
JAPAN
- AG -



20/21 MODEL FUNCTION

- Ultra-light weight core.
- Full twin shape, Full twin flex.
- High Carbon Stainless steel Edge.
- 5R combination side cut
- High transparent super polymer IS7700 base.
- Printed base.

PRODIGY

¥89,000 (+tax)

High-speed directional twin supported
with glass fiber and carbon robing.

A layer of glass fiber in cross structure underneath carbon core realizes quick response while keeping mild riding feel uniquely given by glass fiber.Combination of a fine outline shape close to twin shape and flex balance with mild in tail is designed for high performance with stability in middle-high speed while keeping controllability in low speed. Prodigy delivers superior performance in all riding situation from super pipe and big kicker to high speed free ride in all mountain.

MODEL	Prodigy 38.5	Prodigy 42.5	Prodigy 46.5	Prodigy 51.5	Prodigy 53.5	Prodigy 55.5	Prodigy 57.5
Length	1385	1425	1465	1515	1535	1555	1575
Effective Edge L.	1060	1100	1140	1180	1200	1220	1240
Contact Length	1010	1050	1090	1140	1160	1180	1200
Waist Width	224	228	234	242	244	246	246
Sidecut Radius	7600/6480/ 7600	7700/6680/ 7700	7800/6880/ 7800	8200/7180/ 8200	8700/7880/ 8700	9020/8080/ 9020	9100/8200/ 9100
Sidecut Offset	0	0	0	0	0	0	0
Nose Length	195.0	195.0	195.0	195.0	195.0	195.0	195.0
Nose Width	261.0	267.0	275.0	285.0	285.0	287.0	288.0
Nose Hight	47.7	47.7	47.7	45.5	45.5	45.5	45.5
Tail Length	180.0	180.0	180.0	180.0	180.0	180.0	180.0
Tail Width	261.0	267.0	275.0	285.0	285.0	287.0	288.0
Tail Hight	40.8	40.8	40.8	38.9	38.9	38.9	38.9
Camber	5.0	5.0	8.0	10.0	10.0	10.0	12.0
Rocker	---	---	---	---	---	---	---
Stance Width	440-540	440-540	460-560	480-600	480-600	500-620	500-620
Insert Quantity	10+12	10+12	10+12	12+12	12+12	12+12	12+12
Stance Setback	10	10	10	20	20	20	20
EDGE	1.8mm/stainless						
Running Base (material)	IS 7500 Natural						
Sidewall	BLUE	YELLOW	MAGENTA	BLUE	BLUE	RED	GRAY
Core Profile	negative						
Stiffness	3.5 5.0 4.0 N W T	4.0 5.5 4.5 N W T	4.8 6.3 5.3 N W T	5.5 7.0 6.0 N W T	6.0 7.5 6.5 N W T	6.5 8.0 7.0 N W T	7.0 8.5 7.5 N W T

made in
JAPAN
- OG -



20/21 MODEL FUNCTION

- Glass fiber + Carbon rod complex structure.
- Advanced STD CORE II.
- 1.8mm High Carbon Stainless steel Edge.
- 3R Side cut.
- Die Cut base.

EPIC

¥89,000 (+tax)

Full Twin Slope Style model
with active camber.

Epic with full twin shape & active camber is developed for slope style.Combination of 3R together with active camber gives moderate pressure at snow-contacting points hence it realizes high gripping but easy handling.Epic exerts all mighty performance from jumping to jib.

MODEL	Epic 34	Epic 38	Epic 44	Epic 48	Epic 51	Epic 54	Epic 57
Length	1340	1380	1440	1480	1510	1540	1570
Effective Edge L.	1060	1100	1140	1170	1190	1220	1250
Contact Length	1010	1050	1090	1120	1140	1160	1200
Waist Width	222	230	238	244	248	250	252
Sidecut Radius	6800/6200/ 6800	7400/6600/ 7400	7800/7000/ 7800	8400/7400/ 8400	8600/7600/ 8600	8800/7800/ 8800	9200/8200/ 9200
Sidecut Offset	0	0	0	0	0	0	0
Nose Length	165.0	165.0	175.0	180.0	185.0	190.0	185.0
Nose Width	262.0	270.0	279.0	285.0	289.0	292.0	294.0
Nose Hight	34.4	34.4	38.3	38.9	41.2	43.2	41.2
Tail Length	165.0	165.0	175.0	180.0	185.0	190.0	185.0
Tail Width	262.0	270.0	279.0	285.0	289.0	292.0	294.0
Tail Hight	34.4	34.4	38.3	38.9	41.2	43.2	41.2
Camber	6.0	7.0	7.0	8.0	8.0	8.0	10.0
Rocker	---	---	---	---	---	---	---
Stance Width	440-520	460-540	480-560	480-600	500-620	520-640	540-660
Insert Quantity	10+10	10+10	10+10	12+12	12+12	12+12	12+12
Stance Setback	0	0	0	0	0	0	0
EDGE	1.8mm/stainless						
Running Base (material)	IS 7500 Natural						
Sidewall	NEON GREEN	NEON RED	MAGENTA	BLACK	PURPLE	BLACK	BLACK
Core Profile	negative						
Stiffness	2.6 2.8 2.6 N W T	3.1 3.3 3.1 N W T	3.6 3.8 3.6 N W T	4.3 4.5 4.3 N W T	4.8 5.0 4.8 N W T	5.2 5.4 5.2 N W T	5.5 5.7 5.5 N W T

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20/21 MODEL FUNCTION

- Newly developed active camber arc.
- Newly developed super light core + glass fiber mesh.
- 1.8mm high carbon stainless steel edge.
- IS75000 Sinterd base.
- Printed base.

TRICKSTICK

¥89,000 (+tax)

Soft Flex & full twin shape specially designed
for Ground Trick.

All elements are specially developed for Ground Trick technique. 20-21 product has stiffer flex outside steps to give more recoil power during trick actions. Flex inside steps is optimized to easy control. It offers pop & flexible ride feel with active camber.

MODEL	Trickstick 38	Trickstick 44	Trickstick 48	Trickstick 51	Trickstick 54
Length	1380	1440	1480	1510	1540
Effective Edge L.	1100	1140	1170	1190	1220
Contact Length	1050	1090	1120	1140	1160
Waist Width	230	238	244	248	250
Sidecut Radius	7400/6600/7400	7800/7000/7800	8400/7400/8400	8600/7600/8600	8800/7800/8800
Sidecut Offset	0	0	0	0	0
Nose Length	165.0	175.0	180.0	185.0	190.0
Nose Width	270.0	279.0	285.0	289.0	292.0
Nose Hight	34.4	38.3	38.9	41.2	43.2
Tail Length	165.0	175.0	180.0	185.0	190.0
Tail Width	270.0	279.0	285.0	289.0	292.0
Tail Hight	34.4	38.3	38.9	41.2	43.2
Camber	7.0	7.0	8.0	8.0	8.0
Rocker	---	---	---	---	---
Stance Width	420-500	440-520	480-560	500-580	520-600
Insert Quantity	10+10	10+10	10+10	10+10	10+10
Stance Setback	0	0	0	0	0
EDGE	1.8mm/stainless				
Running Base (material)	IS 7500 Natural				
Sidewall	MAGENTA	ORANGE	PURPLE	GREEN	NAVY
Core Profile	negative				
Stiffness	2.9 3.0 2.9 N W T	3.4 3.5 3.4 N W T	4.1 4.2 4.1 N W T	4.6 4.7 4.6 N W T	5.0 5.1 5.0 N W T

made in
JAPAN
- OG -



20/21 MODEL FUNCTION

- Evolution of flex pattern for ground tricks.
- Newly developed super light core + glass fiber mesh.
- 1.8mm high carbon stainless steel edge.
- IS75000 Sinterd base.
- Printed base.

LOVEBUZZ

¥89,000 (+tax)

Lovebuzz inspires all mountain free riding.

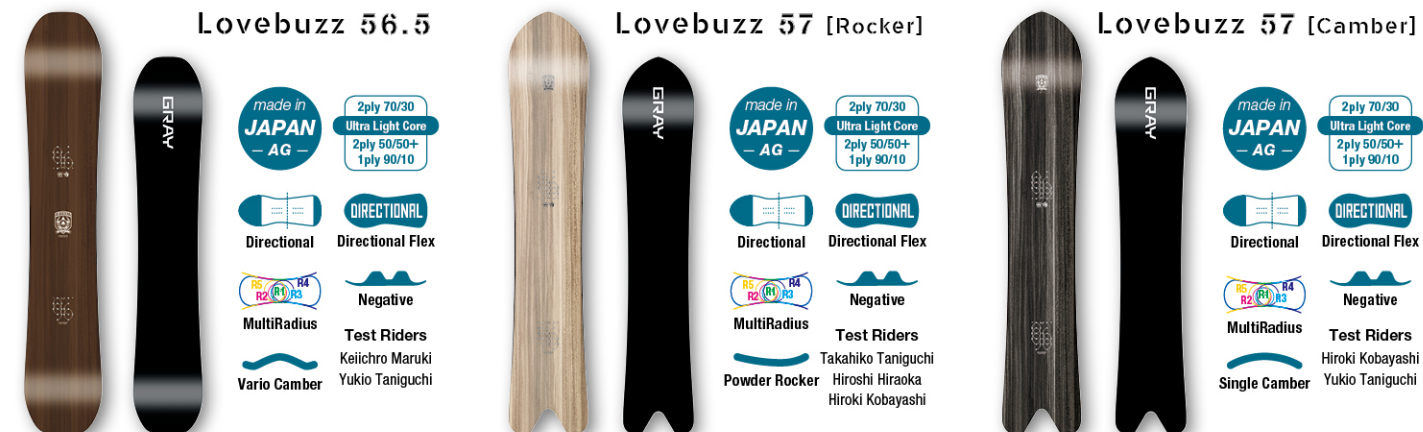
Lovebuzz series are all mountain snowboards which inspire "fun to ride" using any natural terrains of all mountains. Each model has unique arc and out-line shape and is designed to be perfect to any terrains such as groomed slope, natural slope and punch bowl.



Moon-tail model composed of S-camber which gives slight rocker arc in nose and camber arc under foot. All mighty board does well in anything from natural terrains to tree-run.

The board is designed for tailed control turn by 330mm of width, mild long nose and arc-center of side cut set back.

The board is designed for all mountains cruising with mild rocker arc in nose, super low camber under foot. Large nose gives superior buoyancy on powder snow.



The board has valio-camber and directional twin shape. Valio-camber supports both controllability of slid-angle and carving performance. Slight rocker arc in nose helps easy riding in deep snow aside grooming slope.

Despite Powder-rocker design, it is developed to target high performance even in carving on groomed slope. So the word of "for all mountains" is given to the model without doubt. Less taper along the side-cut enhances performance in carving.

Higher carving performance on grooming slope with newly developed camber.

MODEL	Lovebuzz 51	Lovebuzz 53	Lovebuzz 56	Lovebuzz 56.5	Lovebuzz 57 [Rocker]	Lovebuzz 57 [Camber]
Length	1510	1530	1560	1565	1570	1570
Effective Edge L.	1140	1160	1220	1200	1290	1290
Contact Length	920	1040	955	1150	1240	1240
Waist Width	246	254	250	248	251	251
Sidecut Radius	9600	8800/7200/8000	9800/8800/9400	8800/8500/8200/8500/8800	9200/8800/8400/9000/9600	9200/8800/8400/9000/9600
Sidecut Offset	-120	-240	-80	0	-20	-20
Nose Length	460.0	385.0	445.0	215.0	245.0	245.0
Nose Width	291.0	330.0	306.0	289.0	300.0	300.0
Nose Hight	40.4	52.9	64.0	65.5	65.5	65.5
Tail Length	130.0	105.0	160.0	200.0	85.0	85.0
Tail Width	265.0	268.0	273.0	289.0	293.0	293.0
Tail Hight	23.9	13.6	19.7	57.8	21.8	21.8
Camber	8.0	0.0	2.7	4.8	---	6.0
Rocker	---	0.0	---	2.3	6.0	---
Stance Width	500-620	520-600	500-620	520-600	500-620	500-620
Insert Quantity	12+12	10+10	12+12	10+10	12+12	12+12
Stance Setback	40	40	40	30	55	55
EDGE	1.8mm/48RCWL	1.8mm/48RCWL	1.8mm/stainless	2.0mm/stainless	2.0mm/stainless	2.0mm/stainless
Running Base (material)	P-Tex4000Graphite	P-Tex4000Graphite	IS7500 Graphite	IS R2118	IS R2118	IS R2118
Sidewall	BLACK	BLACK	BLACK	BLACK	BLACK	BLACK
Core Profile	negative	negative	negative	negative	negative	negative
Stiffness	5.0 6.5 6.0 N W T	5.5 7.0 6.0 N W T	7.0 8.0 7.5 N W T	7.0 8.0 7.5 N W T	7.2 8.0 7.6 N W T	7.2 8.0 7.6 N W T

R.P.M.

¥64,000 (+tax)

Combination of low camber and rocker arc supports riding and ground tricks in high level.

RPM has hybrid camber/rocker consisting of low camber under foot and slight rocker outside stance. Camber arc under foot enables steady edge grip while rocker arc outside stance eases to control board handling in ground tricks. Flatness at snow contacting points realize easy press control. Repulsive feature given by camber base enables high jumping with smooth tricks. Combined advantage of Camber & Rocker provides high controllability and make it an all-round model.

MODEL	R.P.M. 36 L	R.P.M. 39 L	R.P.M. 43 L	R.P.M. 47 L	R.P.M. 47	R.P.M. 50	R.P.M. 53	R.P.M. 56
Length	1360	1390	1430	1470	1470	1500	1530	1560
Effective Edge L.	1030	1050	1090	1120	1120	1150	1180	1210
Contact Length	660	690	730	760	760	790	820	850
Waist Width	220	232	238	244	244	248	250	252
Sidecut Radius	6200	6400	6600	7300	7300	7500	7700	7900
Sidecut Offset	0	0	0	0	0	0	0	0
Nose Length	195.0	195.0	195.0	200.0	200.0	200.0	200.0	200.0
Nose Width	259.0	271.0	279.0	283.0	283.0	288.0	291.0	294.0
Nose Hight	51.9	51.9	51.9	54.1	54.1	54.1	54.1	54.1
Tail Length	195.0	195.0	195.0	200.0	200.0	200.0	200.0	200.0
Tail Width	259.0	271.0	279.0	283.0	283.0	288.0	291.0	294.0
Tail Hight	51.9	51.9	51.9	54.1	54.1	54.1	54.1	54.1
Camber	4.0	4.0	5.0	6.0	6.0	6.0	8.0	8.0
Rocker	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Stance Width	400-480	420-500	440-520	460-540	480-560	500-580	520-600	540-620
Insert Quantity	10+10	10+10	10+10	10+10	10+10	10+10	10+10	10+10
Stance Setback	0	0	0	0	0	0	0	0
EDGE	1.8mm/stainless							
Running Base (material)	IS 7500 Natural							
Sidewall	YELLOW	PINK	ORANGE	YELLOW	YELLOW	NEON GREEN	PURPLE	PURPLE
Core Profile	negative							
Stiffness	2.5 3.0 2.5 N W T	3.3 3.8 3.3 N W T	3.8 4.3 3.8 N W T	4.1 4.6 4.1 N W T	4.4 5.0 4.4 N W T	4.8 5.3 4.8 N W T	5.3 5.8 5.3 N W T	6.0 6.5 6.0 N W T

SOLID

¥64,000 (+tax)

Basic Camber model made of light weight poplar + glass fiber construction.

Solid is a basic model made of simple poplar wood core and glass fiber with tuned flex for ground tricks. The concept of development is with high repulsiveness and persistent flex even in light weight. It eases higher jumping in ground tricks with repulsive camber arc. Sharpened side cut drives carving easy with moderate edging. SOLID is good for riders who want sharp ground tricks and free carving.

MODEL	SOLID 38	SOLID 42	SOLID 46	SOLID 51	SOLID 54
Length	1380	1420	1460	1510	1540
Effective Edge L.	1060	1100	1140	1190	1220
Contact Length	1010	1050	1090	1140	1170
Waist Width	230	234	238	246	252
Sidecut Radius	7200/6600/7200	7800/7200/7800	8400/7800/8400	8800/8200/8800	9400/8800/9400
Sidecut Offset	0	0	0	0	0
Nose Length	185.0	185.0	185.0	185.0	185.0
Nose Width	267.0	271.0	275.0	284.0	290.0
Nose Hight	47.8	47.8	47.8	47.8	47.8
Tail Length	185.0	185.0	185.0	185.0	185.0
Tail Width	267.0	271.0	275.0	284.0	290.0
Tail Hight	47.8	47.8	47.8	47.8	47.8
Camber	7.0	8.0	8.0	10.0	10.0
Rocker	---	---	---	---	---
Stance Width	420-500	440-520	460-540	500-580	520-600
Insert Quantity	10+10	10+10	10+10	10+10	10+10
Stance Setback	0	0	0	0	0
EDGE	1.8mm/48RCWL				
Running Base (material)	P-Tex2000				
Sidewall	PINK	BLUE	NEON GREEN	NEON GREEN	RED
Core Profile	negative				
Stiffness	2.2 3.2 2.2 N W T	2.5 3.5 2.5 N W T	2.8 3.8 2.8 N W T	3.8 4.8 3.8 N W T	4.3 5.3 4.3 N W T



20/21 MODEL FUNCTION

- "L" series is lady's model with flex adjusted for female riders
- "M" series is men's model with flex adjusted for male riders



20/21 MODEL FUNCTION

- Light weight poplar wood core + fiber glass.
- 3R side-cut.
- Full Twin Shape, Full Twin Ground Trick Flex.
- P-TEX 2000 Sintered base.
- Printed base.

CUB-X

116, 126, 132: ¥39,000 (+tax) 136: ¥49,000 (+tax)

Expert Kids Model with Sintered Graphite base.

Sintered Graphite applied to sole realizes high riding performance with high anti-abrasion.This model can be good for summer ski slope and blush slopes for kids riders.Improved flex pattern in 18-19 Model well supports riding of expert kids riders.It becomes all-round twin shape model having tested by many riders in various categories such as HP, Slope Style and Technical.

MODEL	Cub X 16	Cub X 26	Cub X 32	Cub X 36
Length	1160	1260	1320	1360
Effective Edge L.	860	960	1000	1030
Contact Length	800	900	940	970
Waist Width	192	206	212	220
Sidecut RADIUS	4200	5200	5800	6200
Sidecut Offset	0	0	0	0
Nose Length	180.0	180.0	180.0	195.0
Nose Width	232.0	246.0	252.0	259.0
Nose Hight	41.7	41.7	41.7	48.9
Tail Length	180.0	180.0	180.0	195.0
Tail Width	232.0	246.0	252.0	259.0
Tail Hight	41.7	41.7	41.7	48.9
Camber	4.0	5.0	6.0	6.0
Rocker	---	---	---	---
Stance Width	360-440	400-480	420-500	440-520
Insert Quantity	10+10	10+10	10+10	10+10
Stance Setback	0	0	0	0
EDGE	1.8mm/stainless			
Running Base (material)	IS7500 Graphite			
Sidewall	YELLOW	ORANGE	PURPLE	NEON GREEN
Core Profile	negative			
Stiffness	1.8 2.3 1.8 N W T	2.2 2.7 2.2 N W T	2.5 3.0 2.5 N W T	3.0 3.5 3.0 N W T

CUB

116, 126, 132: ¥29,000 (+tax) 136: ¥39,000 (+tax)

High spec junior model with full-sandwich structure.

Young riders in age of kids, junior and youth tested the board thoroughly.Cub is designed to exert all mighty performance across categories such as technical riding, pipe and ground trick. Off-set toward toe side in shorter length products i.e. 116, 126, 132 gives perfect centering of boots setting.Longer length products i.e. 136cm is high performance models for youth.It makes clear departure from ladies model as a specialized board for progressive young riders.

MODEL	Cub 16	Cub 26	Cub 32	Cub 36
Length	1160	1260	1320	1360
Effective Edge L.	860	960	1000	1030
Contact Length	800	900	940	970
Waist Width	192	206	212	220
Sidecut RADIUS	4200	5200	5800	6200
Sidecut Offset	0	0	0	0
Nose Length	180.0	180.0	180.0	195.0
Nose Width	232.0	246.0	252.0	259.0
Nose Hight	41.7	41.7	41.7	48.9
Tail Length	180.0	180.0	180.0	195.0
Tail Width	232.0	246.0	252.0	259.0
Tail Hight	41.7	41.7	41.7	48.9
Camber	4.0	5.0	6.0	6.0
Rocker	---	---	---	---
Stance Width	360-440	400-480	420-500	440-520
Insert Quantity	10+10	10+10	10+10	10+10
Stance Setback	0	0	0	0
EDGE	1.8mm/stainless			
Running Base (material)	IS T1150 TP			
Sidewall	YELLOW	ORANGE	PURPLE	NEON GREEN
Core Profile	negative			
Stiffness	1.3 1.8 1.3 N W T	1.7 2.2 1.7 N W T	2.0 2.5 2.0 N W T	2.5 3.0 2.5 N W T

Insert Holes are off-set toward toe side in order to give right boot center on the snowboard.Full Twin shape can use in either direction. It means either regular stance or goofy stance can use the snowboard by rotating direction. Reasonable set-back and right centering of boots make easier turn lead.Cub 116 & 126 is designed for the boots without inner shell. The boots with inner shell don't fit the lengths.



20/21 MODEL FUNCTION

- Camber arc for basic.
- Narrow shape fitting to small boot size.
- Off-set toward toe side in 116, 126, 132 .
- IS7500 Sintered Graphite base.
- Stainless edge. (made in Japan)



20/21 MODEL FUNCTION

- Camber arc to learn the basics.
- Narrow shape to fit small boots.
- Extruded base.
- 1.8mm stainless steel edge.



ENGINEERING & TECHNOLOGY

R&D Team of our Carving Category keeps discussion according to product development plan over few year. Starting with test overseas country such as China and Korea, final tests were held in Japan with various snow conditions.

A major topic in the model of 20-21 is improvement of metallic material in thickness, shape and allocation for DESPERADO Ti type-R and Alpine models. Construction of core profile is redeveloped with reviewed lamination order. Evolved core profile realizes ideal flex balance.

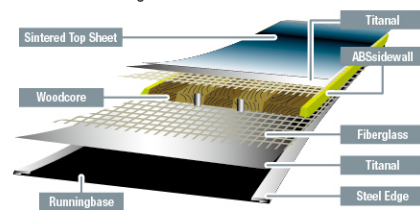
Some models of Desperado have stainless steel edge - 48 hardness which have been applied for alpine models such as QUADRA and TYCOON. The hard stainless steel edge keeps sharp angle without nicking even given professional tuning.

CONSTRUCTION

QUADRA [63,78,82]



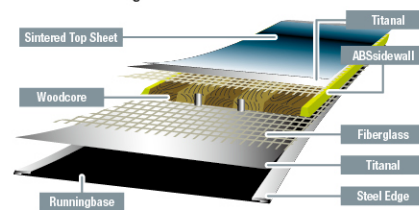
- Double metal structure sandwiching the woodcore by 0.4&0.4 Titanal.
- Sintered PET op.
- Steel Edge of 48rcwl.



TYCOON Type S



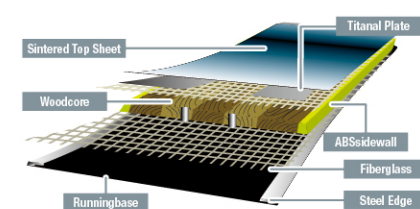
- Double metal structure sandwiching the woodcore by 0.4&0.4 Titanal.
- Sintered PET op.
- Steel Edge of 48rcwl.



TYCOON



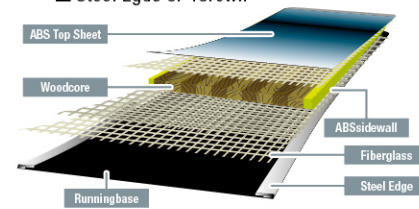
- 0.3t Titanal is inserted above the core.
- Sintered PET Top.
- Steel Edge of 48rcwl.



FORCE



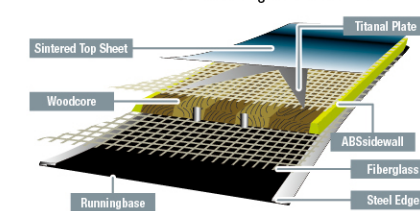
- High Performance carving machine with full glassfiber.
- 0.5t ABS top.
- Steel Edge of 48rcwl.



DESPERADO Ti Type R QUADRA [57,72]



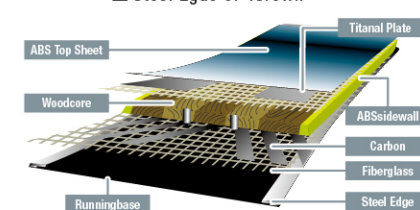
- 0.4t X shaped Titanal is inserted above the core.
- Sintered PET Top.
- Steel Edge of 48rcwl.



DESPERADO TiC



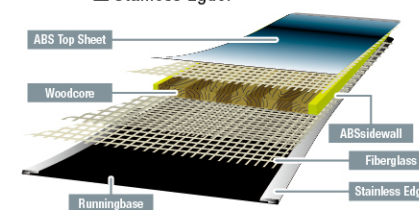
- 0.4t Titanal is inserted above the core.
- Carbon in the underside of the wood core.
- 0.5t ABS top.
- Steel Edge of 48rcwl.



DESPERADO DESPERADO LT



- High Performance carving machine with full glassfiber.
- 0.5t ABS top.
- Stainless Edge.



DESPERADO Ti Type R

III In, III, IIIw, IV, IVw: ¥149,000 (+tax)

made in JAPAN OG

Outstanding turning & circling performance. Short length type-R with highly controllable turning arch.

Short length Type-R is fully evolved with excellent carving performance supported by multiple R side curve & tapered shape given by unique hammer head & valio-camber. Shape of nose designed with multiple R compound makes edging smoothly controllable. Given thicker metal ribbon guarantees flexible & hard torsion and high gripping.

MODEL	Desperado III In Ti R	Desperado III Ti R	Desperado IIIw Ti R	Desperado IV Ti R	Desperado IVw Ti R
Length	1540	1550	1560	1590	1600
Effective Edge L.	1390	1390	1390	1430	1430
Contact Length	1220	1220	1220	1260	1260
Waist Width	238	246	254	248	256
Sidecut Radius	9000/8600/9600	9000/8600/9600	9000/8600/9600	9600/9200/10200	9600/9200/10200
Sidecut Offset	-30	-30	-30	-30	-30
Nose Length	195.0	200.0	205.0	205.0	205.0
Nose Width	298.0	306.0	314.0	307.0	315.0
Nose Height	24.0	25.7	28.0	25.7	28.0
Tail Length	125.0	130.0	135.0	130.0	135.0
Tail Width	279.0	287.0	295.0	289.0	297.0
Tail Height	19.3	20.9	22.5	20.9	22.5
Camber	9.0	9.0	9.0	10.0	10.0
Rocker	---	---	---	---	---
Stance Width	440-560	500-620	500-620	500-620	500-620
Insert Quantity	12+12	12+12	12+12	12+12	12+12
Stance Setback	30	30	30	40	40
EDGE	1.8mm/48RCWL				
Running Base (material)	IS7500 Graphite				
Sidewall	NEON RED				
Core Profile	negative				
Stiffness	8.0 8.7 8.2 N W T	8.4 9.1 8.6 N W T	8.4 9.1 8.6 N W T	8.6 9.3 8.8 N W T	8.6 9.3 8.8 N W T



20/21 MODEL FUNCTION

- III Narrow (n) is lined up for female riders and male riders with small feet.
- Steel edge of 48Rocwell applied
- New valid-camber & 3D side-cut
- Option wide width for III and IV
- Longer snow contact length & effective edge given by short tip shape

DESPERADO Ti Type R

Vw, VIw: ¥159,000 (+tax) VIIw: ¥169,000 (+tax)

made in JAPAN OG

Outstanding high speed stability and large turning curve. Just like endless edging angle, Long length Type-R.

Long length Type-R is fully evolved with excellent carving performance supported by multiple R side curve & tapered shape given by unique hammer head & valio-camber. Shape of nose designed with multiple R compound makes edging smoothly controllable. Inexperienced high speed & dynamic G will be given by long length Type-R.

MODEL	Desperado V Ti R	Desperado VI Ti R	Desperado VII Ti R
Length	1660	1720	1780
Effective Edge L.	1490	1550	1610
Contact Length	1320	1380	1440
Waist Width	256	260	260
Sidecut Radius	12800/12200/13600	15600/14800/16400	18200/17200/19200
Sidecut Offset	-30	-30	-30
Nose Length	205.0	205.0	205.0
Nose Width	304.0	303.0	300.0
Nose Height	28.0	28.0	28.0
Tail Length	135.0	135.0	135.0
Tail Width	290.0	290.0	289.0
Tail Height	22.5	22.5	22.5
Camber	12.0	12.0	12.0
Rocker	---	---	---
Stance Width	520-640	520-640	520-640
Insert Quantity	12+12	12+12	12+12
Stance Setback	60	60	60
EDGE	1.8mm/48RCWL		
Running Base (material)	IS7500 Graphite		
Sidewall	NEON RED		
Core Profile	negative		
Stiffness	8.7 9.4 8.9 N W T	8.8 9.5 9.0 N W T	8.9 9.5 9.1 N W T



20/21 MODEL FUNCTION

- III Narrow (n) is lined up for female riders and male riders with small feet.
- Steel edge of 48Rocwell applied
- New valid-camber & 3D side-cut
- Option wide width for III and IV
- Longer snow contact length & effective edge given by short tip shape

MACH

¥119,000 (+tax)

made in
JAPAN
— OG —

Round shape carving board combining vibration absorption with unique sintered top and high responsiveness with carbon. We add a long-awaited the length of 60 for model '20-21.

The unique construction consists of X shape carbon roving underneath wood-core and sintered top substantializes super carving. Carbon give high responsiveness while sintered top realizes high stability in high speed riding. With 3 R side curve and flex balance modified tail stiffer, it supports easy control at low speed range and high stability at high speed range.

MODEL	MACH 51.5	MACH 57.5	MACH 60	MACH 63
Length	1515	1575	1600	1630
Effective Edge L.	1180	1240	1255	1290
Contact Length	1140	1200	1200	1230
Waist Width	242	246	262	256
Sidecut Radius	8200/7180/8200	9100/8200/9100	9800/9300/10200	9100/9960
Sidecut Offset	0	0	-20	-45
Nose Length	195.0	195.0	215.0	210.0
Nose Width	285.0	288.0	304.0	303.0
Nose Hight	45.5	45.5	55.1	55.1
Tail Length	180.0	180.0	185.0	180.0
Tail Width	285.0	288.0	297.0	288.0
Tail Hight	38.9	38.9	41.0	41.0
Camber	10.0	12.0	10.0	10.0
Rocker	---	---	---	---
Stance Width	480-600	500-620	500-620	500-620
Insert Quantity	12+12	12+12	12+12	12+12
Stance Setback	20	20	25	35
EDGE	1.8mm/stainless			
Running Base (material)	IS7500 Graphite			
Sidewall	NEON RED			
Core Profile	negative			
Stiffness	5.6 7.6 6.6 N W T	7.1 8.6 7.6 N W T	7.3 8.8 7.8 N W T	7.3 8.8 7.8 N W T



20/21 MODEL FUNCTION

- Directional shape with 3D side-cut.
- High response given by X carbon.
- High stability on rough snow surface.
- 12+12 insert holes applicable for metal plate.
- 1.8mm stainless edge.

DESPERADO TiC

¥129,000 (+tax)

made in
JAPAN
— OG —

Combination of new alignment of Titanerl ribbon and carbon sheet reconciles opposing character i.e. solid feel given by metal and repulsiveness delivered by carbon.

Model changeover as DESPERADO TiC. Thickness of Titanerl ribbon is optimized for each snowboard length. Together with effect of top sheet made of ABS resin, stabilizing solidness is more enhanced. Carbon sheet set up at the bottom of layer produces piquant turn feel with high response.

MODEL	Desperado I TiC	Desperado II In TiC	Desperado II TiC	Desperado IIw TiC	Desperado III TiC	Desperado IIw TiC	Desperado IV TiC	Desperado IVw TiC
Length	1460	1510	1520	1540	1570	1576	1610	1630
Effective Edge L.	1250	1310	1310	1330	1360	1360	1400	1405
Contact Length	1120	1180	1180	1200	1230	1230	1270	1270
Waist Width	230	232	244	252	246	252	256	244
Sidecut Radius	8200/7600/8600	8840/8200/9240	8840/8200/9240	9200/8600/10400	9800/9200/10400	9800/9200/10400	11600/10800/12200	11600/10800/12200
Sidecut Offset	-20	-20	-20	-20	-20	-20	-30	-30
Nose Length	180.0	175.0	180.0	180.0	180.0	183.0	180.0	195.0
Nose Width	278.0	282.0	294.0	301.0	293.0	299.0	301.0	289.0
Nose Hight	38.9	38.9	38.9	38.9	38.9	39.1	38.9	45.5
Tail Length	160.0	155.0	160.0	160.0	160.0	163.0	160.0	165.0
Tail Width	272.0	275.0	287.0	295.0	287.0	293.0	293.0	281.0
Tail Hight	30.8	30.8	30.8	30.8	30.8	31.2	30.8	32.6
Camber	8.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Rocker	---	---	---	---	---	---	---	---
Stance Width	420-540	440-560	460-580	500-620	500-620	500-620	500-620	500-620
Insert Quantity	12+12	12+12	12+12	12+12	12+12	12+12	12+12	12+12
Stance Setback	30	30	30	30	30	30	40	40
EDGE	1.8mm/48RCWL							
Running Base (material)	IS7500 Graphite							
Sidewall	NEON RED							
Core Profile	negative							
Stiffness	7.4 8.4 7.9 N W T	7.6 8.6 8.1 N W T	7.8 8.8 8.3 N W T	7.9 8.9 8.4 N W T	8.0 9.0 8.5 N W T	8.0 9.0 8.5 N W T	8.2 9.2 8.7 N W T	8.2 9.2 8.7 N W T



20/21 MODEL FUNCTION

- ABS resin top sheet + Titanerl ribbon + Carbon
- 12+12 insert holes compatible with Metal Plate
- Materials: for sole, ISO 7500 Graphite Sintered, for die-cut, Hi Pex 4M Sinterd
- 48Rocwell super-hard steel edge

DESPERADO

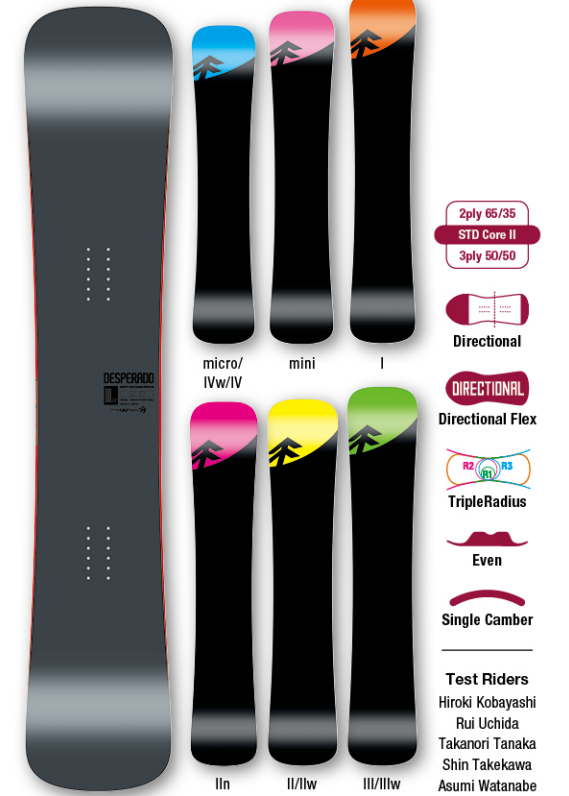
¥89,000 (+tax)

made in
JAPAN
— OG —

100% glass fiber supports flexibility and repulsiveness at the same time.

Having provided feed-back of Technology of Desperado Ti, Desperado obtains persistently flexible carving performance by 100% glass fiber. Desperado is free carving machine which appeals exhilarating carving.

MODEL	Desperado micro	Desperado mini	Desperado I	Desperado II In	Desperado II	Desperado IIw	Desperado III	Desperado IIIw	Desperado IVw	Desperado IV
Length	1320	1380	1460	1510	1520	1540	1570	1576	1610	1630
Effective Edge L.	1130	1190	1250	1310	1310	1330	1360	1360	1400	1405
Contact Length	1010	1070	1120	1180	1180	1200	1230	1230	1270	1270
Waist Width	214	220	230	232	244	252	246	252	256	244
Sidecut Radius	6500/6200/6800	7200/6800/7600	8200/7600/8840	8840/8200/9240	8840/8200/9240	9200/8600/9600	9800/9200/10400	9800/9200/10400	11600/10800/12200	11600/10800/12200
Sidecut Offset	-20	-20	-20	-20	-20	-20	-20	-20	-30	-30
Nose Length	165.0	165.0	180.0	175.0	180.0	180.0	180.0	183.0	180.0	195.0
Nose Width	264.0	270.0	278.0	282.0	294.0	301.0	293.0	299.0	301.0	289.0
Nose Hight	34.4	34.4	38.9	38.9	38.9	38.9	38.9	39.1	38.9	45.5
Tail Length	145.0	145.0	160.0	155.0	160.0	160.0	160.0	163.0	160.0	165.0
Tail Width	256.0	262.0	272.0	275.0	287.0	295.0	287.0	293.0	293.0	281.0
Tail Hight	25.9	25.9	30.8	30.8	30.8	30.8	30.8	31.2	30.8	32.6
Camber	6.0	7.0	8.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Rocker	---	---	---	---	---	---	---	---	---	---
Stance Width	380-500	400-520	420-540	440-560	460-580	500-620	500-620	500-620	500-620	500-620
Insert Quantity	12+12	12+12	12+12	12+12	12+12	12+12	12+12	12+12	12+12	12+12
Stance Setback	20	20	30	30	30	30	30	30	40	40
EDGE	1.8mm/stainless									
Running Base (material)	IS7500 Graphite									
Sidewall	NEON RED									
Core Profile	negative									
Stiffness	2.5 3.5 3.0 N W T	4.0 5.0 4.5 N W T	7.2 8.2 7.7 N W T	7.4 8.4 7.9 N W T	7.6 8.6 8.1 N W T	7.7 8.7 8.2 N W T	7.8 8.8 8.3 N W T	7.8 8.8 8.3 N W T	8.0 9.0 8.5 N W T	8.0 9.0 8.5 N W T



20/21 MODEL FUNCTION

- Apply ABS top sheet which has high ability of vibration absorption.
- 12+12 insert holes applicable for additional plate use.
- ISO 7500 Graphite Sinterd (sole) Hi Pex 4M Sinterd (die cut).
- 1.8mm stainless steel edge.

DESPERADO LT

¥79,000 (+tax)

made in
TAIWAN
— PM —

Orthodox construction which is made of poplar wood core sandwiched by glass fiber. Soft flex and soft torsion are very controllable even for riders who are not expert yet.

No compromised carving performance given feedback from R&D technology of DESPERADO series substantializes supplied and solid carving. Easy carving board from low speed range with soft flex.

MODEL	Desperado LT 148	Desperado LT 152	Desperado LT 158	Desperado LT 162
Length	1480	1540	1580	1620
Effective Edge L.	1280	1320	1360	1400
Contact Length	1175.78	1215.00	1254.30	1293.44
Waist Width	242	252	256	258
Sidecut Radius	8200/7600/8600	8800/8200/9200	9300/8600/9800	10200/9400/10800
Sidecut Offset	-35	-35	-35	-35
Nose Length	167.1	177.5	177.9	178.3
Nose Width	296.0	306.0	310.0	310.0
Nose Hight	41.3	44.8	43.3	41.2
Tail Length	137.1	147.5	147.9	148.3
Tail Width	284.0	294.0	298.0	299.0
Tail Hight	36.5	41.0	39.5	37.6
Camber	8.0	9.0	10.0	10.0
Rocker	---	---	---	---
Stance Width	440-520	500-580	520-600	540-620
Insert Quantity	10+10	10+10	10+10	10+10
Stance Setback	35	35	35	35
EDGE	1.8mm/48RCWL			
Running Base (material)	IS7500 Graphite			
Sidewall	NEON RED			
Core Profile	negative			
Stiffness	6.7 7.7 7.2 N W T	7.1 8.1 7.6 N W T	7.3 8.3 7.8 N W T	7.5 8.5 8.0 N W T



20/21 MODEL FUNCTION

- Apply ABS top sheet which has high ability of vibration absorption.
- ISO 7500 Graphite Sinterd (base), Hi Pex 4M Sinterd (die cut).
- 1.8mm Hi Rockwell steel edge.

QUADRA

QUADRA 57 (SL) [only 4x4] : ¥149,000 (+tax) QUADRA 63 (SL) [ALLFLEX] : ¥162,000 (+tax)

QUADRA 72 (GS) [ALLFLEX] : ¥149,000 (+tax) QUADRA 78 (PGS) [ALLFLEX] : ¥162,000 (+tax)

QUADRA 82 (GS) [ALLFLEX] : ¥162,000 (+tax)

made in
JAPAN
— OG —

Length of 157, 172 for ladies and 182 for GS are added to model 20-21.
Now full line-up as a racing board series.

Improvement since model 19 is finalized. Most of all components like top sheet material, metal and glass fiber are reviewed as well as their laying order. Ladies model is given a metal ribbon inside. As the result, carving and sliding become more controllable compared to full metal board. For men's model, all lengths are compatible with ALLFEX plat and combine sale with the plate is available.

MODEL	Quadra 57	Quadra 63	Quadra 72	Quadra 78	Quadra 82
Length	1570	1630	1720	1780	1820
Effective Edge L.	1445	1510	1605	1665	1705
Contact Length	1350	1410	1480	1540	1580
Waist Width	190	200	192	200	198
Sidecut Radius	9800/9100/10400	10200/9800/10800	14600/13800/15400	16300/14800/17600	18200/17800/18200
Sidecut Offset	-30	-40	-55	-50	-55
Nose Length	135.0	135.0	145.0	145.0	145.0
Nose Width	246.0	260.0	242.0	249.0	242.0
Nose Hight	20.3	20.3	19.9	19.9	19.9
Tail Length	85.0	85.0	95.0	95.0	95.0
Tail Width	236.0	247.0	228.0	236.0	231.0
Tail Hight	5.2	5.2	6.4	6.4	6.4
Camber	10.0	8.0	12.0	8.0	8.0
Rocker	---	---	---	---	---
Stance Width	420-500	500	420-500	500	500
Insert Quantity	10+10	AFX	10+10&AFX	AFX	AFX
Stance Setback	50	60	60	70	70
EDGE	1.8mm/48RCWL				
Running Base (material)	IS7500 Graphite				
Sidewall	BLACK				
Core Profile	positive				



0.4t Titanal+
1ply 65/35
アスベン (AS)
0.3t Titanal+
1ply 65/35

TripleRadius

Positive

Vario Camber

Test Riders
Nariyasu Murata
Keito Kurematsu
Shin Takekawa

★ No dye cut but please customize with enclosed cutting sticker.

★ Bending & snap which are sometimes happen with metal board are outside product Warrantee.

20/21 MODEL FUNCTION

- applied thicker (40) metal for length of 53, 78, 82
- given metal for length of 57 and 72
- apply new rubber sheet absorbing vibrations.
- New sintered top supports high speed riding on rough terrain
- side cut with 3R complex

TYCOON

Type S

¥162,000 (+tax)

made in
JAPAN
— OG —

Evolved to full metal construction.

The expertise of Toshiki Suetaka and Gray Engineering fuse together. Compatibility with various plates is well researched in model 20-21. Combine sale with the plate is available.

MODEL	Tycoon 63 Type-S	Tycoon 78 Type-S
Length	1630	1780
Effective Edge L.	1510	1665
Contact Length	1410	1540
Waist Width	200	200
Sidecut Radius	10200/9800/10800	16300/14800/17600
Sidecut Offset	-40	-50
Nose Length	135.0	145.0
Nose Width	260.0	249.0
Nose Hight	20.3	19.9
Tail Length	85.0	95.0
Tail Width	247.0	236.0
Tail Hight	5.2	6.4
Camber	8.0	8.0
Rocker	---	---
Stance Width	460-580	460-580
Insert Quantity	12+12	12+12
Stance Setback	60	70
EDGE	1.8mm/48RCWL	
Running Base (material)	IS7500 Graphite	
Sidewall	NEON RED	
Core Profile	positive	



0.4t Titanal+
1ply 65/35
アスベン (AS)
0.4t Titanal+
1ply 65/35

TripleRadius

Positive

Vario Camber

Test Riders
Toshiki Suetaka

20/21 MODEL FUNCTION

- Unique construction: wood core sandwiched by 0.4mm Titanerl.
- Type-S is specialized competition model.
- 3 D side-cut
- Retuned flex and insert holes to be compatible for various racing plates.

TYCOON

¥129,000 (+tax)

made in
JAPAN
— OG —

Excellent stability achieved by established construction made of metal ribbon + fiberglass.

A unique construction of Gray with combination structure of metal and glass fiber. Advantages of each material such as rigid stiffness of metal and persistence/repulsiveness of glass are well harmonized. Stability of metal and persistent flex are struck a good balance without sacrificing durability. Exceptional vibration absorption capability by Sinterd top sheet comes into its own performance more in higher speed range.

MODEL	Tycoon 57	Tycoon 62	Tycoon 67	Tycoon 72	Tycoon 82
Length	1570	1620	1670	1720	1820
Effective Edge L.	1445	1495	1545	1605	1705
Contact Length	1350	1400	1430	1480	1580
Waist Width	190	196	196	192	198
Sidecut Radius	9800/9100/10400	9900/9200/9900	10200/9800/10200	14600/13800/15400	18200/17800/18200
Sidecut Offset	-30	-30	-35	-55	-55
Nose Length	135.0	135.0	145.0	145.0	145.0
Nose Width	246.0	256.0	258.0	242.0	242.0
Nose Hight	20.3	20.3	19.9	19.9	19.9
Tail Length	85.0	85.0	95.0	95.0	95.0
Tail Width	236.0	247.0	247.0	228.0	231.0
Tail Hight	5.2	5.2	6.4	6.4	6.4
Camber	10.0	10.0	12.0	12.0	12.0
Rocker	---	---	---	---	---
Stance Width	420-540	460-580	460-580	420-540	460-580
Insert Quantity	12+12	12+12	12+12	12+12	12+12
Stance Setback	30	30	35	55	55
EDGE	1.8mm/48RCWL				
Running Base (material)	IS7500 Graphite				
Sidewall	NEON RED				
Core Profile	positive				



0.3t Ti Ribbon
+3ply 65/35
100% beech core
2ply 50/50+
1ply 50/50

TripleRadius

Positive

Vario Camber

Test Riders
Toshiki Suetaka
Ryoich Suruga
Akemi Kimura
Yayoi Sueki

20/21 MODEL FUNCTION

- Flex and torsion are well controlled by combination of Titanal and Glass fiber.
- Successfully absorb vibration by Sinterd top.
- High riding performance by IS7500 Graphite sinterd base.
- 12+12 insert holes to give stance flexibility.

FORCE

¥99,000 (+tax)

made in
JAPAN
— OG —

High Control-ability and nimble riding given by wood core + fiberglass.

Triple combination (Full glass fiber lamination, Valio Camber, Unique hammer head theory) is key for FORCE. Fiberglass provides brisk riding feel to High Performance Model "Force".

MODEL	Force 57	Force 62	Force 67	Force 72	Force 82
Length	1570	1620	1670	1720	1820
Effective Edge L.	1445	1495	1545	1605	1705
Contact Length	1350	1400	1430	1480	1580
Waist Width	190	196	196	192	198
Sidecut Radius	9800/9100/10400	9900/9200/9900	10200/9800/10200	14600/13800/15400	18200/17800/18200
Sidecut Offset	-30	-30	-35	-55	-55
Nose Length	135.0	135.0	145.0	145.0	145.0
Nose Width	246.0	256.0	258.0	242.0	242.0
Nose Hight	20.3	20.3	19.9	19.9	19.9
Tail Length	85.0	85.0	95.0	95.0	95.0
Tail Width	236.0	247.0	247.0	228.0	231.0
Tail Hight	5.2	5.2	6.4	6.4	6.4
Camber	10.0	10.0	12.0	12.0	12.0
Rocker	---	---	---	---	---
Stance Width	420-540	460-580	460-580	420-540	460-580
Insert Quantity	12+12	12+12	12+12	12+12	12+12
Stance Setback	30	30	35	55	55
EDGE	1.8mm/48RCWL				
Running Base (material)	IS7500 Graphite				
Sidewall	NEON RED				
Core Profile	positive				



3ply 65/35
100% beech core
2ply 50/50+
1ply 50/50

TripleRadius

Positive

Vario Camber

Test Riders
Toshiki Suetaka
Akemi Kimura
Yayoi Sueki

20/21 MODEL FUNCTION

- Full wood core laminated with full glass fiber.
- High riding performance by IS7500 Graphite sinterd base.
- 12+12 insert holes to give stance flexibility.

TRICKSTICK

S/S T SHIRTS UA-5942

Tough and high-quality comfortable,
6.2oz heavy weight T-shirt.

PRICE: ¥3,800 (+tax) [S~XL]
¥2,800 (+tax) [100~150]
COLOR: Indigo, Burgundy,
RoyalBlue
SIZE: S, M, L, XL
100cm - 150cm is made to order.

SCRIPT-1

S/S T SHIRTS UA-5942

Tough and high-quality comfortable,
6.2oz heavy weight T-shirt.

PRICE: ¥3,800 (+tax) [S~XL]
¥2,800 (+tax) [100~150]
COLOR: Indigo, Burgundy,
RoyalBlue
SIZE: S, M, L, XL
100cm - 150cm is made to order.

SCRIPT-2

S/S T SHIRTS UA-5942

Tough and high-quality comfortable,
6.2oz heavy weight T-shirt.

PRICE: ¥3,800 (+tax) [S~XL]
¥2,800 (+tax) [100~150]
COLOR: Indigo, Burgundy,
RoyalBlue
SIZE: S, M, L, XL
100cm - 150cm is made to order.

TYPUS

S/S T SHIRTS UA-5088

4.7oz, dry material T-shirt
with silky touch.

PRICE: ¥3,800 (+tax) [S~XL]
¥2,800 (+tax) [130~150]
COLOR: Black, Orange, Green
SIZE: S, M, L, XL
130cm - 150cm is made to order.

SCRIPT-1

L/S T Shirts UA-5011

Focused on comfort,
5.6oz Heavy Weight Long T-shirt.

PRICE: ¥4,800 (+tax)
¥3,800 (+tax) [110,130,150]
COLOR: Black, White, Royal Blue
SIZE: XS, S, M, L, XL
110, 130, 150 are made to order.

SCRIPT-2

L/S T Shirts UA-5011

Focused on comfort,
5.6oz Heavy Weight Long T-shirt.

PRICE: ¥4,800 (+tax)
¥3,800 (+tax) [110, 130, 150]
COLOR: Black, White, Royal Blue
SIZE: XS, S, M, L, XL
110, 130, 150 are made to order.

DRY COOL TEE

L/S T Shirts UA-5089

Long sleeve T shirt of dry silky material
which is also perfect as the first layer.

PRICE: ¥4,800 (+tax)
COLOR: Black, cobalt blue
SIZE: S, M, L, XL

ZIP UP PARKA

UA-5213

High quality zip up hoodie of
10oz heavyweight material of back pile.

PRICE: ¥8,800 (+tax)
¥5,800 (+tax) [110, 130, 150]
COLOR: Black, Red
SIZE: S, M, L, XL
110, 130, 150 are made to order.

DENIM ZIP UP PARKA

UA-3905

Washed denim pullover hoodie.



PRICE: ¥9,800 (+tax)
COLOR: Denim Blue
SIZE: S, M, L, XL

Bonded Hoodie

Bonded hood with
water pressure resistance of 7,800 mm.
With a water repellent coating, even a little snow
and rain can be comfortable riding.

PRICE: ¥11,800 (+tax)
COLOR: Black, Grey
SIZE: S, M, L, XL
*Three-layer bonding fabric
*Waterproof lamination (water pressure resistance 7,800 mm)
*Water repellent coating

SNOW COACH JACKET [Mesh lining]

It is a snow coach jacket with
water pressure resistance of 6,000 mm.
With mesh lining,
you can ride comfortably in spring.

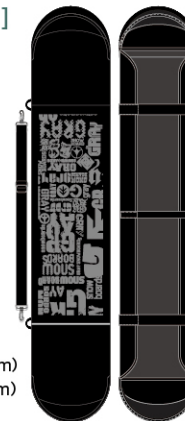
PRICE: ¥14,800 (+tax)
COLOR: Black, Navy
SIZE: S, M, L, XL
*Outer: Water repellent coating
*Lining: mesh material
*Waterproof lamination (water pressure resistance 6,000 mm)
*There is no fastener inside the front hook.
*Pocket for IC chip on the left sleeve,
lift ticket holder on the bottom hem, pocket with zipper.



SOLE GUARD [FREESTYLE]

For ordinary
freestyle board
2 sizes

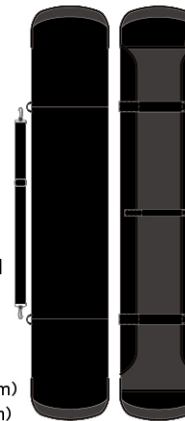
MATERIAL:
2mm Neoprene
PRICE:
¥6,000 (+tax)
COLOR:
Black
SIZE:
S/M (135cm~146cm)
M/L (147cm~156cm)



SOLE GUARD [HAMMER]

Sole guard for
hammer head
2 sizes

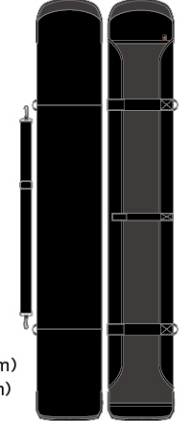
MATERIAL:
2mm Neoprene
PRICE:
¥6,600 (+tax) [M]
¥7,400 (+tax) [L]
COLOR:
Black
SIZE:
M (146cm~157cm)
L (158cm~178cm)



SOLE GUARD [ALPINE]

Sole guard for
Alpine
2 sizes

MATERIAL:
2mm Neoprene
PRICE:
¥7,800 (+tax)
COLOR:
Black
SIZE:
M (155cm~170cm)
L (170cm~190cm)



SHORT SCREW



BURTON binding to the shallow
model of the insert, it is used for
installation. (In some models,
we can not respond by simply
replacing with this screw)
* Looseness processing
SIZE: M6×15.5mm
(Tolerance 0.5)
80 pieces for
business use
PRICE: ¥10,000 (+tax)

STICKERS

gray snowboards

White
gray snowboards
Black

LOGO [Cutting type]

M (280mm×30mm) WT×2, BK×1 with 3 sheets PRICE: ¥2,800 (+tax)
XL (400mm×43mm) 1 sheet (XL size is WT only) PRICE: ¥2,800 (+tax)

Gray

gray



Gray

Carve S / Carve L / Carve XL
[Cutting type]

COLOR: White
S_ 130mm×37mm PRICE: ¥2,400 (+tax) [White 3 piece set]
L_ 260mm×74mm PRICE: ¥2,400 (+tax) [White 2 piece set]
XL_ 520mm×148mm PRICE: ¥2,400 (+tax) [White 1 sheet]



White



Fluorescent Yellow



Fluorescent Pink



Fluorescent Green



Fluorescent Blue



Fluorescent Red

DESPERADO S / DESPERADO M / DESPERADO L [Cutting type]

COLOR: White
S_ 100mm×40mm PRICE: ¥4,000 (+tax) [1 color for each color×5 colors = 5 pieces set]
M_ 144mm×200mm PRICE: ¥5,800 (+tax) [1 color for each color×5 colors = 5 pieces set]
L_ 200mm×280mm PRICE: ¥1,400 (+tax)

DESPERADO RED

[Cutting type]
PRICE: ¥2,400 (+tax) [2 sheets]
SIZE: M_ 144mm×200mm

