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WIN-WIN COOPERATION AND QUALITY FIRST
FOCUS ON CREATION AND SERVICE

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Shandong Feihong Engineering Machinery Co.,Ltd.

Tel: 0537-2238358
Mob: 0086-18053720666
Web: www.feihongmachinery.net
Address: Feihong Intelligent Technology Innovation Park, Wenshang County, Jining City, Shandong Province.

Qingdao Dongfeihong Intelligent Technology Co.,Ltd.

Tel: 0532-68972891
Mob: 0086-18053720666
Web: www.feihongmachinery.net
Address: International Trade Building, Changjiang Road, Huangdao District, Qingdao City, Shandong Province.

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WIRE MESH MACHINE





Shandong Feihong Engineering Machinery Co.,Ltd.

Statement

For the continuous updating of the product, our company reserves the rights of changing the designing, specification and the material of the product, which will not be notified separately, and all should be subject to the real product.

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COMPANY INTRODUCTION

FEIHONG

About Us

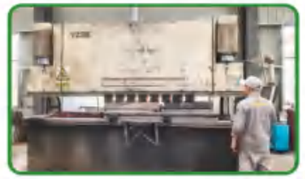
Shandong Feihong Engineering Machinery Co., Ltd. focuses on the research and development, production, sales and export of Reinforcement Processing Solution.

Feihong has a professional technology research and development center, formed by technical personnel who have studied the intelligent robot industry and the field of precision machinery for many years, focusing on the research and development of intelligent solutions for machines. Feihong has many independent intellectual property rights such as utility model patents and technical invention patents. It has been certified as a “high-tech enterprise”, “small and medium-sized science and technology enterprise”, and “specialized and special new enterprise”. We have passed ISO9001 quality management system certification, EU CE product quality certification, German Rheinland certification, Swiss SGS certification and other internationally renowned certifications.










QUALIFICATIONS AND PATENTS



















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We Sincerely Welcome Customers From All Over the World to Inspect Our Factory



Exhibition



Shipped Worldwide Trusted Globally























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Mesh Machine Series

Reinforcing Mesh Welding Line









Model	FHM-2000PT	FHM-2500PT	FHM-3000PT
Mesh width	2000mm	2500mm	3000mm
Mesh length	6m-12m	6m-12m	6m-12m
Welding electrodes	20pcs	25pcs	30pcs
Line wire space	100-300mm	100-300mm	100-300mm
Cross wire space	50-300mm	50-300mm	50-300mm
Wire diameter	6-12mm	6-12mm	6-12mm
Line wire feeding	Pre-cut	Pre-cut	Pre-cut
Cross wire feeding	Pre-cut	Pre-cut	Pre-cut
Welding frequency	65-95times/min	65-95times/min	65-95times/min

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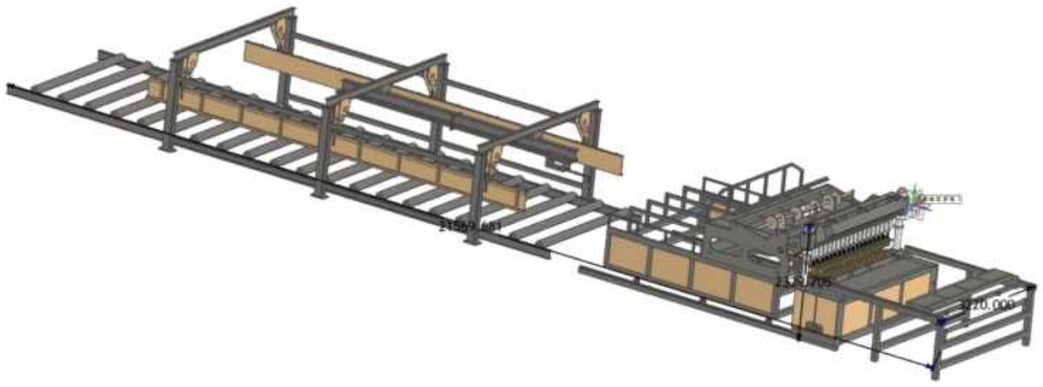
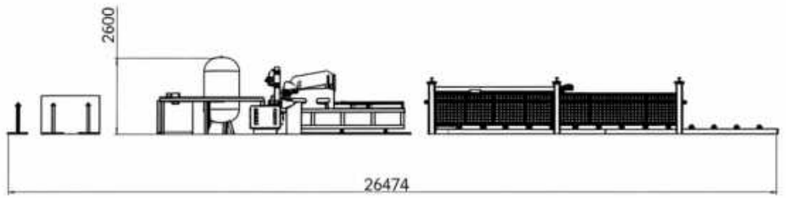
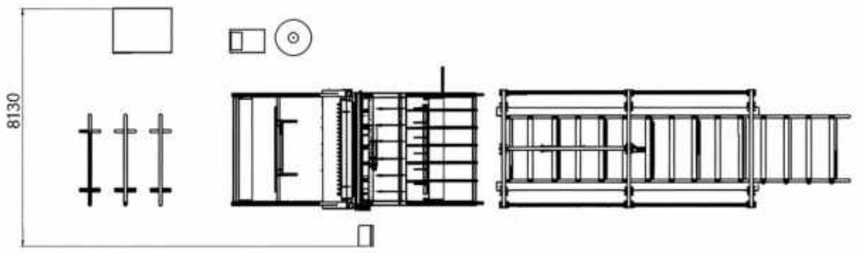
Reinforcing Mesh Welding Line







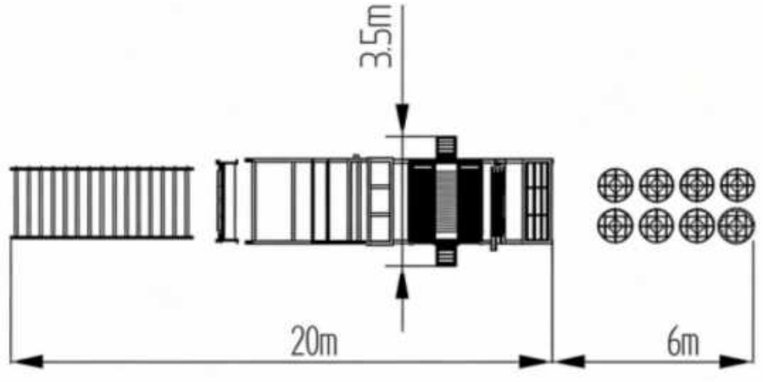
Model	FHM-2000PF	FHM-2500PF	FHM-3000PF
Mesh width	2000mm	2500mm	3000mm
Mesh length	6m-12m	6m-12m	6m-12m
Welding electrodes	20pcs	25pcs	30pcs
Line wire space	100-300mm	100-300mm	100-300mm
Cross wire space	50-300mm	50-300mm	50-300mm
Wire diameter	6-12mm	6-12mm	6-12mm
Line wire feeding	Pre-cut	Pre-cut	Pre-cut
Cross wire feeding	Pre-cut	Pre-cut	Pre-cut
Welding frequency	65-95times/min	65-95times/min	65-95times/min

Automatic Wire Mesh Welding Machine









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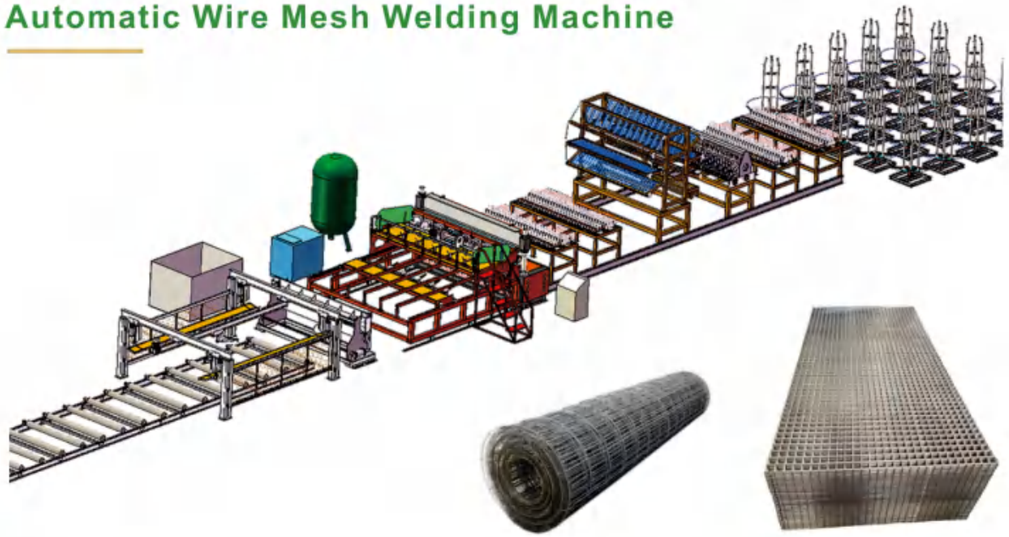
Model	FHM-2000PD	FHM-2500PD	FHM-3000PD
Mesh width	2000mm	2500mm	3000mm
Mesh length	3m-6m	3m-6m	3m-6m
Welding electrodes	41pcs	51pcs	61pcs
Line wire space	50-300mm	50-300mm	50-300mm
Cross wire space	50-300mm	50-300mm	50-300mm
Line wire space mesh roll	100-300mm	100-300mm	100-300mm
Wire diameter	3-6mm	3-6mm	3-6mm
Line wire feeding	coil	coil	coil
Cross wire feeding	Pre-cut	Pre-cut	Pre-cut
Welding frequency	65-95times/min	65-95times/min	65-95times/min

Automatic Wire Mesh Welding Machine



Model	FHM-2000PA	FHM-2500PA	FHM-3000PA
Mesh width	2000mm	2500mm	3000mm
Mesh length	3m-6m	3m-6m	3m-6m
Welding electrodes	21pcs	51pcs	31pcs
Line wire space	100-300	3-6mm (50-300) 6-8mm(100-300)	100-300
Cross wire space	50-300mm	50-300mm	50-300mm
Line wire space mesh roll	100-300mm	100-300mm	100-300mm
Wire diameter	3-8mm	3-8mm	3-8mm
Line wire feeding	coil	coil	coil
Cross wire feeding	Pre-cut	Pre-cut	Pre-cut
Welding frequency	60-90times/min	60-90times/min	60-90times/min

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Welding Head Auto Moving Type Mesh Welding Machine













Model	FHM-2000PM
Mesh width	2000mm
Mesh length	6000mm
Welding electrodes	10pcs(auto moving by servo motor control)
Line wire space	≥100mm(mesh width 1000mm)
Cross wire space	50-200mm
Wire diameter	4-10mm
Line wire feeding	Pre-cut
Cross wire feeding	Pre-cut
Welding speed	40-60times/min

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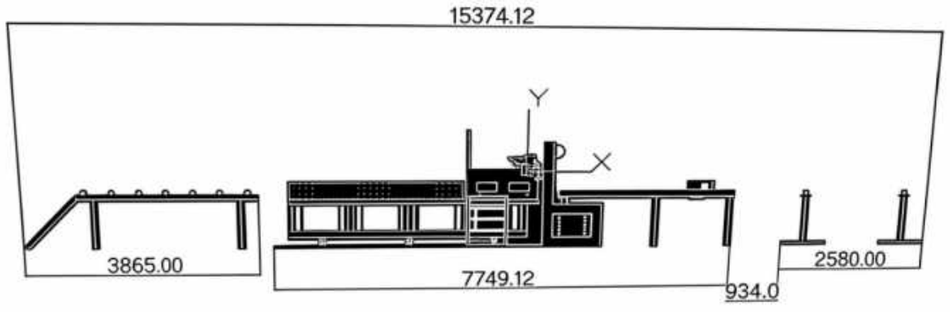
Wire Mesh Welding Machine





Model	FHM-2000PR	FHM-2500PR	FHM-3000PR
Mesh width	2000mm	2500mm	3000mm
Mesh length	3m-6m	3m-6m	3m-6m
Welding electrodes	21pcs	51pcs	31pcs
Line wire space	100-300	3-6mm (50-300) 6-8mm(100-300)	100-300
Cross wire space	50-300mm	50-300mm	50-300mm
Wire diameter	3-8mm	3-8mm	3-8mm
Line wire feeding	Pre-cut	Pre-cut	Pre-cut
Cross wire feeding	Pre-cut	Pre-cut	Pre-cut
Welding frequency	60-90times/min	60-90times/min	60-90times/min

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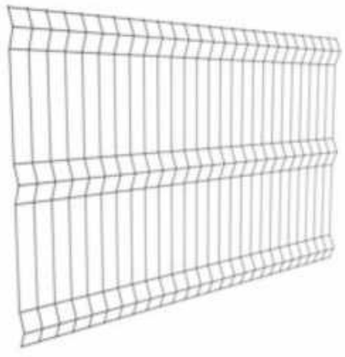
Automatic Security Fence Welding Machine

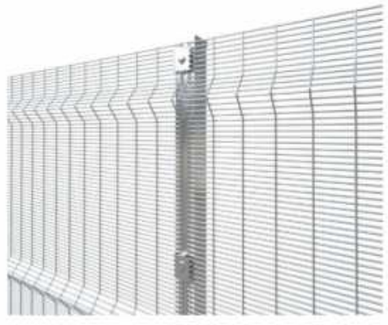


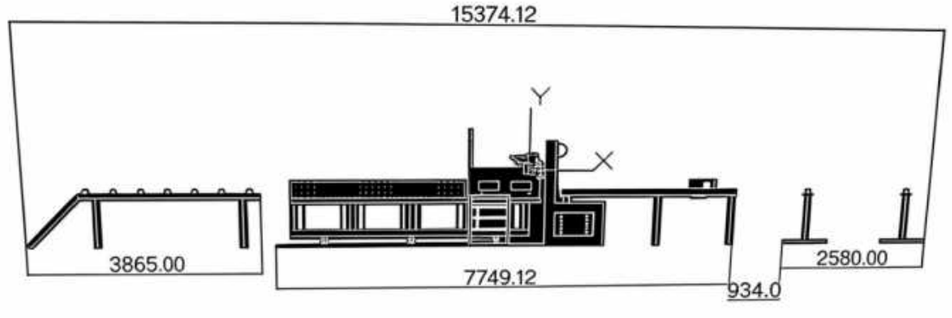
Model	FHM-2000PB	FHM-2500PB
Mesh width	2000mm	2500mm
Mesh length	3m	3m
Welding electrodes	41pcs	51pcs
Line wire space	50-300mm	50-300mm
Cross wire space	50-300mm	50-300mm
Wire diameter	3-6mm	3-6mm
Line wire feeding	Pre-cut	Pre-cut
Cross wire feeding	Pre-cut	Pre-cut
Welding frequency	60-90times/min	60-90times/min

Security Fence Welding Machine









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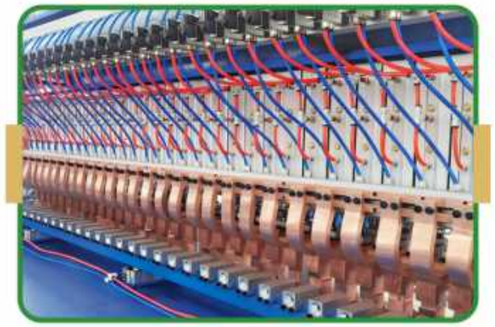


Model	FHM-2000P	FHM-2500P	FHM-3000P
Mesh width	2000mm	2500mm	3000mm
Mesh length	3m-6m	3m-6m	3m-6m
Welding electrodes	41pcs	51pcs	61pcs
Line wire space	50-300mm	50-300mm	50-300mm
Cross wire space	12.7-300mm	12.7-300mm	12.7-300mm
Wire diameter	3-6mm	3-6mm	3-6mm
Line wire feeding	Pre-cut	Pre-cut	Pre-cut
Cross wire feeding	Pre-cut	Pre-cut	Pre-cut
Welding frequency	60-90times/min	60-90times/min	60-90times/min

Chicken Cage Welding Machine





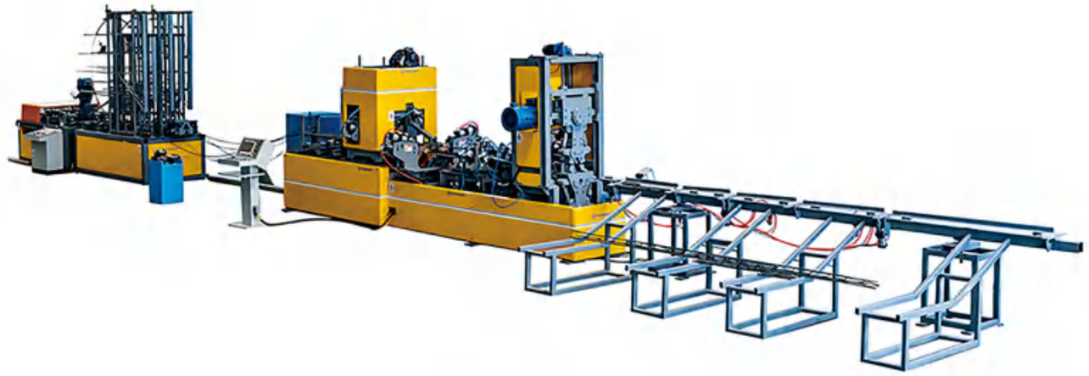






Model	FHM-1200SC	FHM-1500SC	FHM-2000SC
Mesh width	1200mm	1600mm	2000mm
Welding electrodes	30pcs	40pcs	50pcs
Line wire space	40-200mm	40-200mm	40-200mm
Cross wire space	12.5-200mm	12.5-200mm	12.5-200mm
Wire diameter	2-4mm	2-4mm	2-4mm
Line wire feeding	coil	coil	coil
Cross wire feeding	coil	coil	coil
Welding frequency	40-80times/min	40-80times/min	40-80times/min

Automatic Lattice Girder Welding Machine







Model	FHLG350D	FHLG350A	FHLG-200 (plane truss)
Girder Height	70-300mm	70-350mm	
Girder width	60-100mm	70-110mm	40-200mm
Upper thread	6-12mm	5-12mm	3-6mm
Lower thread	6-12mm	5-12mm	3-6mm
Bending side stirrup diameter	4-7mm	4-7mm	3-6mm
Max.working speed	5-12m/min	10-15m/min	8-12m/min
Step spacing	190-210mm Adjustable		150-200mm Adjustable
Girder length	14m	14m	14m

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Auxiliary Machines for Mesh Welding Machine



■ **1.Air Compressor Unit**
Function:Provide stable, high-pressure compressed air for the wire mesh welding machine.



■ **2.Chiller**
Function: Cooling the welding transformer and welding electrodes ensures continuous, stable, and high-quality welded mesh production.

■ **3.Steel Wire Straightening and Cutting Machine**
Coiled steel wire is automatically straightened and cut to supply raw material for the mesh welding machine.



■ **4.Mesh Bending Machine**













■ **Mesh Cutting Machine**

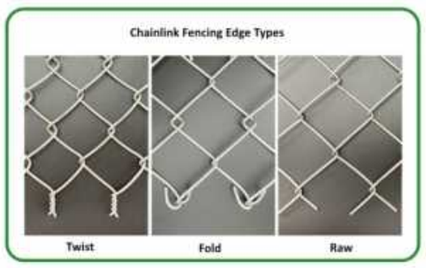




Chain Link Fence Making Machine (Diamond Mesh Machine)







Model	FHCK-25-100	FHCK-20-100
Wire diameter	1.8-4mm	1.5-4.5mm
Mesh space	25-100mm	20-100mm
Mesh width	2-4m	2-4m
Mesh length	30m	30m
Capacity	120-180㎡/hour	120-180㎡/hour
Raw material	Galvanized wire, iron wire, PVC coated wire	

Barbed Wire Making Machine





Reverse Twisted



Traditional Twisted



Single Twisted



PVC surface Twisted

Model	CS-A	CS-B	CS-C
Main wire diameter	1.4-3mm	1.4-3mm	1.4-2.8mm
Barbed wire diameter	1.4-2.8mm	1.4-2.8mm	1.4-2.8mm
Barbed wire space	3”4”5”6”	4”5”	3”4”5”6” or5” 5”6”
Production	70-150kg/h, 25m/min	50-100kg/h, 18m/min	80-150kg/h,18m/min

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Razor Barbed Wire Making Machine







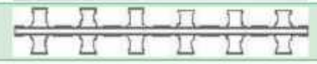
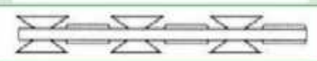
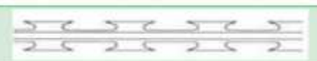










Reference Number	Blade Style	Thickness	Wire Dia	Barb Length	Barb Width	Barb spacing
BTO-10		0.5±0.05	2.5±0.1	10±1	13±1	26±1
BTO-12		0.5±0.05	2.5±0.1	12±1	15±1	26±1
BTO-18		0.5±0.05	2.5±0.1	18±1	15±1	33±1
BTO-22		0.5±0.05	2.5±0.1	22±1	15±1	34±1
BTO-28		0.5±0.05	2.5	28	15	45±1
BTO-30		0.5±0.05	2.5	30	18	45±1
CBT-60		0.6±0.05	2.5±0.1	60±2	32±1	100±2
CBT-65		0.6±0.05	2.5±0.1	65±2	21±1	100±2

Expanded Mesh Machine









Model	FHQ25-6.3T	FHQ25-16T	FHQ25-25T	FHQ25-35T
Thickness	0.1-1.5mm	0.2-1.5mm	0.3-1.5mm	0.2-2mm
Mesh width Max.	650mm	1000mm	1250mm	1250mm
LWD Max.	20mm	25mm	30mm	20mm
Feeding distance	0-5mm	0-5mm	0-5mm	0-5mm
Punch speed	320times/min	280times/min	260times/min	450times/min
L*W*H	500*1350*1550mm	1000*1700*1800mm	1100*2070*2080mm	1200*2370*1800mm
Weight	1.2T	2.5T	3T	6T



Model	FHQ25-50T	FHQ25-100T		FHQ25-160T			FHQ25-260T	
Thickness	0.2-1.5mm	0-5mm	0.5-4mm	0.5-6mm			0.5-10mm	
Mesh width Max.	1600mm	2000mm	2500mm	2000mm	2500mm	3200mm	2000mm	2500mm
LWD Max.	80mm	240mm		240mm			200mm	
Feeding distance	0-10mm	0-30mm		0-30mm			0-40mm	
Punch speed	110times/min	65times/min	60times/min	60times/min	55times/min	50times/min	45times/min	
L*W*H	1830*3100 *2030mm	3300*3700 *2500mm	3300*4200 *2500mm	3950*3850 *2650mm	3950*4350 *2650mm	3950*5050 *2650mm	3700*4900*2700mm	

Auxiliary Machines

Leveling Machine



Uncoiling Machine



Wire Machine Series

High Speed Wire Straightening and Cutting Machine



■Pay-off stand

Model	FHT4-12	FHT6-12H	FHT8-14	FHT10-16	FHT6-16
Wire diameter	4-12mm	6-12mm	8-14mm	10-16mm	6-16mm
Max. speed	130m/min	130m/min	130m/min	130m/min	130m/min
Cutting tolerance	±1mm	±1mm	±1mm	±1mm	±1mm
Motor power	37+7.5kw	37+7.5kw	45+7.5kw	45+7.5kw	55+7.5kw

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Model	FHT2-5	FHT3-6	FHT3-8
Wire diameter	2-5mm	3-6mm	3-8mm
Max. speed	120m/min	120m/min	120m/min
Cutting tolerance	±1mm	±1mm	±1mm
Motor power	3+4kw	4+7.5kw	4+15kw



Model	FHT2-4HB
Wire diameter	2-4mm
Max. Speed	120m/min
Cutting tolerance	±1mm
Motor power	8.6kw

Small Size Mechanical Wire Straightening and Cutting Machine



Model	FHT2.5-5C	FHT3-6C
Wire diameter	2.5-5mm	3-6mm
Max. speed	30m/min	30m/min
Cutting tolerance	±1mm	±1mm
Motor power	2.95kw	2.95kw

Precision Straightening and Cutting Machine

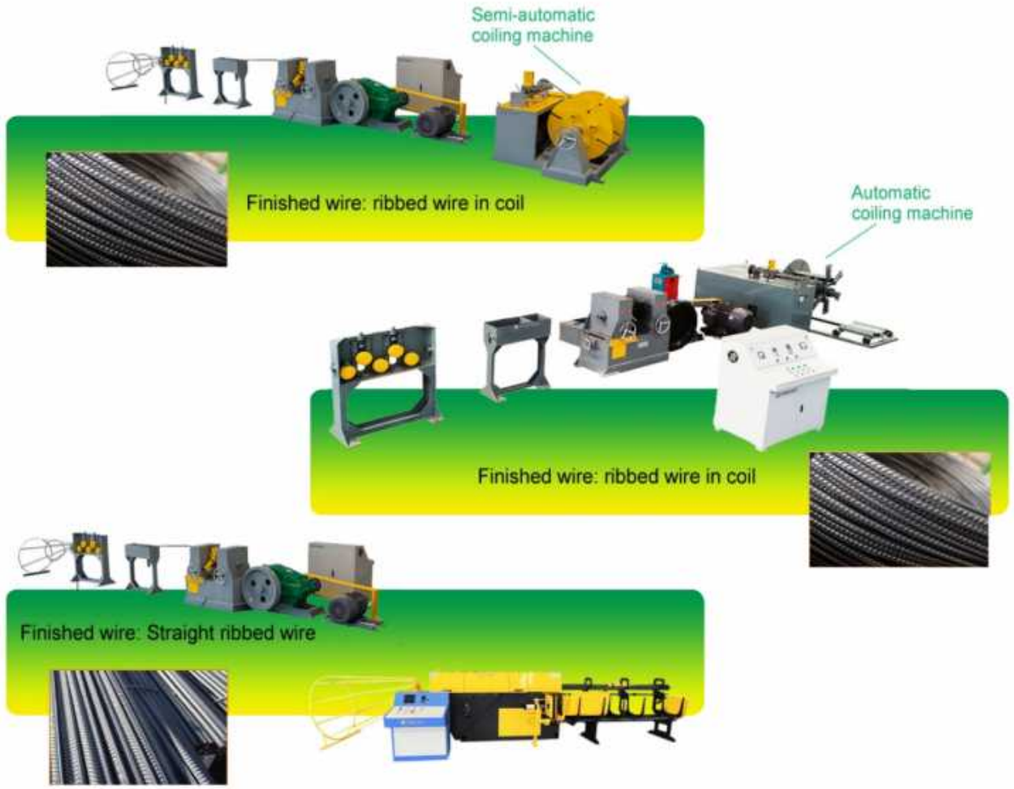






Reference Number	FHT1.2-2.5	FHT2.5-6	FHT2-4	FHT4-6	FHT5-9	FHT6-12
Control type	Mechanical	Mechanical	Servo motor	Servo motor	Servo motor	Servo motor
Wire diameter	Carbon steel 1.2-2.5mm	Carbon steel 2.5-6mm	Carbon steel 2-4mm	Carbon steel 4-6mm	Carbon steel 5-9mm	Carbon steel 6-12mm
	SS steel	SS steel2.5-5mm	SS steel2-4mm	SS steel4-6mm	SS steel4-7mm	SS steel5-10mm
Cut length diameter	80-1000mm	100-2000mm	80-5000mm	80-5000mm	50-5000mm	50-3000mm
Length tolerance	0.3mm	0.3mm	0.3mm	0.3mm	0.3mm	0.3mm
Cut speed	15-20m/min	15-20m/min	10-80m/min	10-80m/min	10-50m/min	10-50m/min
Motor	1.5kw	2.25kw	8.6kw	11.8kw	9.3kw	11.8kw

Cold Rolling Ribbed Bar Machine



Model	FHCL-120	FHCL2-200
Input wire diameter	6-12mm	5.5-14mm
Output wire diameter	5-11mm	5-13mm
Speed	120m/min	200m/min
Reducer type	ZQ650	ZQ650
Control method	Frequency conversion	
Wire receiving type	I-shaped wheel	Auto hydraulic receiving machine

Dry Wire Drawing Machine





Model	LZ-560
Drum number	12Pcs
Drum diameter	550mm
Max.Input wire diameter	6.5-8mm
Min. output wire diameter	1.8mm
Power per group	22kw-37kw
Max. Outlet speed	15m/s

High Speed Nail Making Machine



Model	FH-ZD-90	FH-ZD-130
Length	25-90mm	50-150mm
Max. Speed	750pcs/min ＜60mm	550pcs/min ＜100mm
Diameter	1.6-3.5mm	2.5-5mm
Main motor power	5.5kw	7.5kw
Pay off frame motor power	2.2kw	2.2kw