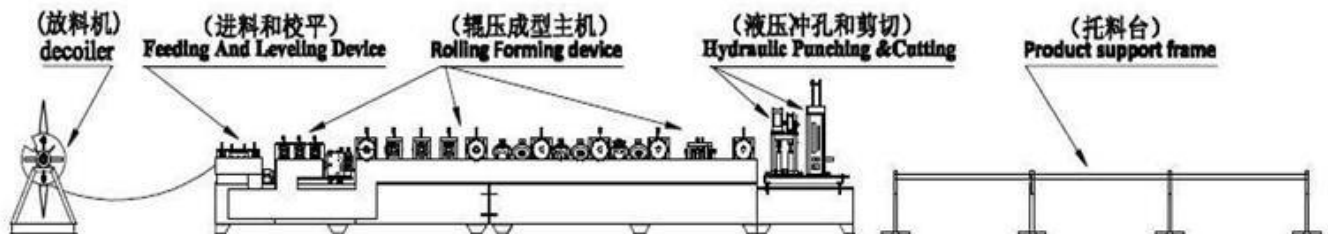


CZ INTER-CHANGEABLE PURLIN MACHINE MODEL: C80/Z120-300



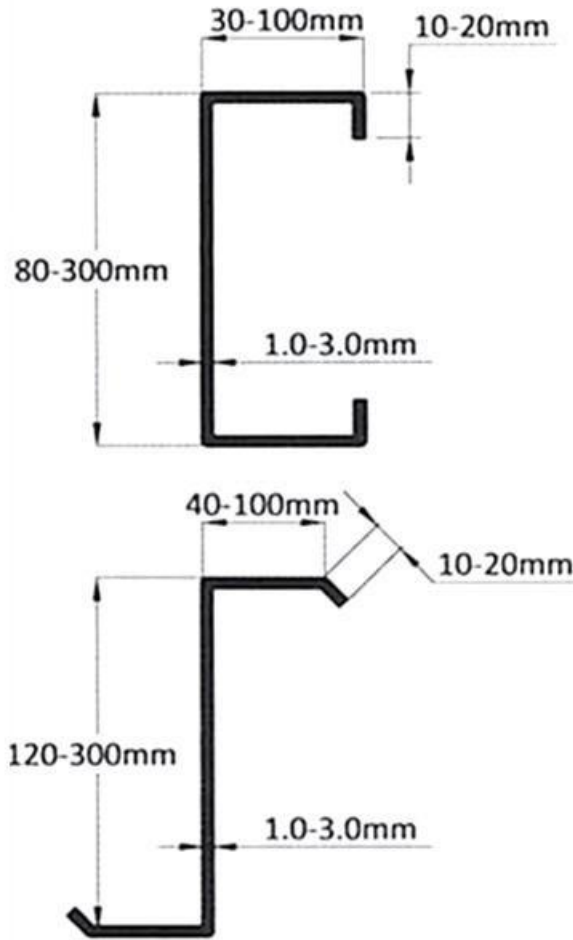
LAYOUT





TSF
MACHINERIES

Technology Solution
Factories Machines TR L.L.C
شركة حلول التقنية
لتجارة معدات المصانع ذ.م.م



Quick C/Z interchanging Only with 3 steps, within 5-15 mins



松开定位销



旋转180度



松开定位销

MAIN PERFORMANCE

1	Line speed	: 12-25m/min
2	Change size needs time	: 3-5minutes
3	Cutting tolerance	: ± 1 mm
4	Yield strength	: ≤ 345 Mpa
5	Max. Capacity of de-coiler	: 5000kg
6	Machine dimension	: Approx 10000mm×1400mm×1800mm
7	Total G.W	: Approx 10000kg
8	Total power	: Approx 25Kw
9	Voltage	: 380V/50Hz

+971 6 543 9350
+971 55 931 3584

www.tsfuae.com
admin@tsfuae.com

Ind 2 / Sharjah - UAE

MAIN TECHNICAL PARAMETER

De-coiler		
	Drive Type	: Manual
	Weight capacity of de-coiler	: 5.0T
	Diameter of inner	: 350-580mm
	Diameter of outer	: 1600mm

FEEDING AND LEVELING DEVICE

□ It used for making the material flat before feeding into the roll forming machine

ROLL FORMING SYSTEM

1	Main motor type	: Hydraulic motor(manufacturer: Ningbo YF)
2	Hydraulic station motor power	: 22KW
3	Speed of forming□	: 12-25m/min
4	Material of roller	: Gcr15(with 0.03mm chrome, HRC58- 60)
5	18 groups of rollers for forming	
6	Material of main shaft	: 40Cr (with 0.03mm chrome, HRC28- 32)
7	Diameter of main shaft	: ø75mm
8	13 groups of C/Z change mode	: Turnover 180 degree easily change
9	14 rollers for directing, straightening and flattening	

HYDARULIC PUNCHING & CUTTING

1	Punching Type	: Hydraulic Punching
2	Punching head material	: Cr12 l
3	Punching die material	: Cr12
4	Cutting type	: Hydraulic cutting (80-250 C/W machine. 250-300 as the spare parts)
5	Cutting blade material	: Cr12MoV

PLC CONTROL SYSTEM

1	Control the quantity & punching length & cutting length automatically	
2	The Machine forming will be stopped while it is punching and cutting	
3	Automatic Length measures and quantity counting (precision +/- 3mm)	
4	Voltage: 380V, 3 Phase 50Hz	
5	PLC manufacturer: Japan Omron	
6	Solenoid valve	Beijing huade
7	Proximity switch	Korea Autonics
8	Relay	Japan Omron
9	Touch Screen	Wuxi Touchwin
10	Encoder	Japan Omron

PRODUCT FRAME SUPPORT

1	The length of product support frame	3m*2pcs
---	-------------------------------------	---------

MAIN COMPONENTS

1	Manual de-coiler 1 set	: 1 Set
2	Main frame	: 1 Set
3	Hydraulic punch and shear shelf	: 1 Set
4	Hydraulic station	: 1 Set
5	PLC control cabinet	: 1 Set
6	Product support frame	: 2 Sets

NOTE:

- Change C to Z, manual with 3 steps, within 5-15 minutes.
- Change C/Z spec/size, automatic + manual with 3 steps, within 3-5 minutes.
- 2 Cutting blades satisfy all C/Z spec/size, normally no need change cutting blades.
- Full hydraulic with cooling system, ensure long-time steady production.

MACHINE ACTUAL PHOTOS





TSF
MACHINERIES

Technology Solution
Factories Machines TR L.L.C
شركة حلول التقنية
لتجارة معدات المصانع ذ.م.م



+971 6 543 9350
+971 55 931 3584

www.tsfuae.com
admin@tsfuae.com

Ind 2 / Sharjah - UAE