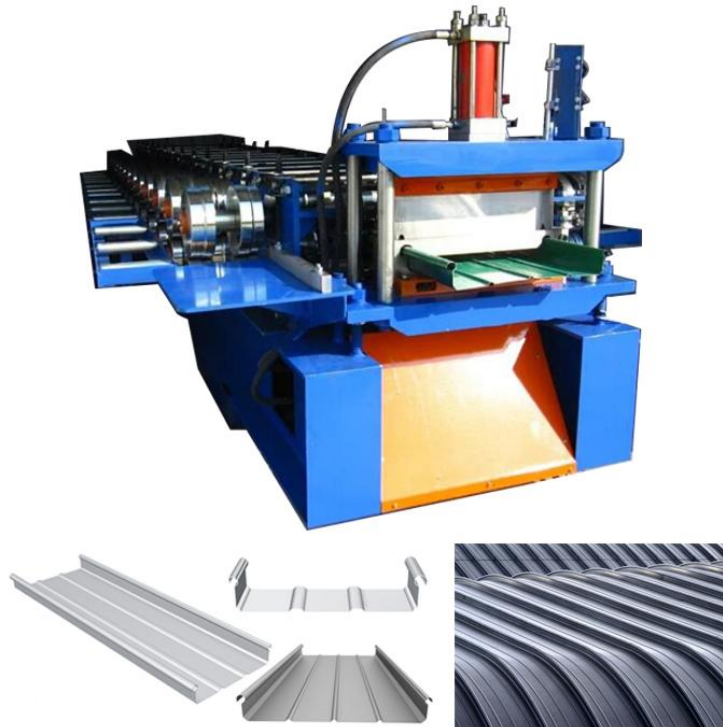


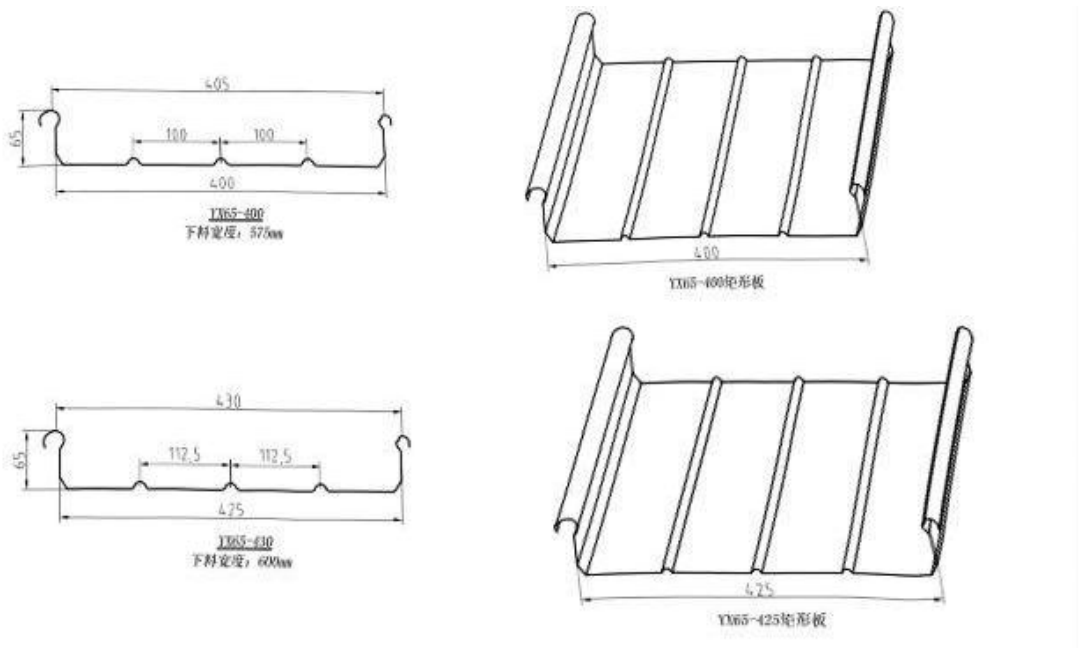


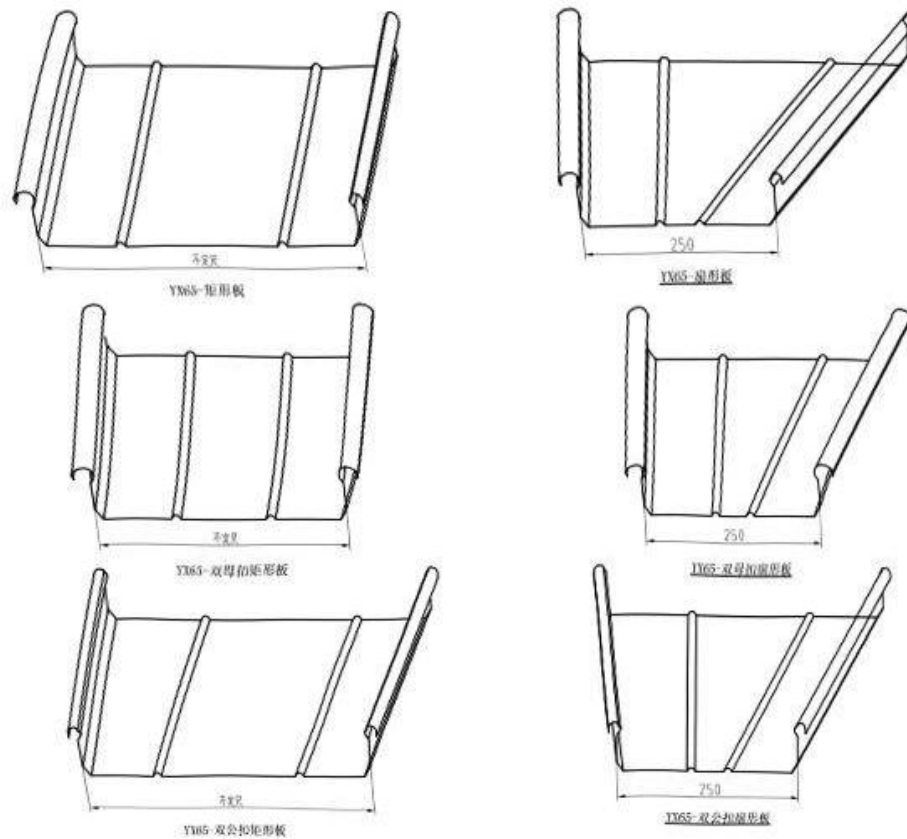
Technical Specification Of 430 Bemo Sheet Roll Forming Machine



一、 Profile drawing:

1. The roll-formed plates are aluminum plates and aluminum-magnesium-manganese plates with a thickness of 0.7mm-1.2mm. The pattern data diagram and 3D diagram are as follows;





Straight Panel: Material width: 600mm Forming width: 430mm;
Material width: 570mm Forming width: 400mm;

2. Rolling specification description:

When the middle part of this machine is roll-formed into straight plates, the feed width is the domestic conventional specification of 600mm/575mm* (0.7mm-1.2mm) thickness, and the finished product is 430mm/400mm;

When rolling the large and small head fan-shaped plates on both sides, according to the actual size specification range of the divided plates, the maximum fan-shaped feed specification of this machine is large head $\leq 730\text{mm}$, and the large head specification after forming is $\leq 600\text{mm}$, and the small head feed is $\geq 430\text{mm}$, and the small head specification after forming is $\geq 250\text{mm}$; (Note: The maximum size of the large and small head fan-shaped is the size limit within the narrow operating range of the container; if it is not in the container, any size of the fan-shaped will not be affected;) The tolerance control standard is $1000\text{mm} \pm 3\text{mm}$;

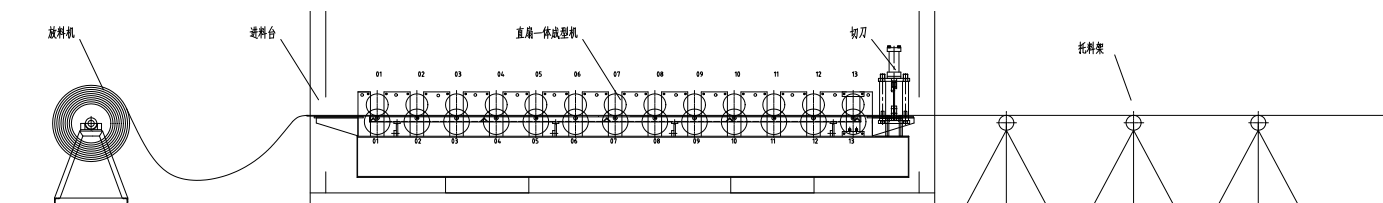
The size standard is shown in the figure above, please perform the roll forming operation according to



the actual situation!

3. Working Flow and Layout:

Decoiler -- feeding material --- roll forming machine --- hydraulic cutting --- run-out table



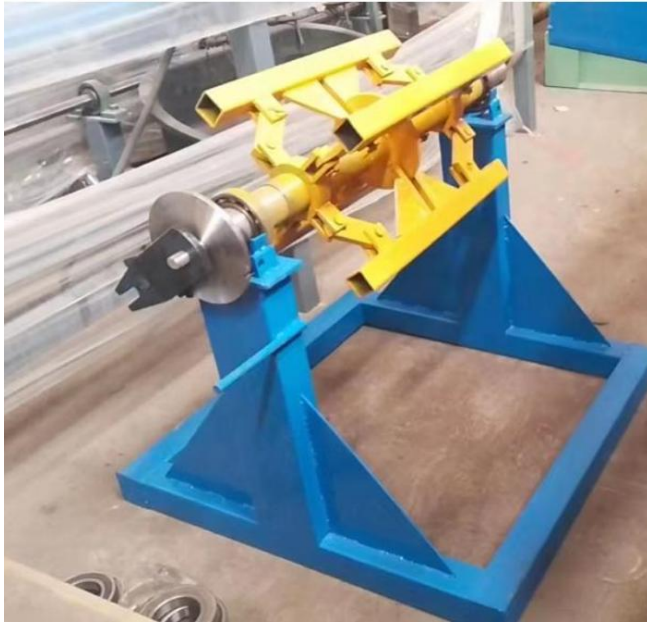
3. Supplying components of complete machine

NO.	Description	Quantity (set)	Remark
1	5T manual decoiler with brake, width 1m	2	1: Straight plate fan forming, cutting device, hydraulic system, 2: PLC electronic control system with automatic length measurement, counting, touch screen operation, 3: 1 set of tools for 400/430; 4: Conventional tools include wrenches, feeler gauges, etc. 5: Consumable parts include chains, bearings, etc. 6: The machine color is a combination of blue and orange 7: Travel switch, thermal protection, relay, and 1 each as spare parts
2	Main Straight Bemo Panel Forming Machine	1	
3	Support steel rack	6	
4	Hydraulic pump station	1	
5	Control box	1	
6	Conventional tools and wearing parts	1	
7	Manual bite seamer	4	
8	Electric seamer	2	
9	Spare parts and tools	1	

4. Technical Specifications:

4.1 5T Manual decoiler:

- 1).Material coil inner diameter: 450mm-550mm
- 2).Max coil width: 1000mm
- 3).Carrying capacity: 5000kg



4.2 Roll Forming Machine:

- 1) Both the straight plate feeding and the fan-shaped feeding and unloading have a support table with a supporting plate to assist the feeding;
- 2) When rolling the fan-shaped, there are auxiliary trapezoidal support rails on both sides;
- 3) The motor transmission system of the whole machine is equipped with a reducer, and the motor power is 7.5KW;
- 4) There are 13 roll forming groups, and there is also a supporting roller forming, the main bearing is 6212; if there is no special instructions, the factory pre-installed 430 specifications;
- 5) The roll forming shaft diameter specification is 70mm, the roller material is 45# steel CNC precision turning, the surface is hard chrome plated, and the wire drawing is polished;
- 6) The thickness of the load-bearing wall panel is 18mm, and the load-bearing tie rod on the wall panel is electroplated;
- 7) The actual object of this part is as shown above;
- 8). **Voltage:380v,50Hz,3 phases or as your required;**



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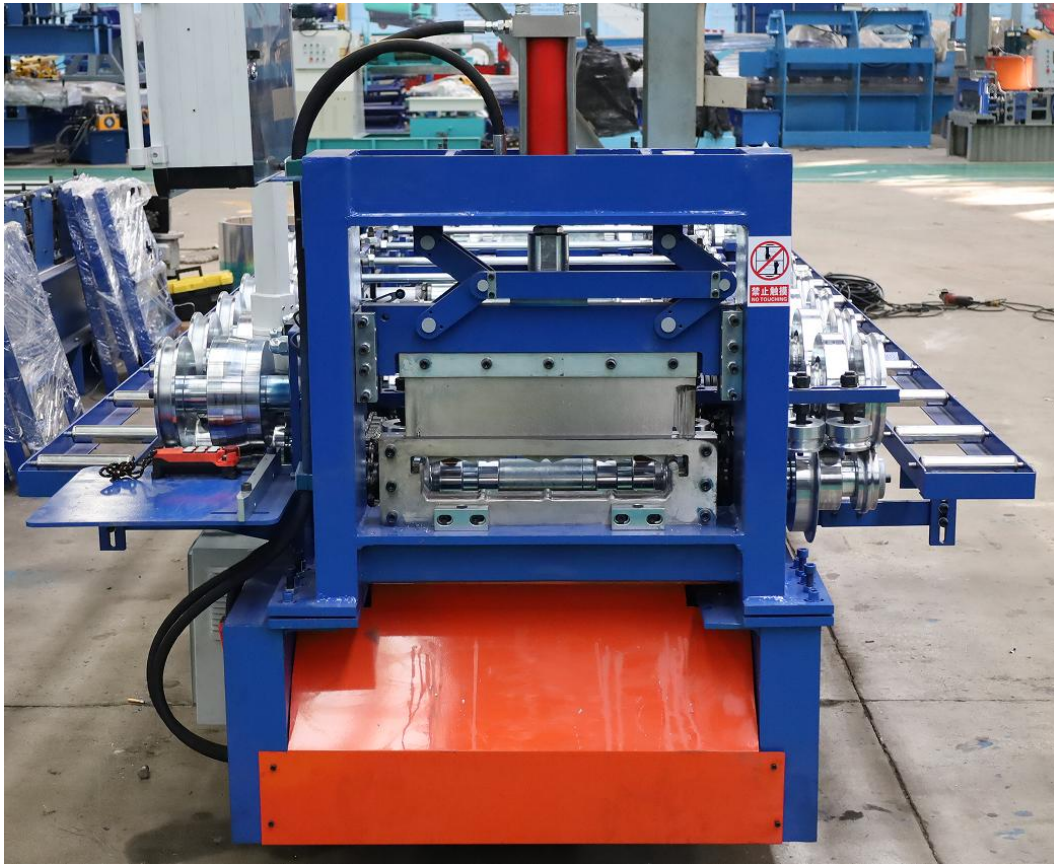


4.3 Shearing / Cutting system: 430/400 two model:

- 1). Hydraulic cutting system
- 2). Advanced Guide Pillar cutter style
- 3). Blade and mold material:Cr12MOV with quenched treatment 60-62°C



4). Cutting system: advanced hydraulic drive, automatic cutting after forming, no distorting and wasting, high level safety factor.



4.4 Electric control system :

- 1). Screen: Touching Screen, Delta
- 2). PLC: DELTA
- 3). Automatic length measurement
- 4). Automatic quantity measurement
- 5). Computer is used to control length and quantity. Machine will automatically cut to length and stop when required quantity is achieved
- 6). Length inaccuracy can be amended easily
- 7). Language: Chinese--English --**Turkish**
- 8). Control panel: Button type switch, LED display length and quantity.
- 9). Motor over-load, system over current, short circuit protection function.
- 10). Display total length and total quantity produced.



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4.5 Run-out support steel rack: total 6 pcs



4.6 360° Double Lock AUTO SEAMER with open seam part (65mm height) -- 2 SETS





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4.7 Finished panel:



5. More Machine picture for reference:





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