

**RISHBIN**

*Industrial Supply Solutions*



ROLL FORM LINES SPECIALIST  
**RISHBIN WUXI CO., LTD**

## ROLL FORM LINES SPECIALIST

### **RISHBIN WUXI CO., LTD**

Established in 1999, Rishbin specialize in cold roll forming machine and auto-producing line. We have engaged in producing steel structure roof and wall panel equipment. Owing advanced equipment and excellent designer our products has reached leading level by high efficiency, high precision and low waste. Our products including roofing board machine, glazed tile forming machine, C/Z purlin machine, ridge cap machine, double-deck forming machine, big span arch machine, roll shutter door forming machine, downpipe machine, uncoiler/stacker, floor deck producing line , fast guardrail producing line, color steel sandwich panel production line and uncoil-check level-slitter series equipment.

To put customers' benefit on the first, we know our success comes from customers' success and support. We run this mind through the whole process from the design and development to after-sale service in order to help our customer increase efficiency and reduce cost to strengthen competitive forces. Our designer and sales will listen to your requirement to help you receive an ideal equipment.

Our company has perfect internet for after-sale service which can support the after-sales so that you can get the satisfied equipment, ensure you receive our considerate service by solving all the problems which appeared during using the machine.

Cooperation is the beginning we want to make friends faithfully and hope create a brilliant future.

- C Purlin Machine & Z Purlin Machine
- Corrugated Panel Forming Machine
- Rolling Shutter Door Roll Forming Machine
- Double Layer Roll Forming Machine
- Continuous PU Sandwich Panel Line
- Glazed Roof Tile Forming Machine
- Guard Rail Roll Forming Machine
- Cee & Zed Purlin Machine
- Metal Deck Roll Forming Machine
- Portable Downspout Machine
- Gutter Machine and Elbow Machine
- Steel Coil Slitting Line
- Stud Track Machine
- K Span Roll Forming Machine
- Ridge Cap Roll Forming Machine



## C Purlin Machine & Z Purlin Machine >>>

- Running speed: 10M/min (Including time of holes punching cutting)
- Number of stations: 14 stations
- Number of straighten rollers: 7 rollers
- Roller material: GCr15 with heat treatment and hard chrome-plated HRC58-62
- Shaft diameter:  $\phi 76\text{mm}$
- Main motor power: 15KW
- Power of hydraulic station: 5.5KW
- Electronic controlling system: full-frequency PLC controlling system
- Cutting: cutting after forming with hydraulic driving
- Material of cutting blade: Cr12 quenched



## Corrugated Panel Roll Forming Machine >>>

- Production Material(mm):  $(0.3\sim 0.8)\times L$
- Forming speed: 10-15M/min
- Number of stations: 18 stations
- Power of main motor: 7.5kw
- Power of hydraulic station: 3kw
- Roller material: high quality 45 Forged chrome-plated hardware
- Shaft diameter:  $\phi 76\text{mm}$
- Hydraulic Station Pressure: 10~12 Mpa
- Cutter Material: Cr12 quenched
- Electronic controlling system: full-frequency PLC controlling system, error of cutting length  $\leq 2\text{mm}$



## Rolling Shutter Door Roll Forming Machine »



- Production Material(mm): (0.8-1.2)×L
- Forming speed: 10-15M/min
- Number of stations: 18 stations
- Roller material: high quality 45 Forged chrome-plated hardware
- Shaft diameter:  $\phi 75\text{mm}$
- Shaft material: Using high-quality steel 45 quenched and tempered after finishing treatment
- Power of main motor: 7.5 kw
- Power of cutting motor: 3.0 kw
- Cutter Material: Cr12 quenched
- Electronic controlling system: full-frequency PLC controlling system



## Double Layer Roll Forming Machine »

- Product material: thickness(0.3mm-0.8mm)
- Feeding width: Upper layer: CX39-192-1060 Lower layer: CX35-363-900
- Forming speed: 10~15M/min
- Number of stations: Upper layer: 18 stations Lower layer: 20 stations
- Roller material: GCr15 with heat treatment and hard chrome-plated HRC58-62
- Shaft diameter:  $\phi 76\text{mm}$
- Main motor power: 7.5KW
- Power of hydraulic station: 3.0KW
- Electronic controlling system: full-frequency PLC controlling system
- Cutting: cutting after forming with hydraulic driving
- Material of cutting blade: Cr12 quenched





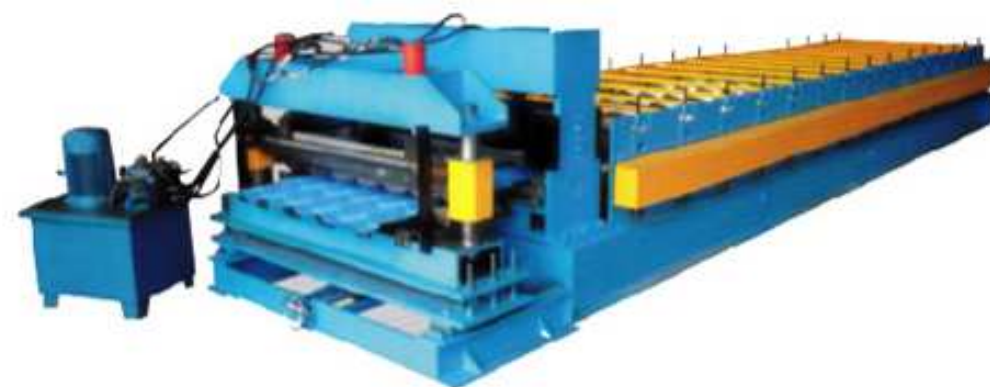
## Continuous PU Sandwich Panel Line >>>

- Production Material(mm):  $(0.35-0.8) \times L$
- Production speed: 4-8 M/min
- Production type: totally continuous production with PLC controlling
- PU foam thickness: 25-150mm
- Composite structure: position fixed by double rubber tracker
- Foaming system: totally automatically continuous foaming, quantity of foaming could be stepless adjustable
- Power of production  $\geq 22KW$
- Total power  $\geq 35 KW$
- Cutting: pneumatic piston driving, non-stop cutting via sliding table
- Electronic controlling system: full-frequency PLC controlling system



## Glazed Roof Tile Forming Machine >>>

- Production Material(mm):  $(0.3 \sim 0.8) \times L$
- Forming speed: 4-6 M/min
- Number of stations: 18 stations
- Roller material:  
high quality 45 Forged chrome-plated hardware
- Shaft diameter:  $\phi 76mm$
- Shaft material: Using high-quality steel 45 quenched and tempered after finishing treatment
- Power of main motor: 7.5 KW
- Power of cutting motor: 5.5 KW
- Hydraulic Station Pressure: 10~12 Mpa
- Transmission device: Chain driven
- Cutting: Cutting after formed with two cutters
- Cutter Material: Cr12 quenched
- Electronic controlling system:  
full-frequency PLC controlling system



## Guard Rail Roll Forming Machine »



- Power of hydraulic station: 7.5KW
- Main motor power: 45KW
- Transmission: gear box with universal coupling
- Shaft diameter:  $\phi 100\text{mm}$
- Number of stations: 17 stations
- Speed adjusting use frequency conversion, 5m-20m/min(not including punching)
- Material of cutting blade: Cr12, quenched 58°C-62°C
- Dimension of production line(mm): 11000(L)X1800(W)X1500(H)



## Cee & Zed Purlin Machine »

CZ Quick interchangeable roll forming machine is manually operated continuously to produce many C/Z purlins, different dimension purlins could be produced without changing rollers. All the operations will be automatically controlled during production process such as punching, cutting, forming, according to the purlin's length, punching position and quantity of punching holes, etc.

CZ Quick interchangeable roll forming machine is consists of guiding device, straighten device, two sets of hydraulic punching device, hydraulic cutting device, quick interchangeable rolling former, electric controlling system, hydraulic controlling system.

Main motor drive is a reducer with frequency conversion controlled, so speed, length, position could be controlled accurately. Appearance of the machine is good, high efficiency production which means production speed could be 20m/min.

### Technical specification

1. Thickness of purlin: 1.5mm~3mm
2. Adjustable range of punching holes: 45mm~500mm
3. Max. forming speed: 20m/min
4. Total motor power: 40KW
5. Number of stations: 19 stations





## Metal Deck Roll Forming Machine »

- Production Material(mm): (0.8-1.5)×L
- Forming speed: up to 12M/min
- Number of stations: 26 stations
- Shaft diameter:  $\phi 85\text{mm}$
- Power of main motor: 11.0 kw X 2
- Power of cutting motor: 5.5 kw
- Hydraulic Station Pressure: 10 Mpa
- Cutting: hydraulic cutting after formed
- Cutter Material: Cr12 quenched



## Portable Downspout Machine Gutter Machine and Elbow Machine »

- Production Material(mm): (0.8-1.5)×L
- Forming speed: up to 12M/min
- Number of stations: 11 stations
- Shaft diameter:  $\phi 65\text{mm}$
- Power of main motor: 3.0 kw
- Power of cutting motor: 3.0 kw
- Cutting: fly saw cutting after formed
- Cutter Material: Cr12 quenched



## Steel Coil Slitting Line »

HD slitting lines often incorporate a variety of auxiliary component equipment as well. We can provide superior scrap handling systems, side trimmers, edge guides, threading assist systems, turret type unwinds/rewinds, coil cars, sophisticated coil downlayers and high production packaging systems.

Customers can choose from a variety of standard and custom designs. HD has predesigned, prepackaged systems that enable processors to take advantage of favorable cost and delivery schedules. HD's unmatched experience in slitting technology ensures that custom configured slitting lines have the built-in features and state-of-the-art operations and controls that will meet stringent customer quality and efficiency requirements.



## Stud Track Machine »

- Production Material(mm):  $(0.55-0.95) \times L$
- Forming speed: 12-15M/min
- Number of stations: 9 stations
- Roller material: high quality 45 Forged chrome-plated hardware
- Shaft diameter:  $\phi 65\text{mm}$
- Shaft material: Using high-quality steel 45 quenched and tempered after finishing treatment
- Power of main motor: 4.0kw
- Power of cutting motor: 3.0kw
- Tooling stations: hydraulic cutting and holes punching after formed
- Cutter Material: Cr12 quenched
- Tooling stations mounted on sliding table
- Controller: PLC controller panel (3D)





## K Span Roll Forming Machine »

- Production Material: thickness (0.6mm-1.2mm)\*L
- Forming speed: 10~15M/min
- Number of stations: 16 stations
- Power of main motor: 7.5 kw
- Power of hydraulic motor: 3.0 kw
- Curving motor power: 4+1.1+1.1 kw
- Roller material: high quality 45 forged chrome-plated hardware
- Shaft diameter:  $\phi 76\text{mm}$
- Pressure of hydraulic station: 10-12Mpa
- Material of cutting blade: Cr12 quenched



## Ridge Cap Roll Forming Machine »

The kind of machine adopts new station to increase of the solid nature of the machine the same time to make machine more attractive. The machine is controlled by control panel and simple push-button, more convenient to operate the machine.

- Thickness: 0.4-0.8mm
- Speed: 12m/min
- Roll station: 10stations
- Main power: 5.5KW
- Hydraulic station power: 3KW
- Control system: PLC Panasonic
- Drive: by chain



## Roofing >>>



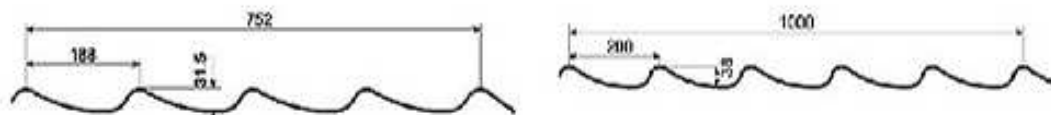
TYPE	YX44-230-920
EFFECT WIDTH(mm)	920
FEEDING WIDTH(mm)	1200
THICKNESS(mm)	0.5-0.6
APPLICATION	Tile-roof panel

TYPE	YX28-187.5-750
EFFECT WIDTH(mm)	750
FEEDING WIDTH(mm)	925
THICKNESS(mm)	0.5-0.6
APPLICATION	Tile-roof panel



TYPE	YX26-176-704
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THICKNESS(mm)	0.5-0.6
APPLICATION	Tile-roof panel

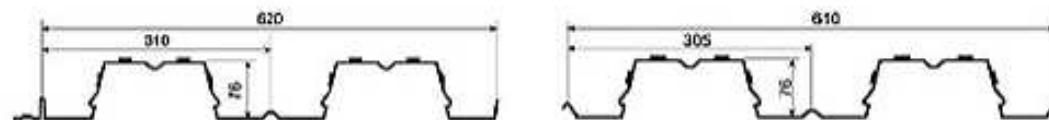
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FEEDING WIDTH(mm)	1080
THICKNESS(mm)	0.5-0.6
APPLICATION	Tile-roof panel



TYPE	YX31.5-188-752
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FEEDING WIDTH(mm)	914
THICKNESS(mm)	0.5-0.6
APPLICATION	Tile-roof panel

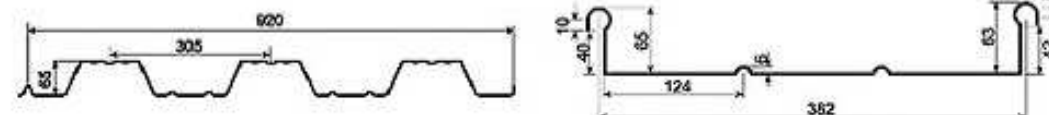
TYPE	YX38-200-1000
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FEEDING WIDTH(mm)	1219
THICKNESS(mm)	0.5-0.6
APPLICATION	Tile-roof panel

## Floor decking panel >>>



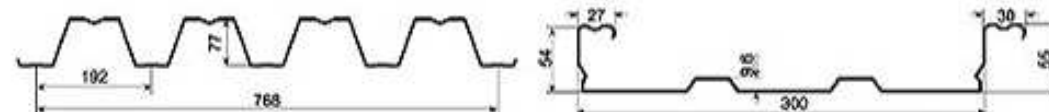
TYPE	YX76-310-620
EFFECT WIDTH(mm)	620
FEEDING WIDTH(mm)	1000
THICKNESS(mm)	0.8-1.3
APPLICATION	Floor decking panel

TYPE	YX76-305-610
EFFECT WIDTH(mm)	610
FEEDING WIDTH(mm)	1014
THICKNESS(mm)	0.8-1.3
APPLICATION	Floor decking panel



TYPE	YX65-305-920
EFFECT WIDTH(mm)	920
FEEDING WIDTH(mm)	1220
THICKNESS(mm)	0.8-1.3
APPLICATION	Floor decking panel

TYPE	YX64-124-382
EFFECT WIDTH(mm)	382
FEEDING WIDTH(mm)	600
THICKNESS(mm)	0.8-1.3
APPLICATION	Floor decking panel

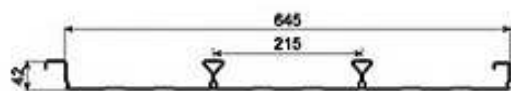


TYPE	YX77-192-768
EFFECT WIDTH(mm)	768
FEEDING WIDTH(mm)	1250
THICKNESS(mm)	0.8-1.3
APPLICATION	Floor decking panel

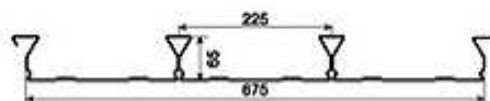
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THICKNESS(mm)	0.8-1.3
APPLICATION	Floor decking panel



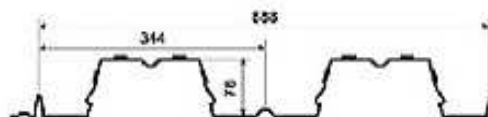
## Floor decking panel »



TYPE	YX42-215-845
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FEEDING WIDTH(mm)	1000
THICKNESS(mm)	0.8-1.2
APPLICATION	Floor decking panel



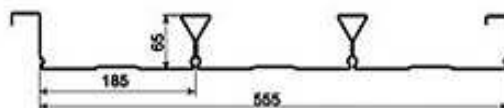
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FEEDING WIDTH(mm)	1000
THICKNESS(mm)	0.8-1.2
APPLICATION	Floor decking panel



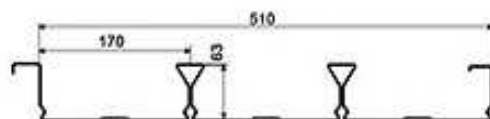
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EFFECT WIDTH(mm)	898
FEEDING WIDTH(mm)	1000
THICKNESS(mm)	0.8-1.3
APPLICATION	Floor decking panel



TYPE	YX95-300
EFFECT WIDTH(mm)	300
FEEDING WIDTH(mm)	600
THICKNESS(mm)	1.0-1.5
APPLICATION	Floor decking panel

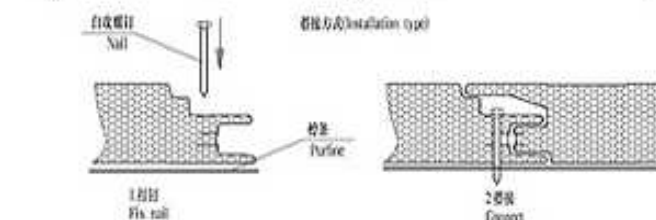
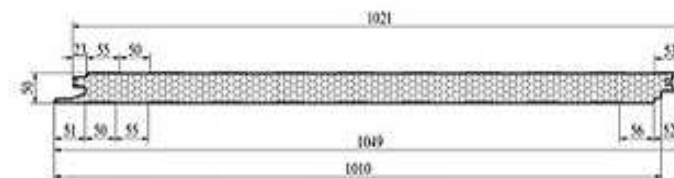


TYPE	YX85-185-555
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THICKNESS(mm)	1.0-1.2
APPLICATION	Floor decking panel

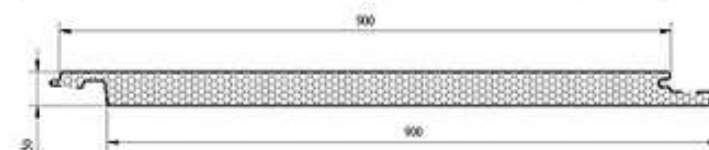


TYPE	YX83-170-510
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FEEDING WIDTH(mm)	1000
THICKNESS(mm)	0.8-1.2
APPLICATION	Floor decking panel

## Polyurethanes Composite Panel »



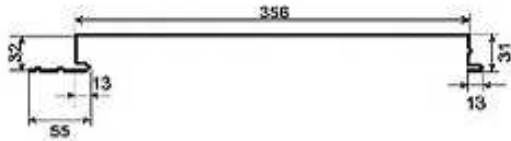
TYPE	YX50-1021
EFFECT WIDTH(mm)	1000
FEEDING WIDTH(mm)	1200
THICKNESS(mm)	0.3-0.5
APPLICATION	Polyurethanes composite panel



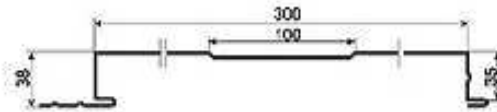
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THICKNESS(mm)	0.8-1.2
APPLICATION	Polyurethanes composite panel



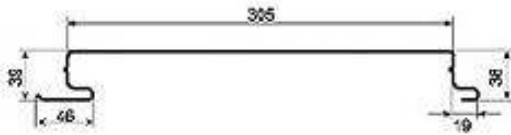
## Boltless wall panel »



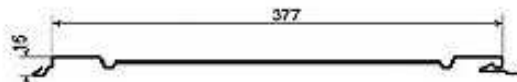
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FEEDING WIDTH(mm)	500
THICKNESS(mm)	0.5-0.8
APPLICATION	Bootless wall panel



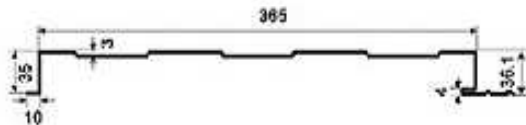
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FEEDING WIDTH(mm)	457
THICKNESS(mm)	0.5-1.0
APPLICATION	Bootless wall panel



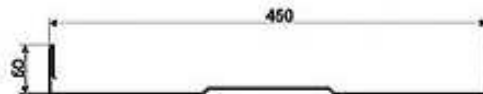
TYPE	YX305
EFFECT WIDTH(mm)	305
FEEDING WIDTH(mm)	475
THICKNESS(mm)	0.5-0.8
APPLICATION	Bootless wall panel



TYPE	YX15-377
EFFECT WIDTH(mm)	377
FEEDING WIDTH(mm)	500
THICKNESS(mm)	0.5-0.8
APPLICATION	Bootless wall panel

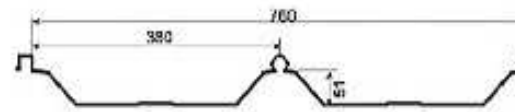


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EFFECT WIDTH(mm)	365
FEEDING WIDTH(mm)	500
THICKNESS(mm)	0.5-1.0
APPLICATION	Bootless wall panel

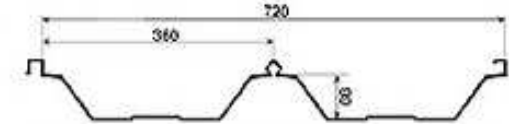


TYPE	YX450
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FEEDING WIDTH(mm)	600
THICKNESS(mm)	0.5-1.0
APPLICATION	Bootless wall panel

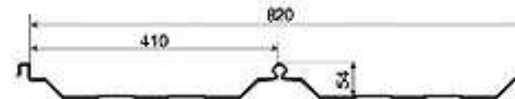
## Boltless roof panel »



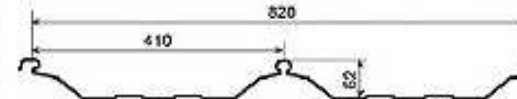
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THICKNESS(mm)	0.5-0.8
APPLICATION	Bootless roof panel



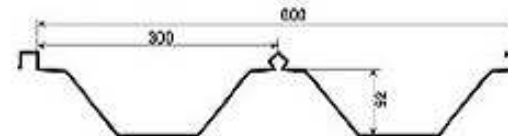
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FEEDING WIDTH(mm)	1000
THICKNESS(mm)	0.6-1.0
APPLICATION	Bootless roof panel



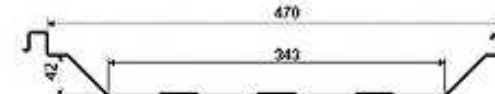
TYPE	YX54-410-820
EFFECT WIDTH(mm)	820
FEEDING WIDTH(mm)	1000
THICKNESS(mm)	0.5-0.8
APPLICATION	Bootless roof panel



TYPE	YX62-410-820
EFFECT WIDTH(mm)	820
FEEDING WIDTH(mm)	1000
THICKNESS(mm)	0.5-0.8
APPLICATION	Bootless roof panel



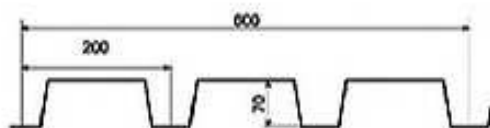
TYPE	YX92-300-600
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FEEDING WIDTH(mm)	914
THICKNESS(mm)	0.6-1.0
APPLICATION	Bootless roof panel



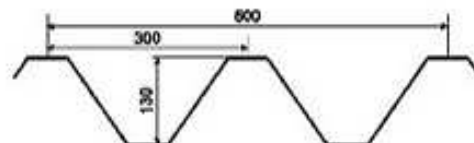
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FEEDING WIDTH(mm)	600
THICKNESS(mm)	0.4-0.8
APPLICATION	Bootless roof panel



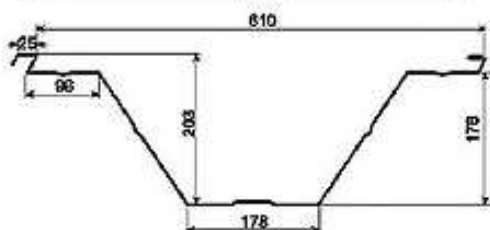
## K-Span Panel >>>



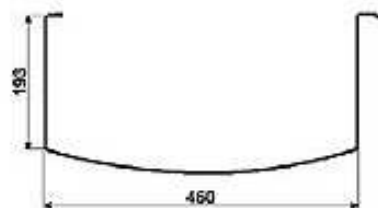
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FEEDING WIDTH(mm)	1000
THICKNESS(mm)	0.6-1.0
APPLICATION	K-Span Panel



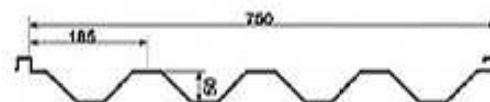
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FEEDING WIDTH(mm)	1000
THICKNESS(mm)	0.6-1.0
APPLICATION	K-Span Panel



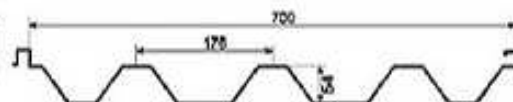
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FEEDING WIDTH(mm)	914
THICKNESS(mm)	0.7-1.3
APPLICATION	K-Span Panel



TYPE	YX193-450
EFFECT WIDTH(mm)	450
FEEDING WIDTH(mm)	914
THICKNESS(mm)	0.6-1.0
APPLICATION	K-Span Panel

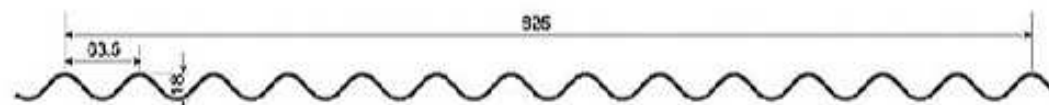


TYPE	YX50-185-750
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THICKNESS(mm)	0.6-1.0
APPLICATION	K-Span Panel

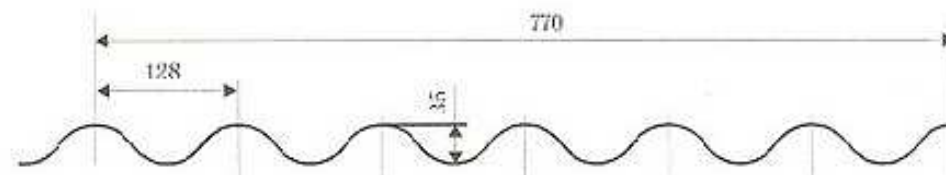


TYPE	YX54-178-700
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FEEDING WIDTH(mm)	1000
THICKNESS(mm)	0.6-1.0
APPLICATION	K-Span Panel

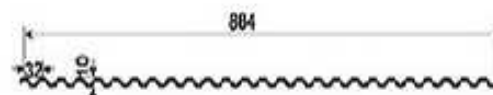
## Corrugated Roof >>>



TYPE	YX18-83.5-825
EFFECT WIDTH(mm)	825
FEEDING WIDTH(mm)	1000
THICKNESS(mm)	0.5-0.8
APPLICATION	Corrugated Roof Panel



TYPE	YX35-126-770
EFFECT WIDTH(mm)	770
FEEDING WIDTH(mm)	1000
THICKNESS(mm)	0.5-0.8
APPLICATION	Corrugated Roof Panel



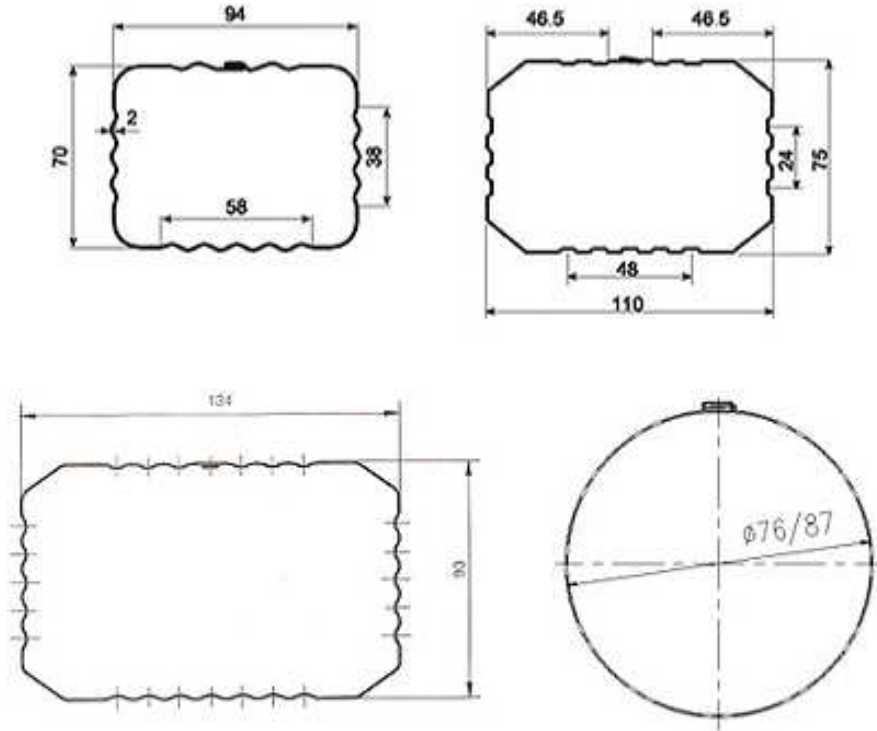
TYPE	YX10-32-884
EFFECT WIDTH(mm)	884
FEEDING WIDTH(mm)	1000
THICKNESS(mm)	0.4-0.8
APPLICATION	Corrugated Roof Panel



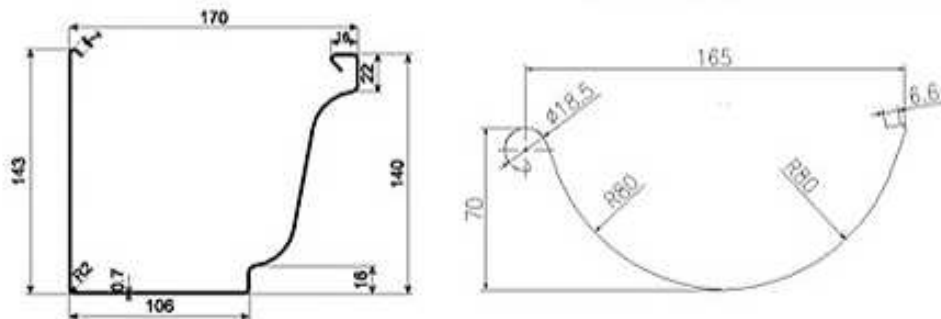
TYPE	YX18-76-836
EFFECT WIDTH(mm)	836
FEEDING WIDTH(mm)	1000
THICKNESS(mm)	0.4-0.8
APPLICATION	Corrugated Roof Panel

## Downspout & Gutter

## Decoration Profile

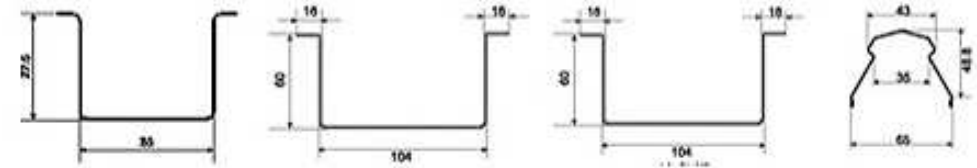
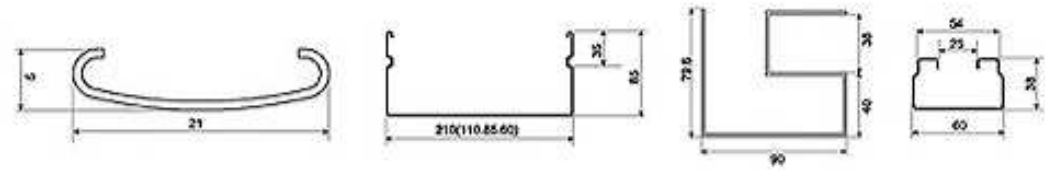
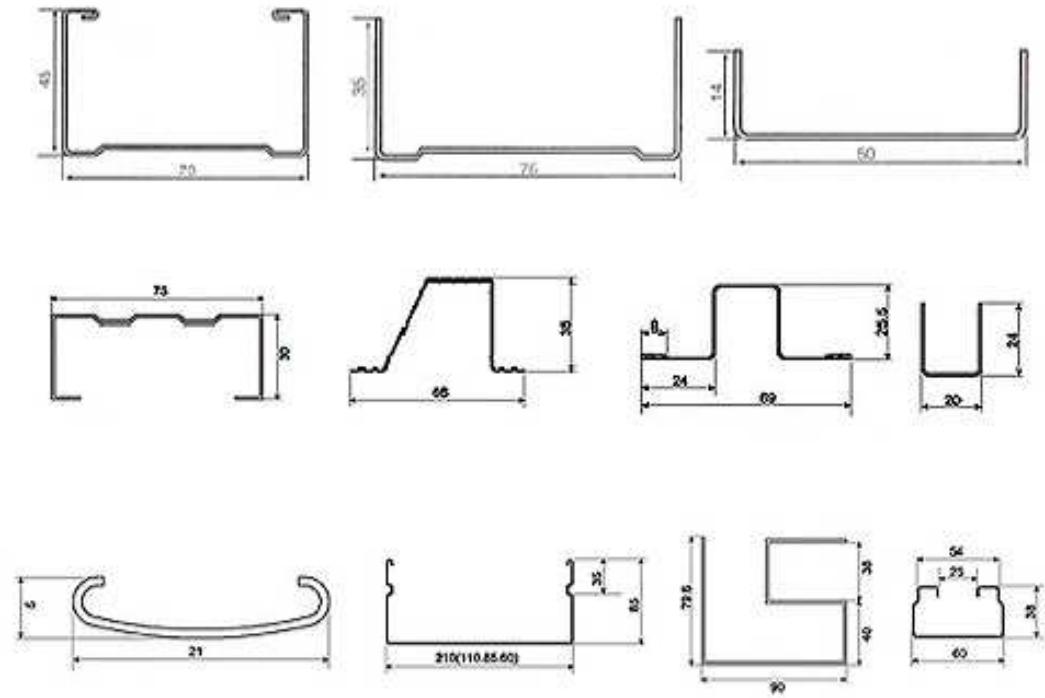


Round downspout, Dia. could be customized



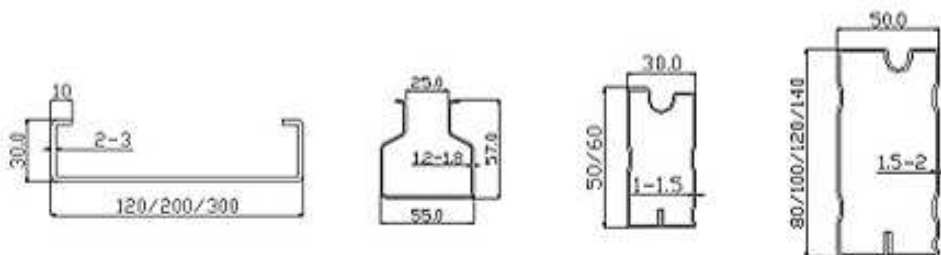
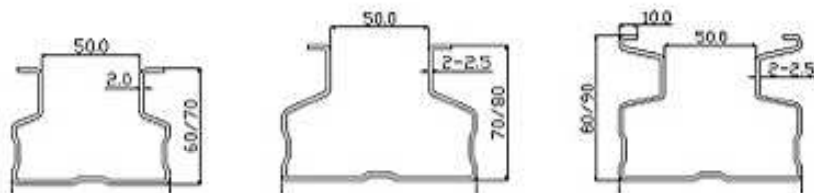
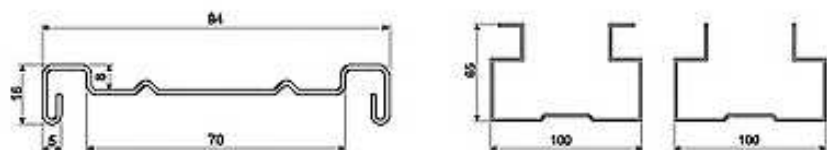
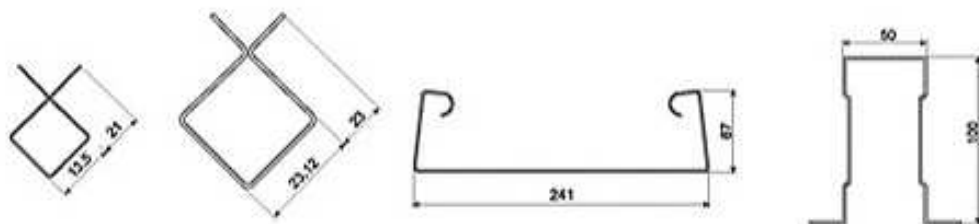
K style gutter

Half round gutter

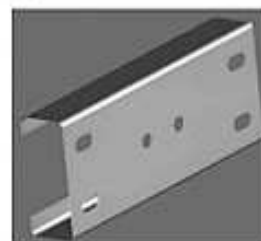
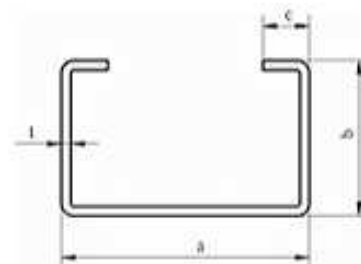




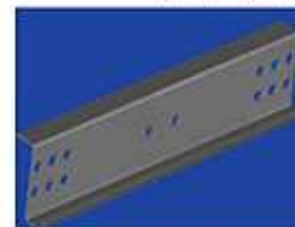
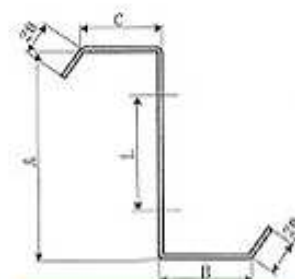
## Shelf Profile »



## Purlin C/Z »



Serial number r	a mm	b mm	c mm	t mm	Coil width mm
1	80	40	15	2-3	170
2	80	50	15	2-3	190
3	100	50	15	2-3	210
4	120	50	20	2-3	240
6	140	60	20	2-3	280
7	150	50	20	2-3	270
10	160	60	20	2-3	300
12	180	70	20	2-3	340
14	200	70	20	2-3	360
15	220	70	20	2-3	380
16	220	80	20	2-3	400
18	240	80	20	2-3	420
20	250	80	20	2-3	430
22	300	80	20	2-3	480



Serial number	a mm	b mm	c mm	t mm	Coil width mm
1	120	54	50	2-3	254
2	140	64	60	2-3	294
3	160	64	60	2-3	314
4	180	64	60	2-3	334
5	200	74	70	2-3	374
6	220	74	70	2-3	394
7	240	74	70	2-3	414
8	250	84	80	2-3	444
9	280	84	80	2-3	474
10	300	84	80	2-3	494

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