## **Takakita**

## Takakita

## PRODUCT GUIDE



# COMMUNE WITH THE SOIL LIVE WITH THE SOIL

Since our company foundation, we have maintained our motto of "Commune with the soil, live with the soil" in order to respond quickly to the needs of farmers, we have developed our products ranging from tractor type to self-propelled type, we offer a rich lineup of agricultural implements that bring together the best of technology.





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#### **Fertilizing Machinery**

Model	Spreading Width (m)	Hopper Capacity (ℓ)	Suitable Tractor (kW{PS})
LS1409	1.4	226	9.6~14.7
LS1409D	1.4	220	{13~20}
LS1609	1.6	258	14.7~20.6
LS1609D	1.6	230	{20~28}
LS1809	1.8	294	14.7~25.7
LS1809D	1.0	294	{20~35}
LS2209	2.2	366	18.4~29.4
LS2209D	2.2	300	{25~40}
LS2509	2.5	403	22.1~44.1
LS2509D	2.5	403	{30~60}
•		1	

3-point linkage

#### \*Lime Sower Organic



- Possible to spread organic fertilizer with low moisture content in addition to chemical fertilizer and lime Moisture content should be 30% or less and should not include blocks nor long fibers
- The electric shutter type (Models with D at the end)



Model	Spreading Width (m)	Hopper Capacity (ℓ)	Suitable Tractor (kW{PS})
FL6010	2.4	600	36.8~73.6 {50~100}
FL12010	3.1	1,200	51.5~88.3 {70~120}

3-point linkage

▶ High capacity / Precise spreading than ever [Attachment]: Auxiliary Hopper (1000L) (Only for FL6010)

\* Moisture content should be 30% or less

#### \*Flexible Container Lime Sower Organic





Model	Spreading Width (m)	Hopper Capacity (ℓ)	Suitable Tractor (kW{PS})
MX1601	1.6	270	14.7~29.4 {20~40}
MX1801	1.8	310	18.4~36.8 {25~50}
MX2201	2.2	380	22.0~44.1 {30~60}

- 3-point linkage
- Not only spreading of chemical and organic fertilizer but also simple mixture
- ▶ Suitable for operation in greenhouses with its compact size
- \* Moisture content should be 30% or less

*Mix Sower orga	nic
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Model	Spreading Width (m)	Hopper Capacity (ℓ)	Suitable Tractor (kW{PS})
BC2001	Sandy	200	11.0~18.3
BC2001D	4.0~7.5	200	{15~25}
BC3501	Granular	350	14.7~25.7
BC3501D	6.0~12.0	330	{20~35}
BC6002D	Sandy	600	33.1~58.8
BC6002AG	4.0~8.0	000	{45~80}
BC8002D	Granular	800	44.1~ 88.3
BC8002AG	9.0~14.0	500	{60~120}

- ▶ Even spreading of chemical fertilizer on the entire surface
- A residual fertilizer sensor is provided as standard (BC6002sr., 8002sr.)
- AG-PORT is equipped (Models with AG at the end) [Attachment] Apron attachment (BC2001(D) / 3501(D)) Screen attachment(BC6002·8002sr.)
  Optional Agitator(BC2001(D) / 3501(D))

#### **Broad Caster**











Model	Spreading Width (m)	Hopper Capacity (ℓ)	Engine Rated Output (kW{PS})
SS5031	Granular 10.0~15.0 Organic 5.0~7.0	600	13.0 {17.7}

- Smooth operation in muddy grounds with high capacity hopper and wide crawler
- Not only spreading of chemical and organic fertilizer but also simple mixture
- Stepless driving mission
- Moisture content should be 45% or less







#### **Fertilizing Machinery**







Model	Spreading Width (m)	Hopper Capacity (ℓ)	Engine Rated Output (kW{PS})
FC1212	Max. 8.0	120	1.6 {2.2}

- For spreading of chemical fertilizer in small
- Mounted on carriage



- Not only spreading of chemical and organic fertilizer but also simple mixture
- ▶ Option:Residual fertilizer sensor (CC6002D · 8002D)

[Attachment] Apron attachment (CC2031(D)·3531(D))







\* Moisture content should be 45% or less

Model	Spreading Width (m)	Hopper Capacity (ℓ)	Suitable Tractor (kW{PS})
CC2031		200	11.0~25.7
CC2031D	Granular 6.0~12.0	(Max.250)	{15~35}
CC3531	Organic 3.0~5.0	350	14.7~33.1
CC3531D		330	{20~45}
CC6002D	Granular 7.5~14.0	600	33.1~58.8 {45~80}
CC8002D	Organic 6.5~12.0	800	44.1~88.3 {60~120}

3-point linkage



#### \*Self-Propelled Compost Caster Organic (Emission regulation is needed)



SC-211SK [Blanket spray]



[Lateral spray]

Model	Spreading Width (m)	Hopper Capacity (ℓ)	Engine Rated Output (kW{PS})
SC-211SK	Granular 6.0~10.0 Organic 2.5~3.5	200	2.3
SC-211F	Pellet 4.0 Compound fertilizer 2.0	200	{3.1}

- Not only spreading of chemical and organic fertilizer but also simple mixture
- \* SC-211SK corresponds to moisture content of 45% or less \* SC-211F is limited to dry organic and solid fertilizers [Attachment] Slope spreading attachment, Apron attachment(only SC-211SK)





- ▶ Two types : Tractor-use type, Self-propelled type
- Even mixing and spreading of chemical and organic fertilizer

[Attachment] Electric shutter kit, Hopper cover attachment (for tractor)

[Attachment] Apron attachment, Step attachment, Stripe spreading attachment, Hopper cover attachment (for self-propelled type)

#### Tractor type

Model	Spreading Width (m)	Hopper Capacity (ℓ)	Suitable Tractor (kW{PS})
BS5311SS	2.0~6.0	380	18.4~33.1
BS5311TS	3.0~12.0	300	{25~45}
BS7311TS	3.0~12.0	580	29.4~44.1 {40~60}

3-point linkage

#### Self-propelled

Model	Spreading Width (m)	Hopper Capacity (ℓ)	Engine Rated Output (kW{PS})
BS-632SS	2.0~5.0	380	4.4 {6.0}



#### \*Blend Sower Organic



- Two types: Tractor-use type, Self-propelled type
- > Even mixing and spreading of chemical and organic fertilizer
- > Stepless adjustment of spreading width is possble

[Attachment] Electric shutter kit, Apron attachment, Stripe spreading attachment, Hopper cover attachment (for tractor)

[Attachment] Step attachment, Hopper cover attachment (for self-propelled type) \* Moisture content should be 45% or less

#### ■ Tractor type

Model	Spreading Width (m)	Hopper Capacity (ℓ)	Suitable Tractor (kW{PS})
BS5311SW	1.2~1.8	380	18.4~33.1 {25~45}

3-point linkage

#### Self-propelled

och-propelied			
Model	Spreading Width (m)	Hopper Capacity (ℓ)	Engine Rated Output (kW{PS})
BS-632SW	1.2~1.8	380	4.4 {6.0}

#### **Manure Spreader**

Model	Spreading Type	Max.Capacity m³(kg)	Suitable Tractor (kW{PS})
DL-811	Vertical	1.1	10.3~25.7
DL-811K	vertical	(800)	{14~35}
DL1600 NEW	Horizontal Double	2.6	18.4~36.8
DL1600W NEW	Vertical	(1,600)	{25~50}
DL2100 NEW	Horizontal Double	3.3	29.4~44.1
DL2100W NEW	Vertical	(2,100)	{40~60}
DH3071	Horizontal Double		
DH3071W	Vertical	4.8 (3,000)	25.7~58.8 {35~80}
DH3071D	Disk		

#### Manure Spreader Organic

- Adoption of resin board on the floor allows for smooth feeding out of compost and excellent durability
- Beater is selectable
  - (DL1600sr.·2100sr. :horizontal double / vertical, DH3071sr. :horizontal double / vertical / disk)
- ▶ 2P towing type with capable of small turn is also available in addition to drawbar linkage type (2P towing type:DLsr., end : 81sr.)
- ▶ The durability of the bottom of the beater and the floor rails are improved by hot-dip galvanized.
- Low-floor body makes loading easier (DLsr.)







M2: Horizontal Double Beater (DL1600sr.•2100sr.)



W: Vertical Beater (DL1600sr.•2100sr.)



W : Vertical Beater (DH3071sr.)



D: Disk Beater

Model	Spreading Type	Max.Capacity m³(kg)	Suitable Tractor (kW{PS})
DL7002GT	Horizontal Double	7.0 (5,600)	36.8~73.6 {50~100}
DL9011T	Horizontal Double	9.0 (7,200)	44.1~80.9 {60~110}
DL11011T	Horizontal Double	11.0 (8,800)	55.8~99.3 {80~135}



#### Manure Spreader (Big size DL Series) Organic

- ▶ The durability and Corrosion resistance of the bottom of the beater and the floor rails are improved by hot-dip galvanized.
- ▶ Corrosion resistance of beater side plates are improved by hot-dip galvanized.
- ▶ The big sprocket of floor conveyer chain reduces wear of conveyer chain





Model	Spreading Type	Max.Capacity m³(kg)	Engine Output (kW{PS})
SD-601	Vertical	1.0 (600)	Rating 3.4 (4.7)
SD1021D	Disk	1.6 (1,000)	Rating 5.5{7.5}

[Attachment] Seat attachment (only for SD-601)
Limit plate attachment (only for SD-601)



#### Self-propelled Manure Spreader Organic

(Emission regulation is needed)

> Smooth operation in soft grounds with high capacity hopper and wide crawler



#### **Manure Spreader**

#### Power Push Manure Spreader Organic

▶ The swing beater mechanism makes it easy to move compost and remove foreign matter.

▶ Hydraulic two-stage push/two-stage slide floor mechanism

▶ Brake (PD13003sr. / 15003sr.) / gate is equipped





Model	Spreading Type	Max. Capacity m³(kg)	Suitable Tractor (kW{PS})
PD9003SG	Horizontal Double	9.0	51.5~88.3
PD9003WSG	Vertical	(7,200)	{70~120}
PD11003SG	Horizontal Double	11.0	66.2~99.3
PD11003WSG	Vertical	(8,800)	{90~135}
PD13003SGB	Horizontal Double	13.0	
PD13003WSGB	Vertical	(10,400)	91.9~139.7
PD15003SGB	Horizontal Double	15.0	{125~190}
PD15003WSGB	Vertical	(12,000)	

#### **Material handling equipment**







Model	Max. Capacity (m³)	Suitable Tractor (kW{PS})
PT25000T	25	110.3~ {150~}

- The only feed trailer produced in Japan
- The entire cargo box is hot-dip galvanized to improve durability and corrosion resistance!
- Hydraulic 2-stage push and 2-stage slide floor mechanism

#### **Slurry Spreader**





#### Vacuum Car Organic

- ► Galvanized tanks for safety and durability
- ▶ Power hitch standard equipment (S-5302T~)
- Full-open hatch (S-5302T~)



Model	Max. Capacity (ℓ)	Suitable Tractor (kW{PS})
S-1432	1,390	18.4~33.1{25~45}
S-1802	1,700	18.4~44.1{25~60}
S-2402	2,420	25.7~51.5{35~70}
S-3102	3,100	29.4~58.8{40~80}
S-5302T	5,300	40.5~88.3{55~120}
S-7002T	7,000	47.8~88.3{65~120}
S-9002T	9,000	55.2~91.9{75~125}

#### Seeding and herbicide spraying equipment

#### Jet Seeder





Model	Number of seeding rows	Fertilizer hopper capacity ( l )	Suitable Tractor (kW{PS})
JS2108	2	110	18.4~44.1 {25~60}
JS4108	4	110×2	33.1~58.8 {45~80}
JS4128	4	800	58.8~73.6 {80~100}

#### ▶ High-speed precision seeding

[Attachment] Soybean, sorghum, adzuki bean cell wheel kit, sorghum mixed seeding attachment (JS2108, 4108) Electric Switching Marker Attachment (JS4108)

#### Seeding and herbicide spraying equipment

Model	Liquide Tank capacity (ℓ)	Max.Output
EB-500	5	880w/5,800rpm

e-Boat

- ▶ Easy operation by radio control \*Radio Law required confirmation
- ▶ Electric Battery Specifications
- ▶ Applicable for spraying herbicide before and after rice planting (Flowable type pesticide only)
- ▶ Stepless adjustment of chemical spray amount is possible by manual operation





#### Rake & Tedder

Model	Working Width (cm)	Suitable Tractor (kW{PS})
RT2610	260	14.7~33.1 {20~45}

▶ Inversion-Diffusion-Collection (RTsr.)







Model	Working Width (cm)	Suitable Tractor (kW{PS})
TR2270	180~220	11.0~22.1 {15~30}
TR2670	220~270	13.0~29.5 {18~40}

3P direct linkage

▶ Collection and Simple Inversion (TRsr)





Twin Rake

Model	Working Width (cm)	Suitable Tractor (kW{PS})
TR3880	325~380	25.7~58.8 {35~80}
TR4580	390~455	36.8~73.6 {50~100}
TR5580	510~550	51.5~88.3 {70~120}

▶ Direct-mounting type for smooth transfer between the fields and efficient weed collection with less loss even at the four field corners

#### ■ Twin Rake Combination

Model	Working Width (cm)	Suitable Tractor (kW{PS})
CT6401T	590~640	58.8~110.3 {80~150}

Labor savings through combined operations in collaboration with roll balers and combination wraps

#### Twin Rake/Twin Rake **Combination**







CT6401T

TR2670

#### **Round Baler**

Model	Bale Size (cm)	Suitable Tractor (kW{PS})	
RB-511DX	φ50×73	12.5~22.1	Twine
RB-521RN	φ50×68	{17~30}	Net

- 3-point direct linkage (RB-511DX, RB-521RN)
- Easy-to-handle packaging size
- Two types: Chamber (RB-511DX) type and Roller (RB-521RN) type

#### Mini Round Baler







RB-511DX

RB-521RN

#### **Round Baler**



#### Self-Propelled Mini Round Baler

(Emission regulation is needed)



Model	Bale Size (cm)	Engine Output (kW{PS})	Remarks
SE-512	φ50×63	Rating 3.4{4.7}	Twine
SR-613DT	φ50×73	Max. 4.8{6.5}	IWITE
SR-613DN	Ψ30×73	Max. 4.8{6.5}	Net

- Two types: Walking type (SE-512) and Riding type (SRsr.)
- Wide crawler type for smooth traveling on muddly ground



- Cutting specifications (CRsr.)
- Standard equipted Guage Wheel
- ▶ All series are 2P towing type that can be turned around in a small radius
- ▶ The operation from baling hay to chamber opening/closing is fully automated

[Attachment] Back monitor attach





RB-981N

RB-981N	- φ90×85 ·	22.1~36.8 {30~50}	Net
CR-981N		25.7~44.1 {35~60}	
RB1083TB	- φ100×100 -	22.1~47.8	Twine
RB1083NB		{30~65}	Net
CR1083TB		29.4~47.8 {40~65}	Twine
CR1083NB			Net







- High-density roll forming is possible with core-wound and belt type (VC1101N·VC1311N(B)·VC1621WN)
- ► Built-in hydraulic package (VC1101N·VR/VC-983sr.·1183sr.)
- Crawler type reduces the load on the field (WXCsr.)
- ► Grease attachment standard equipment (VC1101N·VC1311N (B))
- ► Cutting specifications (VCsr.)

[Attachment] Hydraulic valve attachment (VC1621WN only)

Twine attachment (VC1621WN only)

#### Variable Diameter Round Baler / Crawler Round Baler





VC-983WXC

Model	Bale Size Suitable Tractor (cm) (kW{PS})		Remarks
VR-983WX			
VR-983WXC	φ90.95.	24.3~58.8	
VC-983WX	100×85	{33~80}	Twine/ Net
VC-983WXC			
VR1183WXB	φ100· 105·110·	29.4~58.8	
VC1183WXB	115 ×100	{40~80}	
VC1101N NEW	φ70~ 115×100	29.4~58.8 {40~80}	
VC1311N NEW	φ80~130 ×	44.2~73.5	Net
VC1311NB* NEW	118	{60~100}	ivet
VC1621WN	φ80~160 ×118	55.8~99.3 {80~135}	

\* Big Tire Specifications

VC1311N

#### **Feed Corn Baling Machine**

Model	Bale Size (cm)	Suitable Tractor (kW{PS})
MR-821	Ф85·90× 85	22.1~73.6 {30~100}
MR1021R	φ100×85	25.5~73.6 {35~100}

- ▶ High-quality silage preparation for com and TMR
- > Standard equipped Remote control
- Net binding

#### Round Baler for Chopped Material





#### Feed Corn Baling + Wrapping Machine

Model	Bale Size (cm)	Suitable Tractor (kW{PS})
MW1011H	φ100×85	25.7~73.6 {35~100}
MW1231	φ115×100	44.1~95.6 {60~130}

- Integrated operations from roll baling to wrapping of corn silage and TMR
- ▶ High-speed work with Net specification and Double stretch
- ▶ Standard equipped Remote control

[Attachment] Creaning device attachment

### **Chopping Combi Bale Wrapper**





#### **Self-propelled Chopping Whole Crop Harvesting-baler**

Model	Bale Size (cm)	Engine Max. Output (kW{PS})
WB1040DX	φ100×85	55.2 {75}
WB1040YH	Ψ100×83	51.9 {70.6}

- ▶ Theoretical cutting length 3cm
- Net binding
- Equipped with a monitor camera and an additive spraying device as a standard
- Equipped with a simple mass measuring device for on-site roll bale measurement (WB1040DX only)

## **Chopping Whole Crop Harvesting-baler**

(Emission regulation is needed





Model	Bale Size(cm)	Engine Max. Output (kW{PS})
SMR1031	φ100×85	74.4 {101.2}

► Theoretical cutting length 6mm/11mm/19mm/29mm Adjustable between 4 levels

[Attachment] Multi-header attachment SMR-MH5
Additive spraying device attachment
Auto lubrication attachment

## General-purpose type Forage Harvesting-baler

(Emission regulation is needed)





#### **Bale Wrapper**



#### Mini Bale Wrapper

mission regulation is neede



Model	Suitable Roll (cm)	Engine Output(kW{PS}) Drive(V{W})
WM-511E	φ50×60~73	Rating1.6 {2.2}
WM-511M		Single Phase100V {Motor200}

- ▶ Single stretch
- Easy to produce high quality silage even in small fields



#### Automatic Bale Wrapper

#### [Attachment]

Bale vertical roll discharge attachment (WM1062, 1072, 1262, 1272)

\* WM1121, WMA1650T are equipped it as a standard

Arm attachment (WM1062, 1072sr.)

Double stretch attachment (WM1062, 1262sr.)

Remote control attachment, back monitor attachment, oil cooler attachment, AG-PORT attachment(WM1121)

Model	Suitable Roll (cm)	Suitable Tractor (kW{PS})	Remarks
WM1062A	φ90~100×	14.7~33.1 {20~45}	Single
WM1072A	85~100		Double
WM1262A	φ90~120×	18.4~51.5 {25~70}	Single
WM1272A	85~120		Double
WM1121 NEW	φ85~115× 85~100	22.1~44.1 {30~60}	Single/ Double
WMA1650T	φ120~160 ×123*	29.4~88.3 {40~120}	Double



φ85~120× 85~120

φ100~120 ×85~120 Single

Double

Single

14.7~51.5 {20~70}

22.1~73.6 {30~100}

WM1001R

WM1001RW





#### Remote Control Bale Wrapper

- Stationary type
- Double stretch support (WM1001R)

[Attachment] Double stretch attachment (WM1001R)

Bale vertical roll discharge attachment (WM1601R)







(Emission regulation is needed)



Model	Suitable Roll (cm)	Engine Max. Output (kW{PS})
SW1121D	φ85~110×	9.9{13.5}
SW1121DM	85~100	ا (۵.۵ ا اورو

- ▶ Single/Double stretch support
- ▶ Hydro Static Transmission
- ► Equipped with powerful and fuel-efficient diesel engine
- Equipped with a simple mass measuring device for on-site roll bale measurement (SW1121DM)
- Film width 75cm
- ▶ Bale vertical roll discharge attachment

\* Mass sensor (SW1121DM only)

#### **Grass / Straw Baler + Wrapper**

Model	Suitable Roll (cm)	Suitable Tractor (kW{PS})
CW1084N NEW	φ100×100	44.1~73.6 {60~100}
VCW1621WT	φ155~160 ×118	73.6~110.3 {100~150}

- ▶ Continuous operation from packing to wrapping
- ▶ High-speed work with Net/Double stretch
- ▶ Equipped a monitor camera as a standard

[Attachment] Bale vertical roll discharge attachment (CW1084N)

\* VCW1621WT is equipped it as a standard

## Combi Bale Wrapper





CW1084N

#### **Roll Dismanting / Feeding Machinery**

Model	Suitable Roll (cm)	Suitable Tractor (kW{PS})
RC1831	Less than Φ	29.4~58.8
RC1831D	160 x 125	{40~80}

2P-half linkage (RC1831), Towing type (RC1831D)

#### Roll Cutter





Model	Suitable Roll (cm)	Suitable Tractor (kW{PS}) / Drive
BF1310	Less than Φ 130 x 125	44.1~110.3 {60~150}
BF1310F		_
BF1310M		Three Phase 200V 2.2kW
BF1610	Less than Φ 160 x 125	58.8~110.3 {80~150}
BF1610F		_
BF1610M		Three Phase 200V 2.2kW

- ▶ Stationary Motor type (Models with M at the end)
- Forklift specification (Models with F at the end)

#### [Attachment]

Attachment, Hydraulic bidirectional extraction attachment, Caster attachment, Motor attachment, Forklift attachment

#### Bale Feeder





BF1310F

Model	Suitable Roll (cm)	Suitable Tractor (kW{PS})
CF1600	Мах Ф 160 x 125	14.7~ {20~}

- Adjustable length of cutting length by lever (Cutting length is adjustable in 8 steps of 20mm increments: 20mm~160mm)
- ▶ Cutting length can be changed during cutting
- ▶ Control box with timer function

#### **Cutting Feeder**





Model	Hopper Capacity (㎡)	Engine rated output (kW{PS})
EF2031	2.0	
EF2041	2.0	6.3 {8.6}
EF2631	2.6	

- Easy to feed in narrow aisles
- ▶ Hopper height is adjustable to 4 levels depending on pipeline height

#### Self-Propelled Feeder

(Emission regulation is needed)







#### Snow Removal Machinery





#### **Snow Blower**

- ▶ Fresh snow, wet snow, compacted snow, and frozen snow can be removed smoothly
- Center drive (SB1591E, SB1791E) Side drive (SB1991~2991sr.)
- Equipped stand as a standard (SB1591E, SB1791E)
- Front type (SB2991F only)
- Chute and Deflector are electric (Models with E at the end) External hydraulic chute, Electruc Deflector (Models with EU and F at the end)

External hydraulic Chute and Deflector (Models with U at the end) [Attachment] Stand attachment (SB1991~2591sr.)





Model	Working Width (cm)	Suitable Tractor (kW{PS})
SB1591E	159	13.2~19.1 {18~26}
SB1791E	174	16.2~29.4 {22~40}
SB1991E		29.4~58.8 {40~80}
SB1991EU	191	
SB2291E	226	36.8~73.6 {50~100}
SB2291EU		
SB2591EU	251	51.5~88.3 {70~120}
SB2591U		
SB2791U	271	58.8~102.9 {80~140}
SB2991U	291	66.2~117.7 {90~160}
SB2991F		



#### Rear Grader

Demonstrating strength not only in field maintenance, but also in snow removal operations

▶ Blade is double edged at the top and bottom for economy



Model	Working Width (cm)	Suitable Tractor (kW{PS})
RG1503	150	11.0~22.1 {15~30}
RG1803	180	14.7~29.4 {20~40}
RG2103	210	22.1~44.1 {30~60}
RG2403	240	29.4~58.8 {40~80}

#### **Pruning Branch Shredder for Orchards**





Model	Working Width (cm)	Suitable Tractor (kW{PS})
OBS1250	122	11.0~14.7 {15~20}

- 3-point linkage
- Capable of processing branches up to 3 cm in diameter
- Shred pruned branches with two types of knives and a deflector

#### **Feed Grain Mill**

Model	Number of hammer	Suitable Tractor (kW{PS})
EX200M	18	33.1~ {45~}
U500TH	66	58.8~ {80~}

- ▶ Efficiently crushes feed rice, seeding corn, etc.
- Screen hole diameter 8, 10, 12, 15mm

[Attachment] Air filter kit (EX200M)



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<sup>\*</sup> Specifications and photos in this catalogue are subject to change without notice due to improvements.

<sup>\*</sup> Built-to-order: As delivery dates/times typically take up to four months from the time of placing an order, please contact your nearest sales office for details.