



Ferrous Metal Wet Wire Drawing Machines
Annealing Machines and Respoiler



Low Carbon Wire Drawing | Stainless Steel Wire Drawing | GI Wire Drawing | High Carbon Wire Drawing | Spring Steel Wire Drawing Machines

Stainless Steel

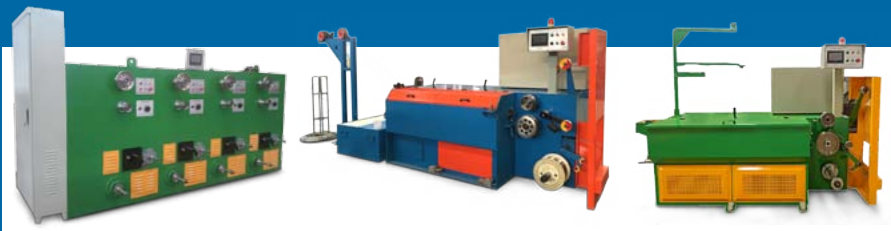
GI Wire

Scourer wire

High Carbon Wire

Spring Hard Wire

Super Fine Stainless Steel



Progress Ahead ... Together

www.WireDrawingMachines.in



Wire Drawing Machine for Spring Wire

Models : CL-200, 250, 300, 400

Technical Parameters

Application	CL-200	CL-250	CL-300	CL-400
Wire inlet dia	Ø0.6mm ~Ø0.8mm	Ø1mm ~Ø1.5mm	Ø1.5mm ~Ø1.8mm	Ø2.2mm ~Ø2.4mm
Wire outlet dia	Ø0.2mm ~Ø0.3mm	Ø0.35mm~0.45mm	Ø0.5mm ~Ø0.6mm	Ø0.8mm ~Ø1.4mm
Max No. of Dies	17	17	15	15
Horizontal tour	Horizontal tour-step pulley type			
Control system	PLC Frequency conversion control			
Mechanical reduction	15%	15%	15%	15%
Capstan slip ratio	15%	15%	15%	15%
Max line speed	200m/min	150m/min	120m/min	100m/min
Annealed Treated Welded Steel Plates	Annealed treatment of weld steel plate			
Horizontal tandem step pulley type	Vacuum annealing treatment of die steel			
Max. dia. of step pulley	Ø170mm	Ø170mm	Ø230mm	Ø230mm
Dia. of tak-up reel (Taiwan)	Ø200mm	Ø250mm	Ø300mm	Ø400mm
Take-up capacity	About 15kg	About 20kg	About 25kg	About 40kg
Main engine power	5.5Kw	7.5Kw	7.5Kw	11Kw
Transmission method of main engine	Synchronous Wheel, Synchronous Belt, Flat belt			
Dies, Step pulleys by full immersion	Modules, step pulley by full Immersion			
Shaft sealing method	Mechanical Seal (Automatically compensation)			
Braking method	Free braking			
Linear adjustment	Universal adjustment of finished mould			
Available power	380V 50Hz/ 75Hz	380V 50Hz/ 75Hz	380V 50Hz/ 75Hz	380V 50Hz/ 75Hz
Outline dimension (mm)	L2350 x W1100 x 1800		L2470 x W1200 x 1800	
Weight (kg)	1450kg	1500kg	2300kg	2400kg

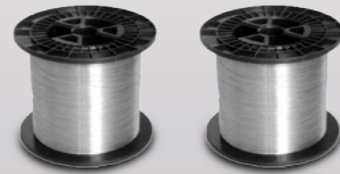
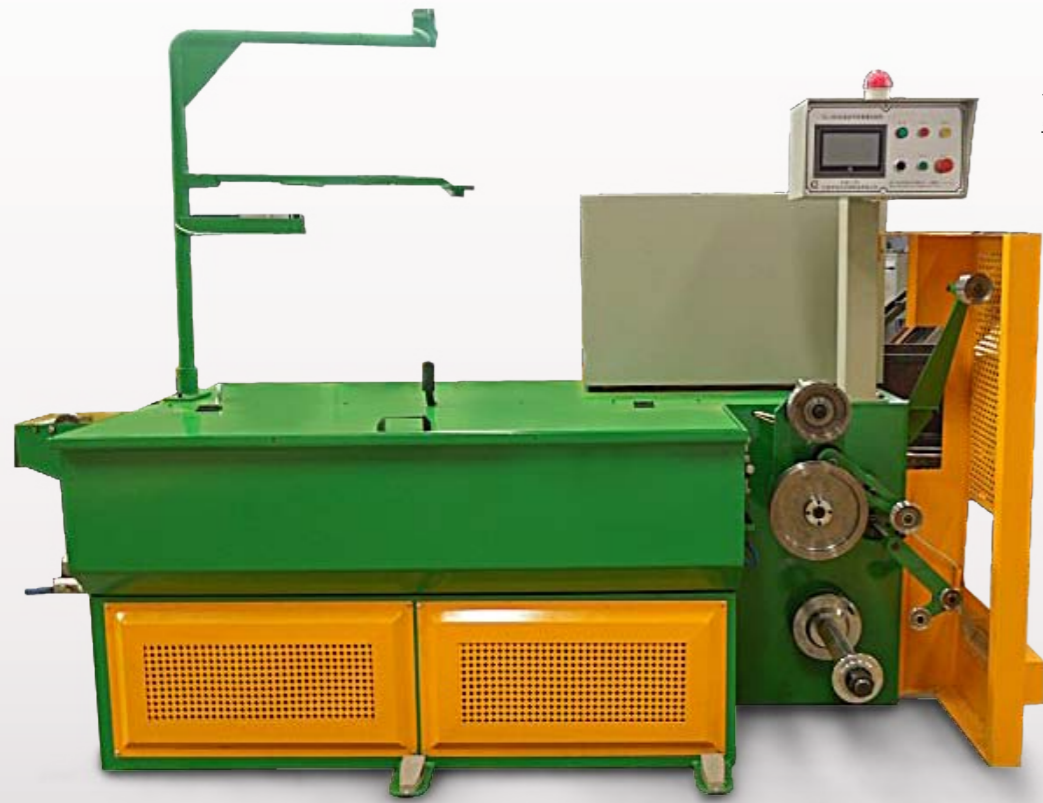


Wire Drawing Machine for Scourer Wire

Models : CL-20D Double Head & 20D Single Head

Technical Parameters

Application	CL-20D Double Head	CL-20D Single Head
Number of Dies	20	20
Max inlet wire dia	0.8	0.8
Min outlet wire dia	0.12	0.12
Drawing speed	800m/min	800m/min
Power	4KWx2	4KW
Transmission type	Synchronous belt driving, Ac frequency conversion speed control	
Cone pulleys	Imported Die steel vacuum heat treated	
Cooling system	The drawing capstan is cooled by full immersion method	
Tension system	Precision potentiometer automatic adjustment	
Winding device	Ball screw wire rod winding device, stepper motor or servo motor drive	
Control type	"AC frequency conversion+PLC program controller+Man machine interface+constant tension", whole digital logic control	
Drawing material	S.S wire, steel wire for rope, steel cord wire, galvanized steel wire, silicon pellet cutting wire and so on	
The motor power is decided by the tensile strength of the drawing material.		



Wire Drawing Machine for Super fine Stainless Steel

Models : CL-15D, CL-17D & CL-22D

Technical Parameters

Application	CL-15D	CL-17D	CL-22D
Number of Dies	15	17	22
Max inlet wire dia	2.5	0.6	1.2
Min outlet wire dia	0.55	0.1	0.15
Drawing speed	180m/min	600m/min	600m/min
Power	11KW	4KW	7.5KW
Transmission type	Synchronous belt driving, Ac frequency conversion speed control		
Cone pulley	Imported mould steel vacuum annealing treatment		
Cooling system	The drawing capstan is cooled by full immersion method		
Tension system	Precision potentiometer automatic adjustment		
Winding device	Ball screw wire rod winding device, stepper motor or servo motor drive		
Control type	"AC frequency conversion+PLC program controller+Man machine interface+constant tension", whole digital logic control		
Drawing material	S.S wire, steel wire for rope, steel cord wire, galvanized steel wire, silicon pellet cutting wire and so on		

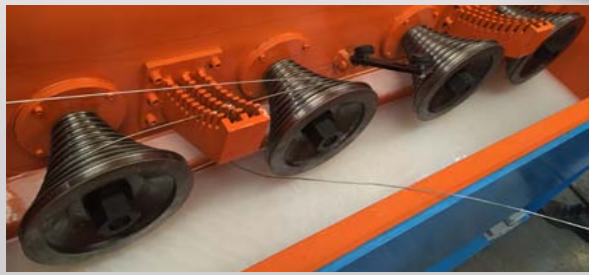
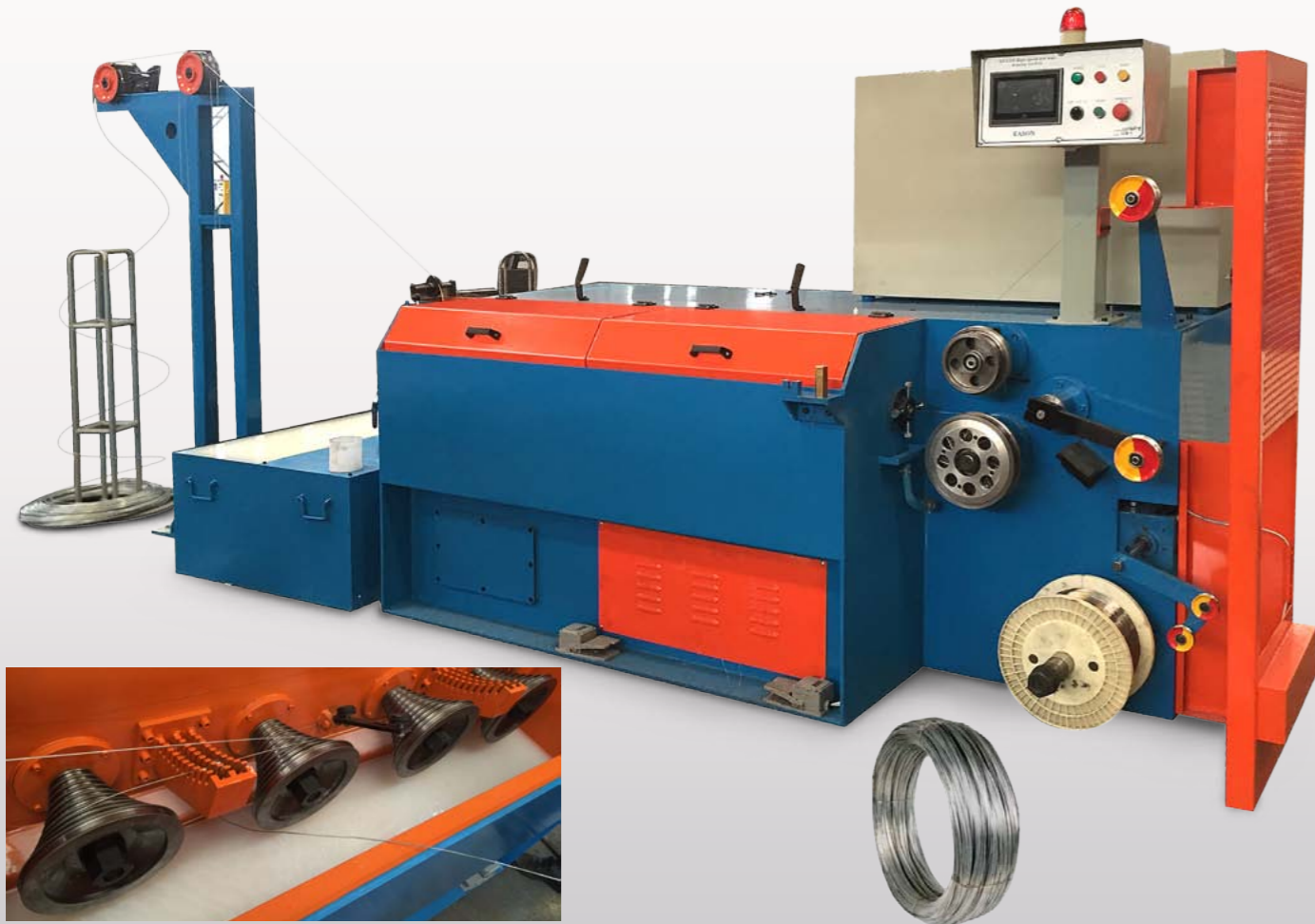
The motor power is decided by the tensile strength of the drawing material.

Wire Drawing Machine for Stainless Steel

Models : CL-11D, CL-13D & CL-14D

Technical Parameters

Application	CL-11D	CL-13D	CL-14D
Number of Dies	11	13	14
Max inlet wire dia	2.0	2.3	1.2
Min outlet wire dia	0.7	0.7	0.3
Drawing speed	400m/min	180m/min	500m/min
Power	15KW	15KW	7.5KW
Transmission type	Synchronous belt driving, Ac frequency conversion speed control		
Cone pulley technical condition	Imported mould steel vacuum annealing treatment		
Cooling system	The drawing capstan is cooled by full immersion method		
Tension system	Precision potentiometer automatic adjustment		
Winding device	Ball screw wire rod winding device, stepper motor or servo motor drive		
Control type	"AC frequency conversion+PLC program controller+Man machine interface+constant tension", whole digital logic control		
Drawing Material	S.S wire, steel wire for rope, steel cord wire, galvanized steel wire, silicon pellet cutting wire and so on		



Wire Drawing Machine for Zinc Coating GI Wire

Model : CL-21D

Technical Parameters

Application	CL-21D
Number of Dies	21
Max inlet wire dia	2.3
Min outlet wire dia	0.4
Drawing speed	1200m/min
Power	22KW
Transmission type	Synchronous belt driving, Ac frequency conversion speed control
Cone pulley technical condition	The surface is treated with tungsten
Cooling system	The drawing capstan is cooled by full immersion method
Tension system	Tension cylinder can be adjusted
Winding device	Ball screw wire rod winding device, stepper motor or servo motor drive
Control type	"AC frequency conversion+PLC program controller+Man machine interface+constant tension", whole digital logic control
Drawing material	S.S wire, steel wire for rope, steel cord wire, galvanized steel wire, silicon pellet cutting wire and so on

The motor power is decided by the tensile strength of the drawing material.



8 Heads rewinding machine with single head single control

Wire Respooler

Technical Parameters

Category	Technical Parameters
Body structure	Annealed treat of weld steel plate
Rewinding speed (Max)	300/min
Control system	PLC Dual inverter control
Pay-off type	Take the initiative to pay-off
Pay-off power	0.55Kw
Pay-off spool	Ø250mm
Pay-off power transmission method	Flat belt
Pay-off braking method	5kg electromagnetic brake
Upper shaft type of pay-off	nuf tightening
Cone structure	Protective cover with automatic centering type
Take-up power	2.0 N.M.
Take-up spool	Ø150mm
Take-up transmission method	Torque motor
Take-up brake type	2.5Kg electromagnetic braket
Upper shaft type pay-off	Nuf tightening
Traverse method	The photoelectric adjustable cable
Traverse structure	Stepper motor precision ball screw drive
Correction system	Voltabe regulator control winding
Tension control	Automatical adjustment torque motor
Available power	380V 50Hz/ 75Hz
Meters measurement method	Precision measuring instument detection
Outline dimension (LxWxH)	3400 x 1500 x 1500
Machine weight (kg)	1600

Accessories



Take-up Machine of Annealing Furnace



Tube type Annealing Furnace



Four Roller Casters Machine with Cooling Water Tank - Annealing Furnace



Corporate Office

39, First Floor, Pearl Omaxe Tower,
Netaji Subhash Place, New Delhi 110034, India

Mob.: +91-7838006222, 7838006888, 9310076645, 9811025271

E-Mail : info@ParoviMachines.com, ParoviSystems@gmail.com

Website : www.WireDrawingMachines.in