

C & Z Putlin forming Machine



C Shaped Purlin Forming Machine

Introduction:

C Purlin Forming Machine can produce many types of C-shaped purlin. The whole line mainly consists of an un-coiler and its base, coil sheet flattening equipment, punching equipment, pre-cutting equipment, C-shape forming system, hydraulic station, and controlling system.

Product Feature And Usage:

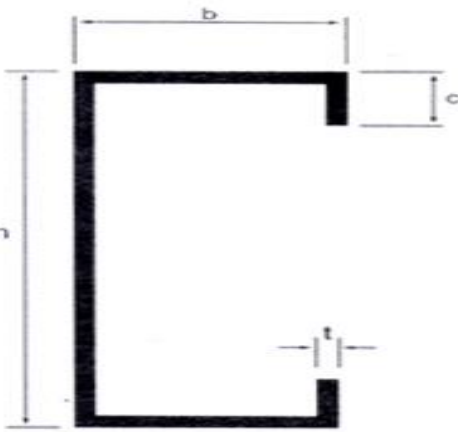
The C-shaped purlins formed by this machine have excellent anti-bending property and are easy to install. They are widely used as the supporter of roof and wall in large-scale and mid-scale construction, such as factory, warehouse, garage, exhibition center, cinema, theatre, garden and so on.

Main Technical Specification:

1. Size: about 23000mm×mm×mm
2. Total weight: about 13,000kg
3. Controlling system: PLC
4. motor power:15kw Leveling motor power: 2.2kw
5. Working speed: 8000-10000mm/min
6. Hydraulic pressure: 18-20Mpa
7. Range: all the type from 100 to 240

Suitable Material For Production:

Cold-rolled steel strip and heat-treated galvanized steel strip
 Size of material: (192-422) mm×(2.0-3.0)mm × L mm.

Usage: shape purlin	Model	Section size			
		h(mm)	b(mm)	c(mm)	t(mm)
	C80	80	40	15	2.0-2.5
	C100	100	40	20	2.0-3.0
	C100	100	50	20	2.0-3.0
	C120	120	50	20	2.0-3.0
	C120	120	60	20	2.0-3.0
	C140	140	50	20	2.0-3.0
	C140	140	60	20	2.0-3.0
	C160	160	60	20	2.0-3.0
	C160	160	70	20	2.0-3.0
	C180	180	60	20	2.0-3.0
	C180	180	70	20	2.0-3.0
	C200	200	60	20	2.0-3.0
	C200	200	70	20	2.0-3.0
	C220	220	70	20	2.0-3.0
	C220	220	80	20	2.0-3.0
	C240	240	70	20	2.0-3.0
	C240	240	80	20	2.0-3.0
	C250	250	80	20	2.0-3.0
	C260	260	80	20	2.0-3.0
	C280	280	100	20	2.0-3.0
	C300	300	100	20	2.0-3.0



C section steel cutting equipment



Forming rollers



Engineering Examples

Shaped Purlin Forming Machine



Introduction:

The Z Shaped Purline Forming Machine is full-automatically controlled by PLC, the whole hydraulic transmission, drive hydraulic oil jar carry out and shear through centre pump station towards the hole, hydraulic pressure Motor transmit power as main transmission, characteristic its reliable for to operate steadily by hydraulic pressure, Shear towards hole precision high, high output, low energy consumption, Section geometry form rule of the notch.

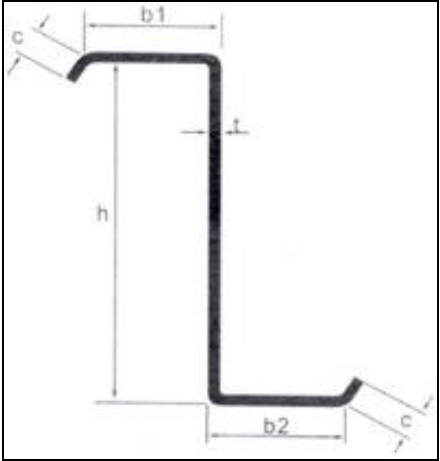
The Z Shaped Purline Forming Machine by this machine have excellent anti-bending property and are easy to install. They are widely used as the supporter of roof and wall in large-scale and mid-scale construction, such as factory, warehouse, garage, exhibition center, cinema, theatre, garden and so on.

Main technical parameter:

1. Main motor power: 25kw Roll stand : about 16
2. Thickness of coils : 1.5-3mm
3. Cutter material: Cr12
4. Control system: PLC

Descriptions:

This kind of machine including the following equipments: Decoiler /uncoiler, Guide equipment, Roll forming system, Punching system, Hydraulic cutting system, Run out table. This kind of machine is full-automatically controlled by PLC, the whole hydraulic transmission ,drive hydraulic oil pump carry out and shear through center pump station towards the hole, hydraulic pressure Motor transmit power as main transmission, characteristic its reliable for to operate steadily by hydraulic pressure. S hear towards hole precision high, high output, low energy consumption, Section geometry form rule of the notch. .

Usage: shape purlin	Model	Section size			
		h(mm)	b1(mm)	b2(mm)	b3(mm)
	C100	100	50	54	2.0-2.5
	C100	100	50	54	2.0-3.0
	C120	120	50	54	2.0-3.0
	C140	140	50	54	2.0-3.0
	C150	150	60	64	2.0-3.0
	C150	150	60	64	2.0-3.0
	C160	160	60	64	2.0-3.0
	C160	160	60	64	2.0-3.0
	C180	180	70	74	2.0-3.0
	C180	180	70	74	2.0-3.0
	C200	200	70	74	2.0-3.0
	C200	200	70	74	2.0-3.0
	C220	220	80	84	2.0-3.0
	C220	220	80	84	2.0-3.0
	C240	240	80	84	2.0-3.0
	C240	240	80	84	2.0-3.0

Z Shaped Purlin Forming Machine



Flat, Feeding



Cutting machine



Machinery Adjustment