



Hengshui So Me Business Co., LTD

Auger Spiral

Different Style of Auger Spiral, Different Processing of Forming Machine

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Sectional Screw Flight

GX800S PL600S

SOMEBIZ

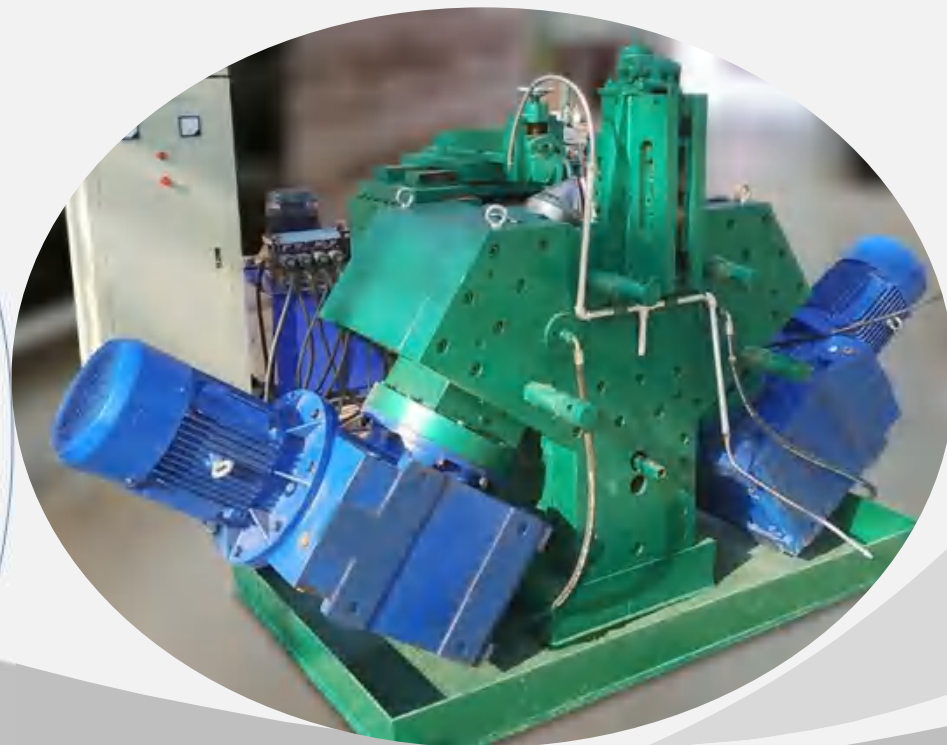
Screw Flight Cold Rolling Machine

01

GX60-4S

GX130-6M

GX150-10L



Continuous Screw Flight Cold Rolling Machine

02

Item No.	GX60-4S	Detail
1	Roller Speed	Max 17.8rpm
2	Main Motor Power	22Kw
3	Machine Power	32.5Kw
4	Motor Speed	1460rpm
5	Strip Max Width	60mm
6	Strip Thickness	2-4mm
7	Min ID	20mm
8	Max OD	500mm
9	Work Efficiency	0.5T/H
10	Strip Material	Mild Steel, Stainless Steel
11	Weight	4 Ton

Item No.	GX130-6M	Detail
1	Roller Speed	Max 17.8rpm
2	Main Motor Power	22Kw
3	Machine Power	32.5Kw
4	Motor Speed	1460rpm
5	Strip Max Width	130mm
6	Strip Thickness	2-6mm
7	Min ID	20mm
8	Max OD	600mm
9	Work Efficiency	2T/H
10	Strip Material	Mild Steel, Stainless Steel
11	Weight	6 Ton

Item No.	GX150-10L	Detail
1	Roller Speed	Max 17.8rpm
2	Main Motor Power	22Kw
3	Machine Power	32.5Kw
4	Motor Speed	1460rpm
5	Strip Max Width	150mm
6	Strip Thickness	2-8mm
7	Min ID	20mm
8	Max OD	800mm
9	Work Efficiency	3T/H
10	Strip Material	Mild Steel, Stainless Steel
11	Weight	7 Ton





04

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OD (mm)	Φ160	Φ160	Φ200	Φ200	Φ250	Φ250	Φ320	Φ320	Φ400	Φ400	Φ500	Φ500
ID (mm)	Φ42	Φ42	Φ48	Φ48	Φ60	Φ60	Φ76	Φ76	Φ108	Φ108	Φ133	Φ133
Pitch (mm)	120	160	160	200	200	250	250	320	320	400	400	500
Thickness (mm)	3.5	3.5	3.5	3.5	3.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0

[illegible]

SOMEBIZ Continuous Screw Flight Winding Machine

05



Model No.	GX305S		GX80-20S	
Power Kw 400V/3Ph/50Hz	5.5KW		7.5KW	
Machine Size L*W*H cm	2*0.6*1.3		3*1.5*2	
Machine Weight Tons	3.5		7.5	
Pitch Range mm	50-120		100-500	
Max OD mm	120		200	500
Thickness mm	2-5		5-8	10-20
Max Width mm	30		50	80

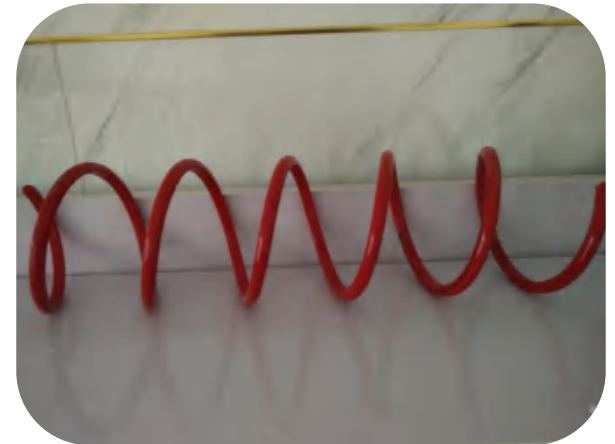
Constant Thickness Screw Flight Winded on Mould

06

- **Products and technologies:**


1. Main technology is continuous mould winding.
2. Same with the cold rolled screw flight, the equal thickness screw flight is also continuous length, high precision molding, the outer edge thickness is equal to the inner edge thickness.
3. In the three technologies, Mould winding technology is with maximum utilization of raw material, Production efficiency is similar with cold rolling technology.





Sectional Screw Flight Hydraulic Pressing Machine "GX800S"

- Hydraulic Pressing by Mould. If pitch changes, need change new mould.



Model No.	GX800S
Power Kw 380V/3Ph/50Hz	5.5
Machine Size L*W*H cm	2900*920*1020
Machine Weight kg	4000
Thickness mm	30mm mild steel and Stainless steel wear-resistant steel
Max OD mm	1800
Min ID mm	25
Pitch Range mm	25-1300
Max Width (OD-ID)/2 mm	800



Sectional Screw Flight 09

Production process: mold cold forming;

Advantages: Produced by cold forming technology, ensure from the physical properties of raw material. effectively guarantee its inner diameter, pitch, helical surface in prime line perpendicular angle;

Large diameter, large thickness, high pitch ; spiral smoothing, perfect spiral opening angle, plain helical surface and in line completely vertical;

Commonly used material: carbon steel, alloy steel, stainless steel, wear-resistant steel;

Usage: suitable for mining, chemical industry, agriculture, environmental protection and construction of pile foundation engineering and other industries.

Product function: segmentation and other thick spiral blade on the screw conveyor, mixers, hammers, drilling machinery and other equipment, material handling and screw driving beneficial, can effectively improve the efficiency of the device.



Single Pitch "Constant Thickness"

Pitch (mm)	Min ID(mm)	Max OD(mm)	Coefficient ID/OD	MIN OD (mm)	Thickness (mm)
60 ~ 100	20	480	0.25	最小外径=所需内径/系数 MIN OD=ID/ coefficient	3 ~ 16
100 ~ 150	30	480	0.25		3 ~ 18
150 ~ 200	50	520	0.33		3 ~ 20
200 ~ 250	60	630	0.3		3 ~ 25
250 ~ 300	65	670	0.25		3 ~ 25
300 ~ 350	90	900	0.3		3 ~ 30
350 ~ 400	90	950	0.25		3 ~ 30
400 ~ 450	95	950	0.25		3 ~ 30
450 ~ 500	135	1150	0.33		3 ~ 35
500 ~ 550	150	1200	0.3		3 ~ 40
550 ~ 650	150	1200	0.3		3 ~ 40
650 ~ 750	200	1200	0.3		3 ~ 40
750 ~ 850	200	1250	0.28		3 ~ 40
850 ~ 900	250	1250	0.3		3 ~ 40

Segment

- Spiral blade thickness 20mm ~ 25mm, width no more than 400mm.
- Spiral blade thickness 25mm ~ 30mm, width no more than 350mm.

Technical

Characteristics:

- For large diameter, large thickness, special specifications and wear-resistant materials, stainless steel.
- The outer thickness and inner thickness are almost same. After forming the inner diameter, outer diameter and pitch can accurately achieve the customer required size.
- Equal diameter and pitch, adjustable and variable pitch, and hole circumference and diameter circumference with various forms of convex or gap requirements
- Forming good accuracy, high qualification rate of finished products, small batch, can satisfy the personalized supply requirements, particularly suitable for big size, big thickness and wear resistant steel, stainless steel material of the spiral blade production.

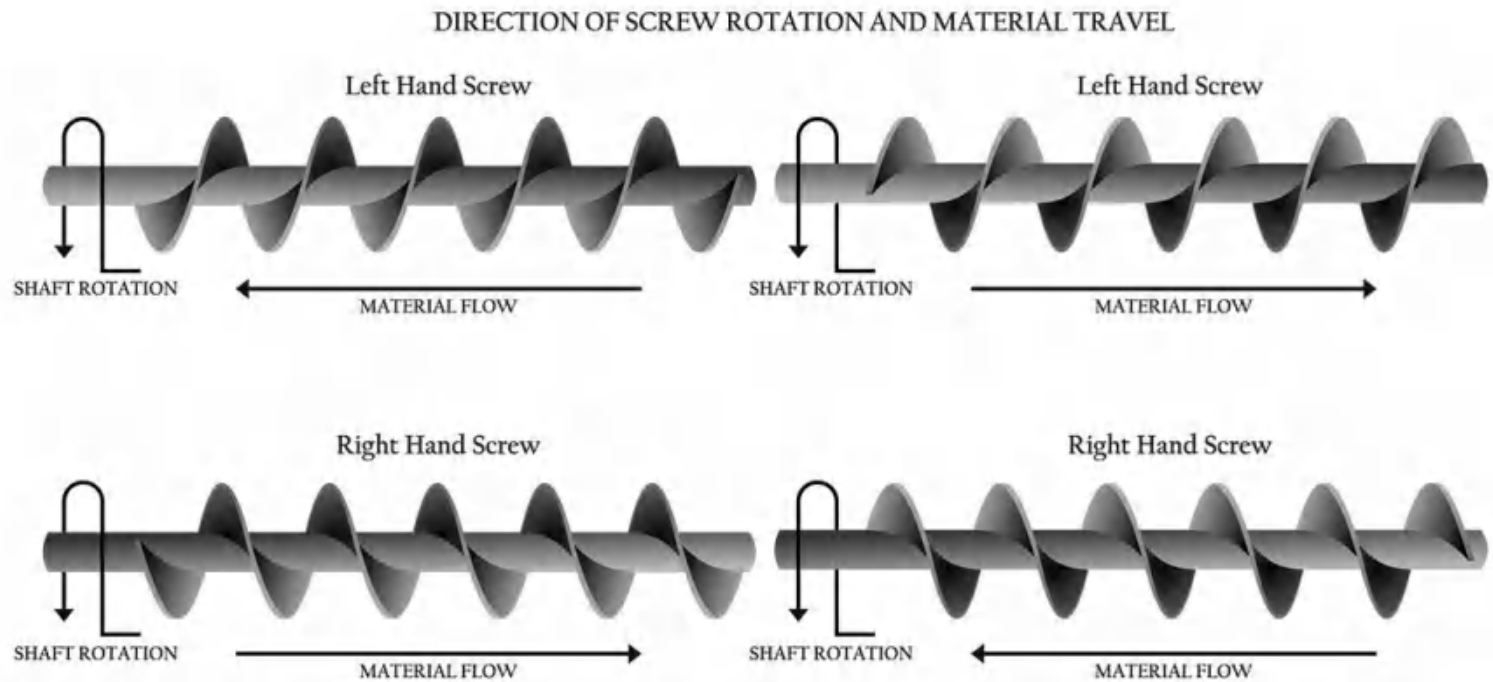


Segment Auger Flight

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Direction of Screw Rotation and Material Travel



How to recognize its rotation? It is easy even little confusing.

Tips

Please stand in front of a flight, the open angle is opposite to you. If its left side is higher than the right side then it is left hand rotation; If its right side is higher than the left side, then it is right hand rotation. Isn't it easy?



Why choose us:

- Strict Quality control from raw materials purchasing, manufacturing, inspection.
- The high standard of welding team, achieve recognition of the clients of both china and abroad.
- Ensure product quality, meet even exceed customer expectations.
- The different specifications, different materials, various types of screw flight, successfully used in various mechanical fields to meet the needs of different equipment.
- The professional and warm after sale service.



THANK YOU

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