

OKAWA SANKI INDUSTRIAL CO.,LTD.

CATALOGUE

PRODUCTS LINEUP English version

We answer in all needs. The attractive equipment v

SUPPLY



Drum Supply

OP-102

●Feeder for Drum

The OP-102 is equipment supplying an electric wire from a drum. The tire turns a drum and enables electric wire supply in synchronization with processing machine. The up and down mechanism of the drum and the swing arm control the slack of the electric wire. At the time of the manual operation, remote control is possible with a remote controller.

Specifications

- Power Supply / Three-phase AC 200V / 10A
- Dimensions / 2,000×1,310×1,640(W×D×H)mm
- Work Area / 2,000×2,450mm
- Drum Size / φ 900~ φ 1,900mm
- Drum Weight / Max 2,500kg
- I/O / IN: Emergency Stop×1
OUT: Emergency Stop×1



Drum Supply

OP-104

●Lifter-type Feeder for Drum

The OP-104 is equipment supplying an electric wire from a drum. The tire turns a drum and enables electric wire supply in synchronization with processing machine. And the swing arm holds the slack of the electric wire in check. When transports a drum, it can easily treat by a hand lifter function. In addition, can turn in reverse with a drum at the time of the manual operation and is available as general-purpose reeler.

Specifications

- Power Supply / Single-phase AC 100V / 7A
- Dimensions / 1,030x 1,350x 1,755(WxDxH)mm
- Drum Size / φ 600~ φ 1,000mm : Standard
φ 600~ φ 1,200mm : OP-104H
φ 450~ φ 700mm : OP-104S
- Drum Weight / Max 500Kg (OP-104S: Max 300Kg)
- I/O / IN: Emergency Stop×1
OUT: Emergency Stop×1



Drum Supply

EM-202B

●Under Roller

The EM-202B is under roller of the drums. This machine controls the turn of the drum by using with OP-106F. A drum turns only when OP-106F requires an electric wire. It is preventing a drum from turning by momentum by this control. You can use this machine in connection with the SA series.

Specifications

- Power Supply / Single-phase AC 100V / 17A
- Dimensions / 980 x 630 x 160(W x D x H) mm
- Weight / 60kg
- Drum Size / φ 450~ φ 900mm · Max-Width 700mm
- Drum Weight / Max 400kg



Wire Bundles Supply

EM-210

●Smooths Supply

The EM-210 is equipment supplying an electric wire from a bunch and a bobbin. An electric wire is supplied smoothly by a Freebear table by pulling an electric wire. Because an idle turn by the inertia does not occur, slack is little.

Specifications

- Dimensions / 600×600×70(W×D×H) mm
- Adjustment Stick Size / φ 30mm×236mm
- Weight / 20kg
- Bundles Size / I.D. φ 130~ φ 500mm,
Max.O.D. φ 600mm
- Bobbin Size / Max. O.D. φ 450mm
- Loading Weight / Max 50kg
- Free Bear / 388 peaces use
- Options / Drawer guide roller unit, Doughnut type desk pad

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MAIN



Mid Stripper

OP-171

●External Press Unit

The OP-171 is linked with "SA-371" "SA-371B(F)" series and halfway of length measurement, does a slitting at the middle of the cable. The middle slit becomes horizontal slit and vertical slit. Therefore you can strip coating easily. And you can easily do all setting in touch panel. The blade type becomes the exclusive blade, but it is with completion just to insert it in a blade type pedestal. The maximum width that it can handle is 100mm. Therefore can use for flat ribbon cables.

Specifications

- Power Supply / Single-phase AC 100V / 5A
- Dimensions / 445×480×680(W×D×H)mm Body only
- Weight / 80kg
- Operation / External signal
- Applicable / Max.O.D. φ 30mm Max Width 100mm
- Blade Type / Custom blade by the cable size



Automatic Length Measurement Cutter

SA-371B(F)

●Trunk Wire Processor

The 371B(F) is the only solution for processing material with larger dimensions cables. In equipment doing length measurement cutting, the ability for cutting is proud of high precision of +0.05% by CVT250sq, length measurement of 3000M. The 371B(F) is equipped with a function to control several peripheral devices. By this function, an interlocking movement with the peripheral device (mid strips, marking, rewind equipment) can be controlled.

Specifications

- Power Supply / Three-phase AC 200V/25A
- Dimensions / 1,830×920×1,525(W×D×H)
- Weight / 1,100kg
- Cable / Max O.D. φ 70mm (SA-371BF: Max Width 120mm)
- Max Cutting / CVT250sq(750sq) Force
- Feed Tension / Rated 140Kg Max 450Kg
- Cut Length / 1~3,000,000mm (3,000M)
- Measurement / ±0.05% (When using only our supply)
- Precision / only our supply
- Feed Speed / 0.1~1.0m/sec
- Acceleration / 0.4~9.9sec Deceleration
- Operation / Touch Panel Mode / Normal mode / Point start mode
- I/F / Ethernet 10base, 100base



Cable Supply

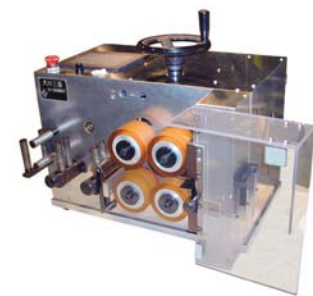
OP-106F

●Cabel Supply

The OP-106F works between cable supply machine and a processing machine, it is equipment to supply a cable to a processing machine in constant tension. The special setting such as the supply speed is not necessary. The most effective usage uses it together with our EM-210 and EM-202B.

Specifications

- Power Supply / Single-phase AC 100V / 5A
- Dimensions / 500×500×1,200(W×D×H) mm
- Weight / 60kg
- Operation / Slack control by swing arm



Automatic Length Measurement Cutter

SA-381/PC

●Simple Cutter 2

The SA-381PC is an automatic cable cutter to cut a cable with specified length. "Normal operation" "consecutive operation" "lead operation" is possible. (Lead operation is operation to stop once on the way.) Operation by the personal computer communication is possible.

Specifications

- Power Supply / Single-phase AC 100V/7A
- Dimensions / 470×365×345(W×D×H)mm
- Weight / 60kg
- Cable / Max φ 30mm
- Cut Length / 1~210,000mm
- Measurement / ±0.2% Precision (When using only our supply)
- Feed Speed / 0.1~2.0m/sec
- Acceleration / 0.4~9.9sec Deceleration
- Correction / ±9.999% Value
- Operation / Touch Panel
- Memory / Normal 50 cases Capacity Consecutive 10 cases, Lead 50 cases
- I/F / RS-232C

Electric wire.



Automatic Length Measurement Cutter

SA-371

●Trunk Wire Processor

The 371 is a machine developed for the processing of the larger dimensions cable. In equipment doing length measurement cutting, the ability for cutting is proud of high precision of $\pm 0.05\%$ by CVT100sq, length measurement of 3000M. The 371 is equipped with a function to control several peripheral devices. By this function, an interlocking movement with the peripheral device (mid strips, marking, rewind equipment) can be controlled.

Specifications

- Power Supply / Three-phase AC 200V/15A
- Dimensions / Max 1,080×780×1,345mm (W×D×H)
- Weight / 420kg
- Cable / Max O.D. ϕ 50mm
- Max Cutting / CVT100sq (300sq) Force
- Feed Tension / Rated 65Kg Max 196Kg
- Cut Length / 1~3,000,000mm (3,000M)
- Measurement / Precision $\pm 0.05\%$ (When using only our supply)
- Feed Speed / 0.1~1.0m/sec
- Acceleration / 0.4~9.9sec Deceleration
- Operation / Touch Panel
- Mode / Normal mode / Point start mode
- I/F / Ethernet 10base, 100base



Automatic Length Measurement Cutter

SA-382

●High Precision Simple Cutter

The SA-382 is an automatic cable cutter to cut a cable with specified length. "Normal operation" "consecutive operation" "lead operation" is possible. (Lead operation is operation to stop once on the way.) Operation by the personal computer communication is possible.

Specifications

- Power Supply / Single-phase AC 100V/7A
- Dimensions / 560×450×440(W×D×H)mm
- Weight / 70kg
- Cable / Max ϕ 35mm
- Cut Length / 1~210,000mm
- Measurement / $\pm 0.1\%$ Precision
- Feed Speed / 0.1~2.0m/sec
- Acceleration / 0.4~9.9sec Deceleration
- Correction / $\pm 9.999\%$ Value
- Operation / Touch Panel
- Memory / Normal 50 cases
- Capacity / Consecutive 10 cases, Lead 50 cases
- I/F / RS-232C

Outside Cutting Unit

OP-200

●Rotary Cutter Unit

OP-200 is a peripheral device doing the cutting of the electric wire with a rotary cutter. It is linked with "SA-382", "SA-371", "SA-371B" and an electric wire done length measurement of is cut off. The cross section is cut off in a right angle by a rotary cutter. Cutting speed and rotary speed can be set arbitrarily. Air cooling and vacuum operate during cutting.



Specifications

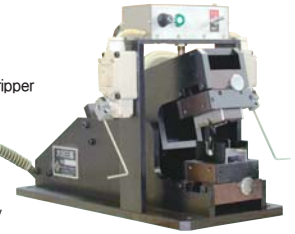
- Power Supply / Three-phase AC 200V / 7A
- Air pressure / 0.4Mpa
- Dimensions / 530×856×1,465(W×D×H) mm
- Weight / 70kg
- Cable / Max ϕ 50mm
- Cutter tuyn speed / 10~480rpm (Rotary speed 6.4~309M/min)
- Cutting speed / 0~21mm/sec

Mid Stripper

KIND2-10B

●Mid Stripper

KIND2-10B is machinery to make slit for midway of power cables such as CV. It is a machine suitable for main line processing of the building harness. Horizontal slit and vertical slit enter electric wire processed by this machine. Therefore Sheath can be easily stripped off by manual labor.



Specifications

- Power Supply / Single-phase AC 100V/5A
- Dimensions / 200×460×310(W×D×H)mm
- Weight / 30kg
- Operation / Right and left both hands push lever switch
- Cable / IV-CV14sq~25sq (Exclusive blade)
- Stripping / Max 100mm(standard) Length
- Oil Pressure / Max 2.5ton
- 1 Run Times / 3~6sec(By cable)
- Hydraulic / SMP-3SW Pump (Made in Reken Seiki)

Automatic Length Measurement Cutter and Stripper

SA-367

●Automatic Wire Skin Machine

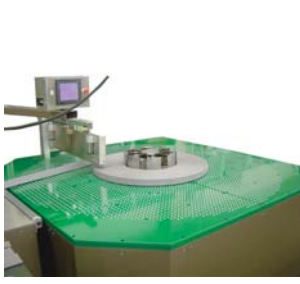
The SA-367 is automatic cut and strip machine. The setting is only cut and strip length and number. When load occurred on the electric wire during the measurement, "SA-367" offers the processing that there is not unevenness of the measurement by "two sets of four roller drive" and "The whit displacement synchronization control".



Specifications

- Power Supply / Three-phase AC 200V / 20A
- Dimensions / 1,400 x 650 x 1,420(WxDxH)mm
- Weight / 350kg
- Operation / Touch Panel
- Cutting Length / 110 ~ 3,000,000mm (3,000m)
- Feed Speed / 0.01 ~ 2.00M/sec
- Cable / Universal(VCT,VCTF,Communication): Max O.D. ϕ 20mm Max Width 40mm Automobile(WL1,WL2): Max 100sq Power cable(IV,HIV,CV,KIP): Max 38s(CV:22sq)
- Stripping / Front: 0 ~ 9,999.9mm Length Rear: 0 ~ 210mm (Trailing Slit: 0 ~ 9,999.9mm)
- Stroke / Leading end: 0 ~ 110mm Trailing end: 0 ~ 215mm
- Measurement / Precision High speed: $\pm 0.1\%$ High precision: $\pm 0.2\%$ (case:hard cable) (When using only our supply)
- I/F / Ethernet 10base, 100base

Remote line Options



Cable Winding Machine **ERS-1500FL** type ●Linked Flat Cable Winding Machine

The ERS-1500FL is linked with SA-371 or SA-371B, and it is equipment doing the record scroll of the flat cable. The coiling size is different at the size of the parasol of rewinder. The rewind tension maintains the same by using a powder clutch. The flat cable is coiled on a freebear table horizontally. After coiling a parasol goes down, then can easily take out a cable.

Specifications

- Power Supply / Three-phase AC 200V / 10A
- Dimensions / 2,400×1,600×820(W×D×Table height)mm
- Weight / 500kg
- Operation / Synchronous winding by interlocking movement signal
- Applicable Parasol / Winding I.D. ϕ 300~ ϕ 450mm Max Width 250mm
- Coiling Dimensions / Max ϕ 1,500mm(I can appoint it)

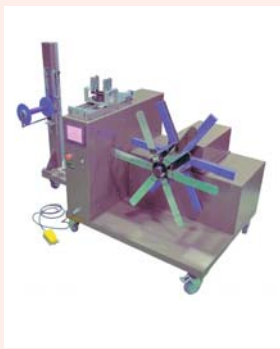


Wire Stocker **WS-3040** ●Wire Stocker

The WS-3020 is a stoker of an electric wire after the cutting. Linked with SA-382 / SA-371 / SA-371B / OP-200, stores a cut electric wire in a duct. Manufacturing of the duct length with user specifications is possible.

Specifications

- Power Supply / Three-phase AC 200V / 3A
- Dimensions / 4,037×1,247×858(W×D×H) mm
- Weight / 130kg
- Cable / Max ϕ 40mm
- Stacking Length / 3,200mm



Cable Winding Machine **ERS-850** ●Linked Cable Winding Machine (for bundle wire)

The ERS-850 is linked with the SA series, it is rewinding an electric wire in a bunch. The coils diameter depends on a parasol. By a traverse function, lining up can rewind. For an electric traverse, can carry it out by setting of the pace and numerical value input including the 1/2 rounds per minute turn. By slack control with the swing arm, rewinding speed synchronizes freely.

Specifications

- Power Supply / Single-phase AC 100V / 5A
- Dimensions / 1,600×850×1,195(W×D×H) mm
- Weight / 100kg
- Traverse / "pace" "turn timing" "quantity of offset" setting is possible
- Operation / Interlocking movement signal / Synchronous winding by Slack control
- Operation Mode / Linked operation / Single motion by foot switch
- Applicable Parasol / Max ϕ 800 Max Winding Width 200mm



Cable Winding Machine **OP-103** ●Drum Winding Machine (for Drum)

OP-103 is equipment to rewinding an electric wire on a drum. rewinding is carried out by the rise and fall of the drum and the turn of the drum.

Specifications

- Power Supply / Three-phase AC 200V / 10A
- Dimensions / 2,000×1,200×1,640(W×D×H) mm
- Cable Drum Size / O.D. ϕ 900~ ϕ 1,900mm
- Cable Drum Weight / 1,500kg
- I/O / IN : Emergency Stop x 1
OUT : Emergency Stop x 1

*Fixation by anchor bolt
*User specifications is possible



Cable Winding Machine **OP-105** ●Lifter type Linked Cable Winding Machine (for drum) (for Drum)

OP-105 is equipment to rewind an electric wire on a drum. The rewind is executed by the rise and fall of the drum and the turn of the drum. By a hand lifter, the movement of the drum after the rewind is easy.

Specifications

- Power Supply / Three-phase AC 200V/10A
- Dimensions / 1,300×1,350×1,870(W×D×H) mm
- Cable Drum Size / ϕ 600~ ϕ 1,200mm
- Cable Drum Width / Max 600mm
- Cable Drum Weight / Max 500kg
- Operation / Handy-style Touch panel
- I/O / IN : Emergency Stop x 1
OUT : Emergency Stop x 1

STRIPPER



Terminal Stripper

KIND2-6Z

●Wire Skin Machine (Table top Stripper)

It is a tabletop wire stripper of the exclusive blade. By an exclusive blade type produced to an electric wire and specifications of the processing, it can strip the other machines by the electric wire which cannot strip easily.

Specifications

- Power Supply / Single-phase AC100V/7A
- Dimensions / 515×280×470(W×D×H)mm
- Weight / 60kg
- Cable Dimensions / Max ϕ 15(proceest possible up to ϕ 18 in powerup)
- Cable Width / Max 80mm
- Stroke / 60mm,-035mm(Leave sheath)
- Stroke Length / 0~60mm : Remove sheath
Up to 60mm : Leave sheath
- Blade Type / Each wire and processing user-supplied
- Operation / Foot Switch
- Cable / Universal, Parallel, Power Cable, Flat, Ribbon, long oval



Terminal Stripper

KIND2-R7C

●Desk top Stripper

It is a wire stripper for exclusive use of the round shape cable which adopted our original VS blade. By dial adjustment, it is applicable to various wire size with one kind of blade type. The VS blade has size to 1-15. In addition, can secure stability more than in installing "X blade" developed by a new technology.

Specifications

- Power Supply / Single-phase AC100V/7A
- Dimensions / 360×420×375(W×D×H)
- Weight / 40kg
- Wire Dimensions / Max ϕ 20mm
- Stroke / Max 70mm
- Stroke Length / 0~250mm(In Scale)
250mm~(No Scale)
- Blade Type / VS Blade, X Blade
- Operation / Foot Switch
- Setting Length / Adjustment by micrometer head
- Cable / Round cable(ϕ 2~ ϕ 20)



Terminal Stripper

KIND2-7D

●Desk top Stripper

KIND2-7D is a wire stripper for stripping of a lead wire and the multifiber cable core. Blade type adjustment and clamp, stroke, strip size, can do it by dial adjustment entirely.

Specifications

- Power Supply / Single-phase AC100V/2A
- Dimensions / 170×308×253mm(W×D×H)
- Weight / 12kg
- Wire Dimensions / Max ϕ 5
- Stroke / 0~13mm
- Stroke Length / 1.5~25mm
- Operation / Touch sensor / Foot switch
- Setting Length / Adjustment by micrometer head
- Cable / AWG#28 ~ AWG#10 (Max 5.5sq)

Feeder



Simple Winding Machine

EM-203

●Electric Duran Coiler

EM-203 is a simple machine to rewind an electric wire on a drum. A drum is ridden on a roller, and a drum is turned, and rewind is done. It operates by a foot switch or a push button switch.

Specifications

- Power Supply / Single-phase AC100V/5A
- Dimensions / 1,400×640×560mm(W×D×H)
- Weight / 70kg
- Drum Size / O.D. ϕ 450~ ϕ 900mm
Max Width 800mm
- Operating Action / Foot Switch or Push Switch
- Coiling Speed
- Coiling Direction / Volume Control
- Can choose right and left rotatory direction by select switch



Simple Winding Machine

KRE

●Electric Winding Machine

KRE is electric operation rewind equipment to wind an electric wire in a bunch. This machine uses it together with a PR type rewind parasol. The rewind diameter becomes the size of the PR type rewind parasol.

Specifications

- Power Supply / Single-phase AC100V/5A
- Dimensions / 600×600×1,150mm(W×D×H) (Only main body)
- Weight / 50kg
- Parasol / O.D. ϕ 450~ ϕ 800mm
Standard Coiling Width 50~150mm
- Operating Action / Foot Switch
- Coiling Speed / Volume Control



Simple Winding Machine

PRS

●Manual Winding Machine

PRE is manual operation rewind equipment to wind an electric wire in a bunch. This machine uses it together with a PR type rewind parasol. The rewind diameter becomes the size of the PR type rewind parasol.

Specifications

- Dimensions / 650×600×870mm(W×D×H) (Only main body)
- Weight / 40kg
- Parasol / O.D. ϕ 450~ ϕ 800mm
Standard Coiling Width 50~150mm



Parasol Unit

PR

●Coiling Parasol

When an electric wire is wound in KRE / PRS / ERS-850, this product is used. Because a wing is becoming the opening and shutting type, an electric wire bunch can be taken out easily. Please choose this product by rewind size. In addition, a special order is possible.

P.NO	O.D.	I.D	Width	Shaft hole
PR451510	ϕ 450	ϕ 150	100	ϕ 25
PR602510	ϕ 600	ϕ 250	100	ϕ 25
PR602515	ϕ 600	ϕ 250	150	ϕ 25
PR703010	ϕ 700	ϕ 300	100	ϕ 25
PR703015	ϕ 700	ϕ 300	150	ϕ 25
PR803515	ϕ 800	ϕ 350	150	ϕ 25



Terminal Stripper

KIND2-9H

●Power Stripper

KIND2-9H is a wire stripper developed for the purpose of terminal stripping for power cables mainly. This is applicable to / CV / IV / metal wire braid. It works with a foot switch, but does the detailed setting such as strokes in touch panel.

Specifications

- Power Supply / Single-phase AC200V/10A
- Dimensions / 775×676×1,291mm(W×D×H)
- Weight / 300kg
- Wire Size / Max ϕ 40, Max Width 70mm
- Stroke / 0~195mm
- Stroke Length / Not limit.
- Blade Type / Exclusive blade which depended on cable. (Stripping is possible two steps)
- Operation / Foot Switch
- Setting Length / Touch Panel
- Cable / Round cable (CV,IV,KIP)



Terminal Stripper

KIND2-20W

●Multi-function Stripper

KIND2-20W is a multi-function wire stripper. Two kinds of different blade models are installed. Therefore not only the cutting but also the slit can work together. In addition, the long stripping extending to up to 90m is possible.

Specifications

- Power Supply / Single-phase AC200V/10A
- Dimensions / 495×610×500(W×D×H)mm
- Weight / 120kg
- Wire Size / Max ϕ 40, Max Width 70mm
- Stroke Length / 0 ~ 90,000mm
- Strips Mode / Leave sheath, Partial strip
- Blade Type / Adjustment blade/ Exclusive blade/ Vertical slit
- Operation / Touch Panel
- Operating / Foot Switch or Touch Panel Action
- Operation / Normal mode/Slit mode Mode

MID STRIPPER



Mid Stripper

HMS

●Hand-operated Mid Stripper

The hand-operated wire stripper who does mid stripping of a single line or the cable core. This plays an active part in "a core branch of the tunnel harness", "car harness", various fields including "the ground branch of the shield cable".

Specifications

- Body / MEB 0560 type
- Wire / Round cable ϕ 1~ ϕ 7mm
- Stripping / 4~60mm
- Length (Specifications special as for more than 30mm)



Mid Stripper

HMSW

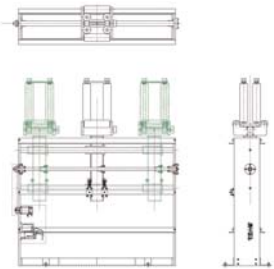
●Hand-operated Mid Stripper

The hand-operated wire stripper who does mid stripping of a single line or the cable core. This plays an active part in "a core branch of the tunnel harness", "car harness", various fields including "the ground branch of the shield cable".

Specifications

- Body / 30-506 type
- Wire / Round cable ϕ 7~ ϕ 15mm (Max CV60sq)
- Stripping / 4~60mm
- Length (Specifications special as for more than 50mm)

OTHER PRODUCTS



Other

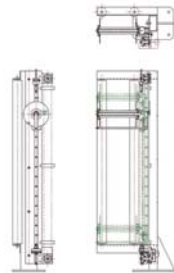
UT-100

●Traverser for Drum

It is the product of a unit which function of traverse when a cable is wound on a drum. It can be manufactured with user specifications including right and left width and the cable passage height. An encoder is installed in existing winding machine, and it works by inputting this encoder signal.

Specifications

- Power Supply / Single-phase AC200V/7A or Single-phase AC100V/10A
- Dimensions / 1,230×280×1,470mm(W×D×H)
- Weight / 90kg
- Cable Size / Max ϕ 80mm
- Amplitude Width / 0~900mm
- Operation / Touch Panel
- Input / 24V encoder pulse signal(A/B) Pace setting / offset
- Operating Range / movement 0°, 90°, 180°, 270°, 360° can set the turn



Other

UT-200

●Slack Control Unit

The UT-200 is used of tension control for peripheral devices in the equipment that a signal outputs quantity of slack of the electric wire. The production with user specifications is possible, too.

Specifications

- Power Supply / Single-phase AC200V/7A or Single-phase AC100V/10A
- Dimensions / 250×470×1,230mm(W×D×H)
- Weight / 50kg
- Cable Size / Max ϕ 80mm
- Right and left / 0~900mm width
- Slack Range / 0~700mm
- Output / Voltage output 0-10V by Potention meter.



Other

IPC-2515

●Slant type packing conveyer

It is equipment tilting a roller conveyer of 2.5m×1.5m in the range of 0 degrees - 45 degrees. The burden on worker including the packing work of heavy goods is reduced. The tilt movement has inching / series operation. The setting operation of the stopper is possible.

Specifications

- Power Supply / Three-phase AC200V/10A
- Dimensions / 2,500×1,600mm(W×D) H : Normal: 780~870mm Max Tilting: 1,950mm
- Weight / 630kg
- Payload / Max 500kg
- Conveyer Size / 2,400×1,500mm
- Tilting Speed / Possibility variable by setting of the inverter.
- Tilting Angle / 0°~45°
- Operation / Button operation by hand switch books.

M a k e s t h e f u t u r e o f t h e e l e c t r i c w i r e .

*We are doing a study corresponding to the needs of your company.
Please come whenever you want my advice.*



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