

OPK

# SC

## SANTO CAR



— Japan Quality —



FOUNDED 1934



**OKUDAYA GIKEN CO., LTD.**  
OSAKA JAPAN

ESTABLISHED 1954

# Santo Car

**Loading / Transporting / Lifting**  
The three basics have been made more compact and integrated.

**Equipped with the patented quick lifting mechanism.**

Optional on the 200 kg model, and standard on the 400 kg model

**Automated conversion / Built-in**



## ■ Sprocket cover

All models made of resin

## ■ Plated chain

Cleaner than ever before

## ■ Vertical roller

Uses a plastic roller



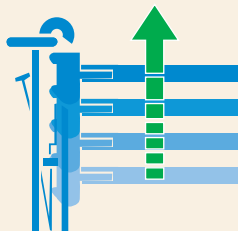
## Patented quick lifting mechanism (Automated conversion / Built-in)

Work efficiency is improved because the vertical speed of the table (fork) doubles or triples when there is no load or a light load.

It features a safe design that automatically converts to normal speed when a set load is exceeded.

This is an option on the 200 kg model, and standard equipment on the 400 kg model.

**Vertical speed increases two to three times.**



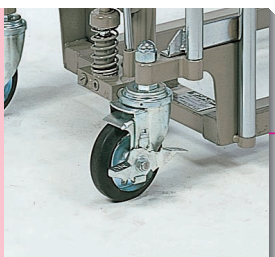
## ■ Double-wheeled casters (Standard type)

The product is equipped with stoppers for halting forward or rotary movement. The wheels are made of an elastomer, a clean, easy to use material that won't harm floors.



## ■ Rubber wheels (S-type)

The Santo Car S-type uses rubber wheels for rough working environments.



## ■ A built-in automated load check valve

This is to measure the weight of loads that can't be estimated by the naked eye.

The automated load check valve prevents overloads when lifting, and protects both the worker and the products.

## ■ Many variations

They include table model, fork model, low-profile model, and battery model.

Select the roll specifications and other options best suited for your application.



# Table model

- The hydraulic pump pedal makes operation easy.
- A simple design that is a perfect fit for any working environment.
- A small rotating base and a body that is exceptionally small and light.
- A built-in automatic load check valve



## ■ S-type specifications

Rubber wheels suitable for a rough working environment



## ■ Specifications for standard table model

Specifications Model	Capacity (kg)	Min. H (mm)	Max. H (mm)	Table dimensions (mm)			Overall length (mm)	Overall width (mm)	Overall height (mm)	Steering wheel Dia. φ×Width (mm)	Load wheel Dia. φ×Width (mm)	Number of lifting times	Net Weight (kg)
		A	B	Load center	Width C	Length D							
SC-2- 8-A	200	160	800	300	540	600	915	540	975	Double wheel Elastomer 130×65	Urethane 130×40	15	45
SC-2-12-A			1,150						1,325			22	50
SC-4- 8-A	400	160	800	350	600	650	980	600	965			32(10)	61
SC-4-12-A			1,150						1,315			50(16)	66

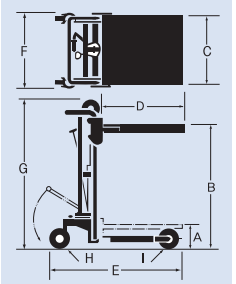
※The numbers in ( ) in the number of lifting times denote the quick lift revolutions when there is no load.

## ■ Specifications for S-type table model

SC-2- 8S-A	200	160	800	300	540	600	910	540	975	Rubber 125×38	Rubber 130×40	15	45
SC-2-12S-A			1,150						1,325			22	50
SC-4- 8S-A	400	160	800	350	600	650	975	600	965			32(10)	61
SC-4-12S-A			1,150						1,315			50(16)	66

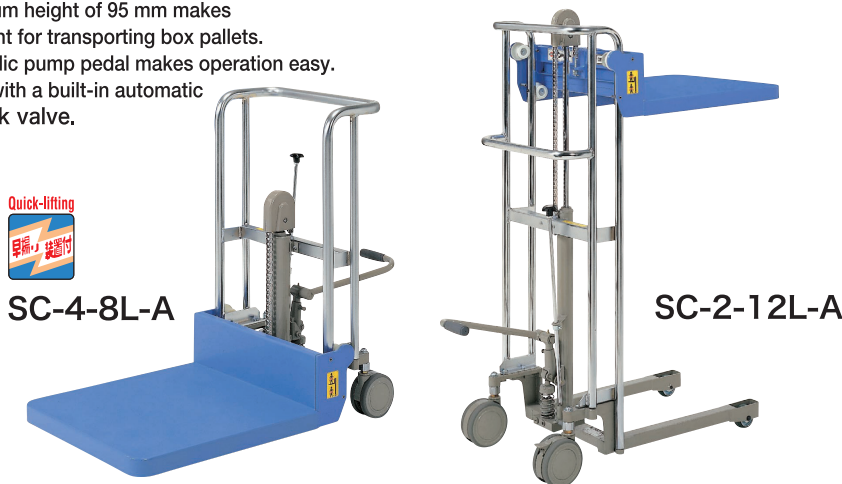
※The numbers in ( ) in the number of lifting times denote the quick lift revolutions when there is no load.

### ■ Dimensions (Table model)



# Low-profile model

- The minimum height of 95 mm makes it convenient for transporting box pallets.
- The hydraulic pump pedal makes operation easy.
- Equipped with a built-in automatic load check valve.



## ■ S-type specifications

Rubber wheels suitable for a rough working environment



## ■ Specifications for standard low-profile model

Specifications Model	Capacity (kg)	Min. H (mm)	Max. H (mm)	Table dimensions (mm)			Overall length (mm)	Overall width (mm)	Overall height (mm)	Steering wheel Dia. φ×Width (mm)	Load wheel Dia. φ×Width (mm)	Number of lifting times	Net Weight (kg)
		A	B	Load center	Width C	Length D							
SC-2- 8L-A	200	95	730	300	540	600	935	540	975	Double wheel Elastomer 130×65	Urethane 75×32	15	48
SC-2-12L-A			1,080						1,325			22	53
SC-4- 8L-A	400	95	730	300	600	650	1,015	600	965		Urethane 80×38	32(10)	65
SC-4-12L-A			1,080						1,315			50(16)	70

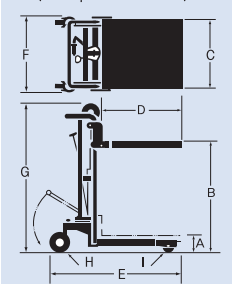
※The numbers in ( ) in the number of lifting times denote the quick lift revolutions when there is no load.

## ■ Specifications for S-type low-profile model

SC-2- 8SL-A	200	95	730	300	540	600	930	540	975	Rubber 125×38	Urethane 75×32	15	48
SC-2-12SL-A			1,080						1,325			22	53
SC-4- 8SL-A	400	95	730	300	600	650	1,010	600	965		Urethane 80×38	32(10)	65
SC-4-12SL-A			1,080						1,315			50(16)	70

※The numbers in ( ) in the number of lifting times denote the quick lift revolutions when there is no load.

### ■ Dimensions (Low-profile model)





# Fork model

- The fork can be adjusted by sliding left or right.  
Perfect for pallet operations.
- The hydraulic pump pedal makes operation easy.
- A built-in automatic load check valve

## ■ S-type specifications

Rubber wheels suitable for a rough working environment



SC-2-8F-A



SC-4-12F-A

## ■ Specifications for standard fork model

Specifications Model	Capacity (kg)	Min. H (mm)	Max. H (mm)	Fork dimensions (mm)			Overall length (mm)	Overall width (mm)	Overall height (mm)	Steering wheel Dia. φ×Width (mm)	Load wheel Dia. φ×Width (mm)	Number of lifting times	Net Weight (kg)
		A	B	Load center	Width C	Length D							
SC-2- 8F -A	200	80	720	300	160	600	980	545	975	Double wheel Elastomer 130×65	Urethane	15	44
SC-2-12F-A			1,070		~515	600	980	545	1,325		75×32	22	49
SC-4- 8F -A	400	(95)	720		215	650	1,060	605	965		Urethane	32(10)	65
SC-4-12F-A			1,070		~570	650	1,060	605	1,315		80×38	50(16)	70

※The number in ( ) for minimum height is that when the forks are placed on the leg section.

※The numbers in ( ) in the number of lifting times denote the quick lift revolutions when there is no load.

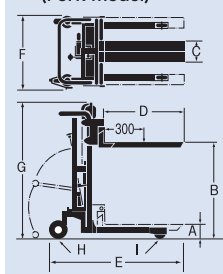
## ■ Specifications for S-type fork model

SC-2- 8SF -A	200	80	720	300	160	600	975	545	975	Rubber 125×38	Urethane	15	44
SC-2-12SF-A			1,070		~515	600	975	545	1,325		75×32	22	49
SC-4- 8SF -A	400	(95)	720		215	650	1,055	605	965		Urethane	32(10)	65
SC-4-12SF-A			1,070		~570	650	1,055	605	1,315		80×38	50(16)	70

※The number in ( ) for minimum height is that when the forks are placed on the leg section.

※The numbers in ( ) in the number of lifting times denote the quick lift revolutions when there is no load.

## ■ Dimensions (Fork model)



# Battery type Table model

- Equipped with the easy lifting speed control mechanism enabling the control of vertical lift speed.
- A simple design that is a perfect fit for any working environment.
- The vertical lever enables vertical movement with a touch of the finger.

- The battery meter has three colors to facilitate use.
- A built-in automatic load check valve
- The minimum height of 95 mm in the low-profile model makes it convenient for transporting box pallets.



Table model



SC-D2-8-A

- S-type specifications
- Rubber wheels suitable for a rough working environment



Table model



SC-D4-12-A

## ■ Specifications for standard battery-type table model

Specifications Model	Capacity (kg)	Min. H (mm)	Min. H (mm)	Table dimensions (mm)			Overall length (mm)	Overall width (mm)	Overall height (mm)	Steering wheel Dia. φ×Width (mm)	Load wheel Dia. φ×Width (mm)	Battery	Lift time (sec.)	Net Weight (kg)
		A	B	Load center	Width C	Length D								
SC-D2- 8-A	200	160	800	300	540	600	995	540	975	Double wheel Elastomer 130×65	Urethane 130×40	DC12V 28AH/ 5HR	4~6	74
SC-D2-12-A			1,150						1,325				6~9	79
SC-D4- 8-A	400	160	800	350	600	650	1,060	600	965				5~8	90
SC-D4-12-A			1,150						1,315				7~12	95

※The battery charger is built in with automated recharging. (AC200~240V)

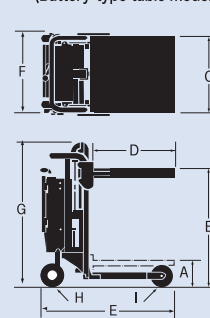
## ■ Specifications for S-type, battery-type table model

SC-D2- 8S-A	200	160	800	300	540	600	990	540	975	Rubber 125×38	Rubber 130×40	DC12V 28AH/ 5HR	4~6	74
SC-D2-12S-A			1,150						1,325				6~9	79
SC-D4- 8S-A	400	160	800	350	600	650	1,055	600	965				5~8	90
SC-D4-12S-A			1,150						1,315				7~12	95

◎ denotes those products made to order.

※The battery charger is built in with automated recharging. (AC200~240V)

## ■ Dimensions (Battery-type table model)



# Battery type Low-profile model / Fork model

- The minimum height of 95 mm in the low-profile model makes it convenient for transporting box pallets.
- The fork can be adjusted by sliding left or right, making it perfect for pallet operations.
- Equipped with the easy lifting speed control mechanism enabling the control of vertical lift speed.
- A simple design that is a perfect fit for any working environment.
- The vertical lever enables vertical movement with a touch of the finger.
- The battery meter has three colors to facilitate use.
- A built-in automatic load check valve



## Patented easy lifting speed control mechanism



The easy lifting speed control mechanism enables the control of vertical lift speed. This mechanism is installed on all the battery-type equipment. Vertical movement is achieved with one touch on a lever, so it anyone can use it. This is perfect for handling fragile or unstable loads.

## Battery charger (Built in type)



This has a battery meter that enables the user to determine battery volume (remaining charge) at a glance. Recharging is as easy as pressing a button.

## ■ S-type specifications

Rubber wheels suitable for a rough working environment



## ■ Specifications for standard battery-type low-profile model

Specifications Model	Capacity (kg)	Min. H (mm)		Max. H (mm)		Table dimensions (mm)		Overall length (mm)	Overall width (mm)	Overall height (mm)	Steering wheel Dia. φ×Width (mm)	Load wheel Dia. φ×Width (mm)	Battery	Lift time (sec.)	Net Weight (kg)
		A	B	A	B	Load center	Width								
○ SC-D2- 8L-A	200	95	730	1,080	300	540	600	1,010	540	975	Double wheel Elastomer 130×65	Urethane 75×32	DC12V 28AH/ 5HR	4~6	77
○ SC-D2-12L-A			1,080							1,325				6~9	82
○ SC-D4- 8L-A	400	95	730	1,080	300	600	650	1,095	600	965	Urethane 80×38	Urethane 80×38	DC12V 28AH/ 5HR	5~8	94
○ SC-D4-12L-A			1,080							1,315				7~12	99

○ denotes those products made to order.

※The battery charger is built in with automated recharging. (AC200~240V)

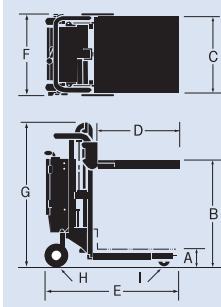
## ■ Specifications for S-type, battery-type low-profile model

○ SC-D2- 8SL-A	200	95	730	1,080	300	540	600	1,005	540	975	Rubber 125×38	Urethane 75×32	DC12V 28AH/ 5HR	4~6	77
○ SC-D2-12SL-A			1,080							1,325				6~9	82
○ SC-D4- 8SL-A	400	95	730	1,080	300	600	650	1,090	600	965	Urethane 80×38	Urethane 80×38	DC12V 28AH/ 5HR	5~8	94
○ SC-D4-12SL-A			1,080							1,315				7~12	99

○ denotes those products made to order.

※The battery charger is built in with automated recharging. (AC200~240V)

## ■ Dimensions (Battery-type low-profile model)



## ■ Specifications for standard battery-type fork model

Specifications Model	Capacity (kg)	Min. H (mm)		Min. H (mm)		Fork dimensions (mm)		Overall length (mm)	Overall width (mm)	Overall height (mm)	Steering wheel Dia. φ×Width (mm)	Load wheel Dia. φ×Width (mm)	Battery	Lift time (sec.)	Net Weight (kg)
		A	B	A	B	Load center	Exterior width of sliding adjustment								
○ SC-D2- 8F-A	200	80	720	1,070	300	160~515	600	1,060	545	975	Double wheel Elastomer 130×65	Urethane 75×32	DC12V 28AH/ 5HR	4~6	73
○ SC-D2-12F-A			1,070							1,325				6~9	78
○ SC-D4- 8F-A	400	(95)	720	1,070	300	215~570	650	1,140	605	965	Urethane 80×38	Urethane 80×38	DC12V 28AH/ 5HR	5~8	94
○ SC-D4-12F-A			1,070							1,315				7~12	99

※The number in ( ) for minimum height is that when the forks are placed on the leg section.  
○ denotes those products made to order.

※The battery charger is built in with automated recharging. (AC200~240V)

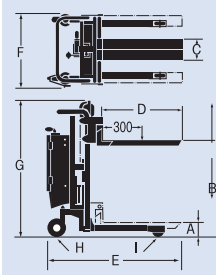
## ■ Specifications for S-type, battery-type fork model

○ SC-D2- 8SF-A	200	80	720	1,070	300	160~515	600	1,055	545	975	Rubber 125×38	Urethane 75×32	DC12V 28AH/ 5HR	4~6	73
○ SC-D2-12SF-A			1,070							1,325				6~9	78
○ SC-D4- 8SF-A	400	(95)	720	1,070	300	215~570	650	1,135	605	965	Urethane 80×38	Urethane 80×38	DC12V 28AH/ 5HR	5~8	94
○ SC-D4-12SF-A			1,070							1,315				7~12	99

※The number in ( ) for minimum height is that when the forks are placed on the leg section.  
○ denotes those products made to order.

※The battery charger is built in with automated recharging. (AC200~240V)

## ■ Dimensions (Battery-type fork model)



# 1500mm Lifting Height type

## Higher lifting height is now available.

- Lifting higher than other Santo Car
- Compact and light design for smaller turning radius than stackers.
- Guard panel for safety



SC-4-15



SC-D4-15F

### ■ Specifications for manual type

Specifications Model	Capacity (kg)	Min. H (mm)	Max. H (mm)	Table/Fork dimensions (mm)			Overall length (mm)	Overall width (mm)	Overall height (mm)	Steering wheel Dia. φ×Width (mm)	Load wheel Dia. φ×Width (mm)	Number of lifting times	Net Weight (kg)		
		A	B	Load center	Width C	Length D	E	F	G	H	I				
SC-4-15	400	160	1,580	350	600	650	1,060	600	1,765	Double wheel	Urethane 130×40	69 (23)	81		
SC-4-15L		95	1,510	300			1,095			Elastomer	Urethane				
SC-4-15F		80 (95)	1,500				215~570			1,140	605			130×65	80×38

※The number in ( ) for minimum height is that when the forks are placed on the leg section.

※The numbers in ( ) in the number of lifting times denote the quick lift revolutions when there is no load.

### ■ Specifications for battery type

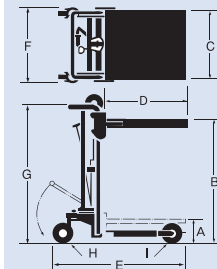
Specifications		Capacity (kg)	Min. H (mm)	Max. H (mm)	Table/Fork dimensions (mm)			Overall length (mm)	Overall width (mm)	Overall height (mm)	Steering wheel Dia. φ×Width (mm)	Load wheel Dia. φ×Width (mm)	Battery	Lift time (sec)	Net Weight (kg)
Model			A	B	Load center	Width C	Length D	E	F	G	H	I			
◎ SC-D4-15	400	160	1,580	350	600	650	1,060	600	1,765	Double wheel Elastomer 130×65	Urethane 130×40	DC12V 40AH/5HR	10 s 18	115	
◎ SC-D4-15L		95	1,510	300			1,095				Urethane				
◎ SC-D4-15F		80 (95)	1,500				215~570				1,140				80×38

◎ denotes those products made to order.

※The battery charger is built in with automated recharging. (AC200~240V)

※The number in ( ) for minimum height is that when the forks are placed on the leg section.

### ■ Dimensions (Table model)



## Stainless Type

Suitable for use in clean environment, such as food, medical, electronics, etc.

### ■ Stainless type Santo Car



SC-2-12SU



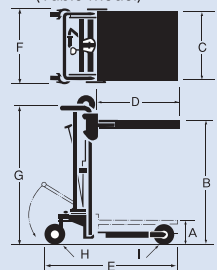
### ■ Specifications for Stainless type

Specifications Model	Capacity (kg)	Min. H (mm)	Max. H (mm)	Table dimensions (mm)			Overall length (mm)	Overall width (mm)	Overall height (mm)	Steering wheel Dia. φ×Width (mm)	Load wheel Dia. φ×Width (mm)	Number of lifting times	Net Weight (kg)
		A	B	Load center	Width C	Length D	E	F	G	H	I		
SC-2- 8SU	200	160	800	300	540	600	910	540	975	Urethane 125×38	Urethane 130×40	15	52
SC-2-12SU			1,150						1,325				

※ Low-profile and fork type are available on request.

※ Stainless part is hair-line finish. The pump, pedal, and chain are electro-less plated.

### ■ Dimensions (Table model)





# Roll specifications

## SR-type (200 kg model)

For replacing plate cylinder, film, and paper rolls

- Rubber roller (horizontal sliding type)
- The arms are vinyl-coated to protect the objects.



SC-2-8SR-1

- The four swivel wheels enable rotating an exceptionally small base.
- Applicable roll diameter:  $\Phi 100 \sim \Phi 300$  mm



## R-type (200 / 400 kg model)

For replacing film and paper rolls

- The four swivel wheels enable rotating an exceptionally small base.



SC-4-8R-1

- Plastic roller (200 kg type: Applicable roll diameter:  $\Phi 100 \sim \Phi 300$  mm)
- Steel roller (400 kg type: Applicable roll diameter:  $\Phi 200 \sim \Phi 600$  mm)



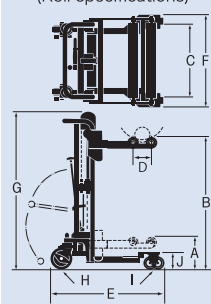
### Roll specifications

Specifications  Model	Capacity  (kg)	Min. H  (mm)	Max. H  (mm)	Roller specifications (mm)				Overall length  (mm)	External width of outrigger (mm)	Overall height  (mm)	Outrigger height  (mm)	Steering wheel Dia. $\phi$ x Width (mm)	Load wheel Dia. $\phi$ x Width (mm)	Number of lifting times	Net Weigh  (kg)
				Diameter	Roller width	Pitch	Material								
		A	B		C	D		E	F	G	J	H	I		
SC-2- 8SR-1	200	200	840	60	480	120	Rubber	705	600	975	109	Rubber 125×38	Nylon 75×40	15	63
SC-2-12SR-1			1,190							22				68	
SC-2- 8R-1			840	55			Resin			975				15	57
SC-2- 12R-1			1,190							22				62	
SC-4- 8R-1	400	245	885	76	550	240	Steel	775	690	965	112			32(10)	82
SC-4- 12R-1			1,235							50(16)				87	

○ denotes those products made to order.

※The numbers in ( ) in the number of lifting times denote the quick lift revolutions when there is no load.

### Dimensions (Roll specifications)



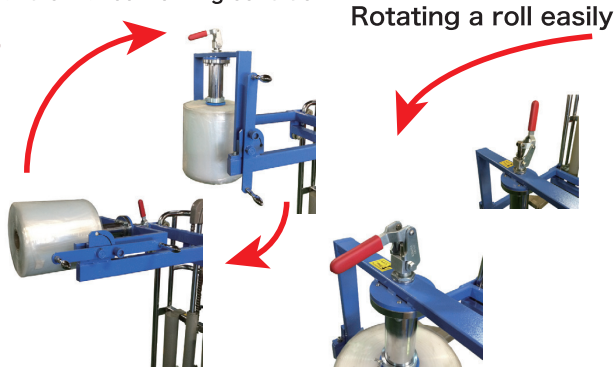
## Roll Rotating Model

## Eighteen Litre Drum and Pail Container Rotating Model

- Clamping a roll's core easily.
- Rotating a roll easily.
- All 4 wheels are universal, so it is easy to adjust the position for setting.
- Double caster brakes are equipped for stable fixing.
- Prevent low back pain and enhance working condition.



SC-4-12RC



Clamping a roll's core easily

- Easy pouring from eighteen litre drum and pail container.
- Reverse stopper is equipped for safety at operation.



SC-2-12CT-A

### Specifications for roll rotating model

Specifications	Capacity (kg)	Min. H (mm)	Max. H (mm)	Corresponding Roll Dimensions			Overall length (mm)	External width of outrigger (mm)	Overall height (mm)	Outrigger height (mm)	Steering wheel Dia. $\phi$ x Width (mm)	Load wheel Dia. $\phi$ x Width (mm)	Number of lifting times	Net Weight (kg)
				Core Size (inch)	Max. Outside Diameter ( $\Phi$ )	Length (mm)								
Model	(kg)	A	B				C	D	E	F	G	H		
SC-4-12RC	100	315	1,305	3	400	200~500	1,210	690	1,315	112	Rubber 125x38	Nylon 75x40	50 (16)	190

○ denotes those products made to order.

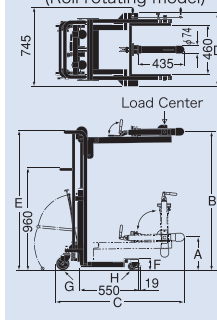
※The numbers in ( ) in the number of lifting times denote the quick lift revolutions when there is no load.

### Specifications for eighteen litre drum and pail container rotating model

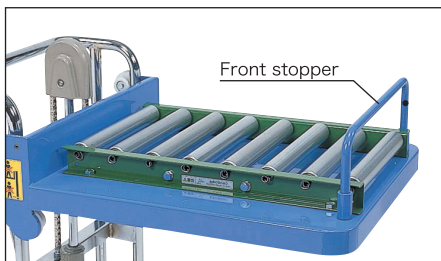
Specifications	Capacity (kg)	Min. H (mm)	Max. H (mm)	Corresponding Container	Overall length (mm)	Overall Width (mm)	Overall height (mm)	Roating Angle (degree)	Steering wheel Dia. $\phi$ x Width (mm)	Load wheel Dia. $\phi$ x Width (mm)	Number of lifting times	Net Weight (kg)
Model	(kg)	A	B		C	D	E	F	G	H		
SC-2-12CT-A	50	12	1,002	Eighteen Litre Drum Twenty Litre Pail Container	905	600	1,325	135	Double Wheel Elastomer 130x65	Urethane 75x32	22	54

○ denotes those products made to order.

### Dimensions (Roll rotating model)



# Optional attachments



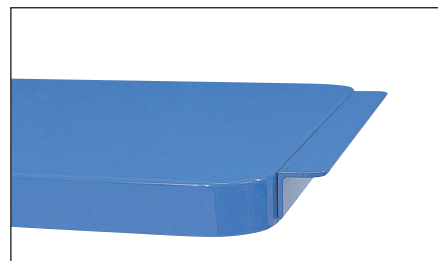
## ■ Roller conveyor

This is convenient for sliding object when it is received from the line. Equipped with a removable front stopper.



## ■ Turn table

The rotating table is convenient for assembly and other work.



## ■ L-shaped edge

The angled edge improves stability by enabling it to be attached to tables or other fixtures.

# Customization Examples



## ■ Rubber Cradle with Curved Surface



## ■ Plastic Rollers on Turn Table



## ■ Wide Rollers



## ■ Angled Forks

We customize our products,  
to meet various users' needs.



## ■ Ram Fork

Created by Highly Experienced Hydraulic Equipment Makers.

**Originality Produces Know-how**



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\* Products with special specifications besides those with standard specifications are manufactured as well. Feel free to contact OKUDAYA GIKEN.  
The specifications described in this catalog are subject to change without notice for product improvement.

\* The colors of actual products may be more or less different from those printed in this catalog.

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