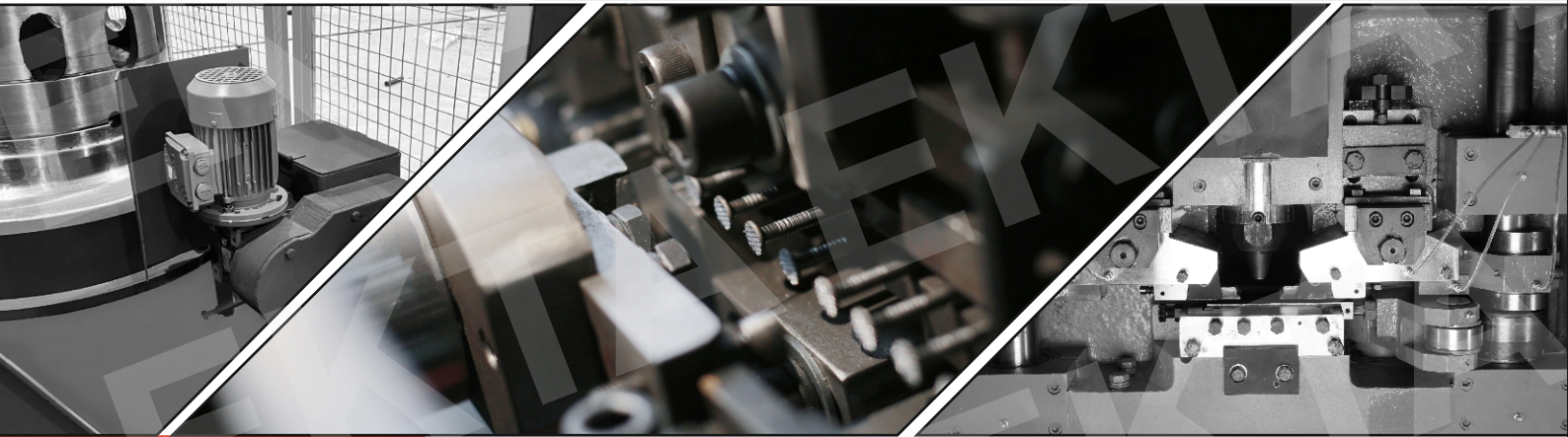


*DETAILS MAKE DIFFERENCE*



MANUFACTURE OF



**WIRE NAIL MAKING MACHINE**  
**COIL NAIL MAKING MACHINE**  
**WIRE DRAWING MACHINE**

With extensive experience in the nail industry since 1994, we established EKTA Industries in 2007 to manufacture advanced machines that overcome the challenges of traditional nail-making equipment. Today, our machines are trusted and operate efficiently across the globe.

We specialize in producing and exporting high-quality wire nail machines, wire drawing machines, and key spare parts such as carbide nail cutters, pin punches, and dies.

Our focus on continuous innovation ensures superior performance and reliability, positioning the Ekta brand as a leader in the nail-making machine industry.

Since 2016, we have pioneered the introduction of cutting-edge technology in India with the launch of: HS Series High-Speed Nail Machine HD Series Nail Machine Coil Nail Machine Nail Thread Roll Machine Driven by excellence, EKTA Industries continues to innovate, delivering reliable solutions for the global market



**Welcome to  
Ekta Industries**  
20 years of journey



### CUSTOMER NETWORK.....

With the good quality, good price and good after sales service, we have established good relationship with our clients with more than 25+ countries such as America, Turkey, Nepal, Bangladesh, Ghana, Kenya, Sri Lanka, South Africa, Tanzania etc.



### OUR VISION....

To deliver effective and innovative solutions with consistency. To provide excellent quality with competitive price within time schedule. To achieve total customer satisfaction through constant after sales services.



### OUR MISSION...

We are dedicated to achieving total customer satisfaction by, Effectively implementing R&D to enhance our quality system. Delivering products on time that meet agreed specifications at competitive prices. Striving for excellence in every task, right from the start. Continuously upgrading technology and engaging all employees and partners in productivity improvement. We look forward to building strong, mutually beneficial cooperation with you.



# PRODUCT

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**Assembling Department**



**Machining Department**



**VMC Department**



**CNC Department**



**Certificates & Achievements**

Receiving The World Signature Award  
From Indian Film Actor Mr. Govinda.

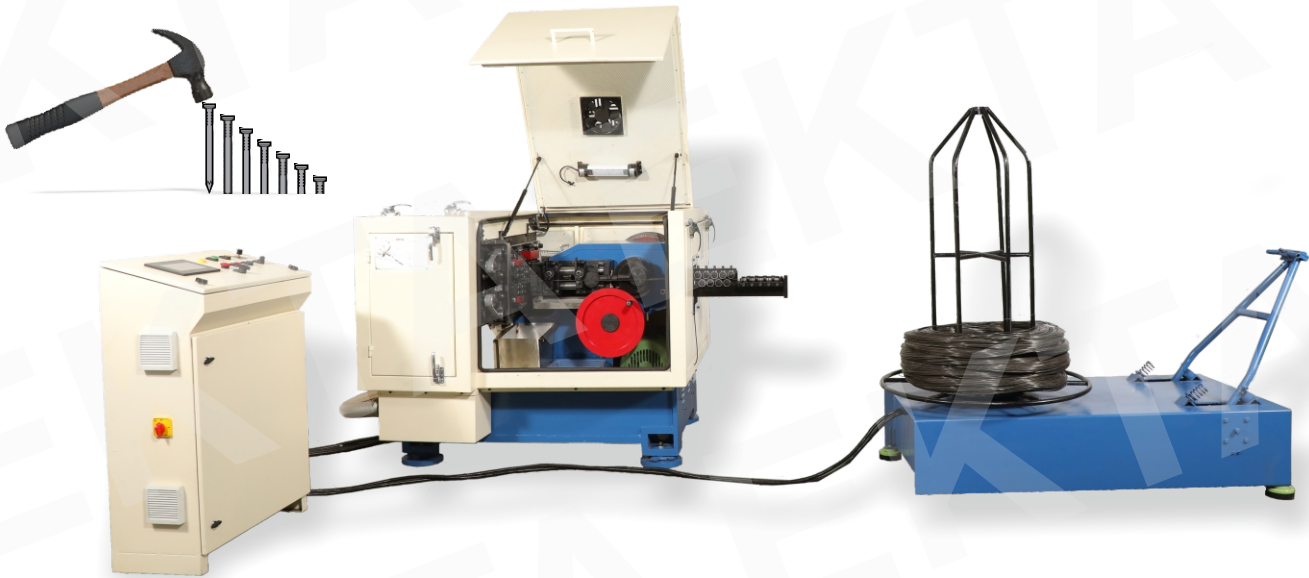


Receiving The Global Quality Award From  
Indian Film Actor Mr. Arbaz Khan.



## New Technology of this Automatic High Speed Nail Making Machine

EKTA introduced high-speed nail-making machine technology in India to meet market demands. Our HS series machines are equipped with advanced, automated electromechanical systems for optimal performance.

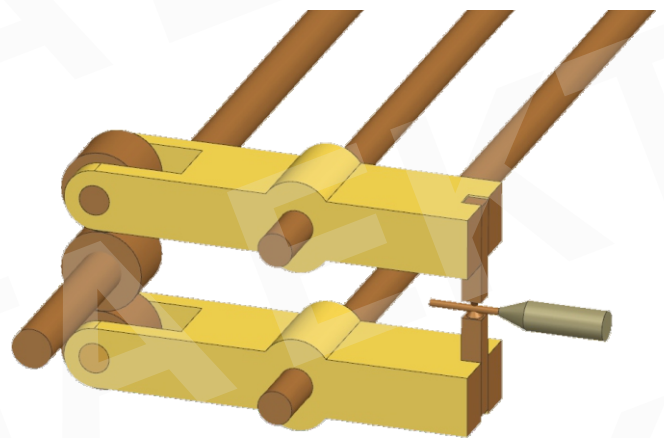


## Independent Research and Development

- A new generation technology of automatic high speed nail making machine

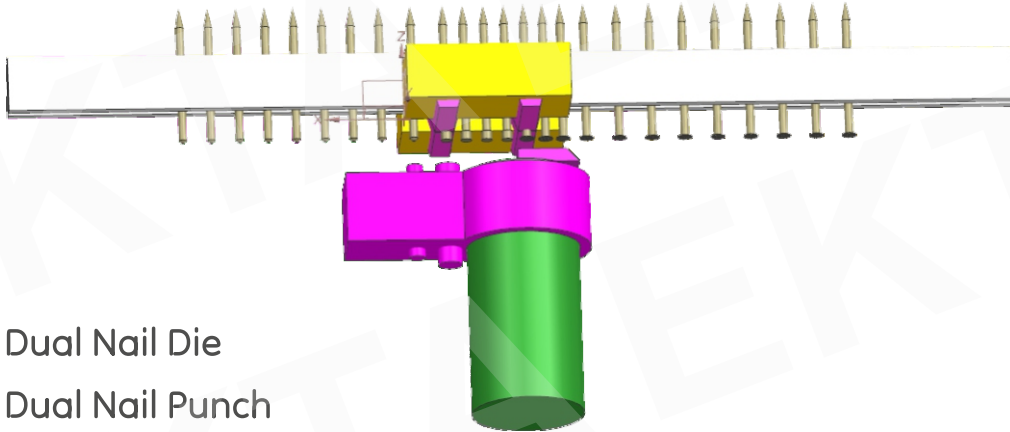
### Nail Cutter Holder Adopts Oscillating bar Structure

1. Short Stroke, High efficiency, Low Mechanical Abrasion.
2. High Precision. While high speed and precise cutting, the nail cutters won't touch. in this way, the nail cutter are well protected and will have much longer lifetime.
3. More than 20 millions nail cutting time, and very easy to adjust and maintain.



**Utility Model**

- Double Nail Mold, Double Punch Design



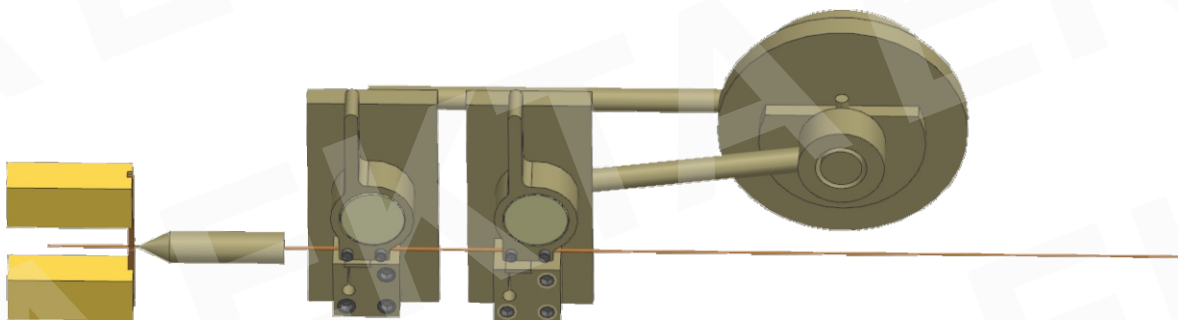
Dual Nail Die

Dual Nail Punch

1. Nail shank won't be crooked, and nail head is always well-shaped
2. Nail head can be much bigger than normal
3. No attrited nail head
4. Nail heat thickness is absolutely uniform
5. Hollowed-out nail die design, which effectively eradicate small nail head problem, no scraps and dust clogging, no cracking. No longer need to frequently dismantle the nail die.

**Utility Model**

- Double Nail Feeder



Wire Feeding and Wire Retreating Structure

1. With high Precision Feeding Equipment, we can control the nail length error within 0.3mm.
2. Unique design of wire feeding and wire Retreating Combination. After wise Feeding, Cutting and wire retreating, thoroughly separate the nail shank from cutting scraps, it will greatly ensure the nail good quality.

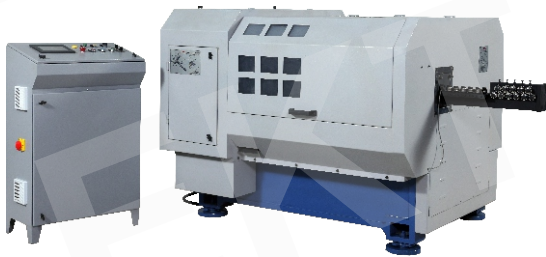
**Model : HS-90**



Production per 8 Hours with 85% Efficiency

Length (in MM)	Thick SWG	Thick MM	Production in Kg. Per 8 Hour	Nails Per Minute
75	10	3.25	1350	650
63	10	3.25	1150	650
50	10	3.25	930	650
50	12	2.64	650	700
45	14	2	425	760

**Model : HS-130**



Production per 8 Hours with 85% Efficiency

Length (in MM)	Thick SWG	Thick MM	Production in Kg. Per 8 Hour	Nails Per Minute
125	6	4.9	2300	300
100	6	4.9	1900	300
75	8	4.0	1300	400
63	8	4.0	1100	400
50	8	4.0	900	400

**Advantages:**

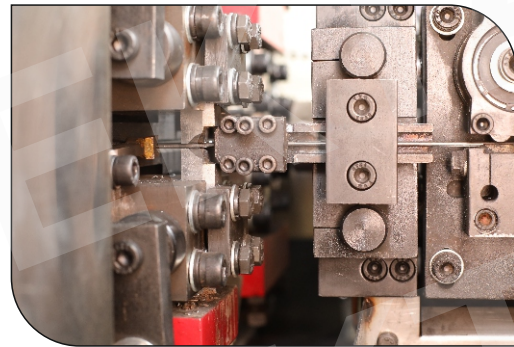
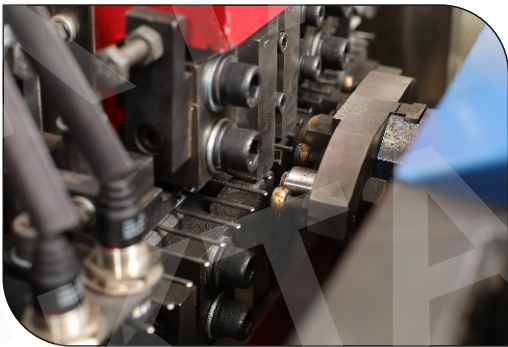
Consistent High-speed Production Of High-quality Nails With Precise Nail Heads, Achieved Through A Powerful Double Nail Mold.uses Common, Low-cost Spare Parts, Resulting In Minimal Maintenance Costs.features A Sound-deadening Cover For Quiet Operation And Enhanced Safety, Along With An Automatic Alarm System With 7 Sensors.includes An Accessory Unit With A Powerful Pay-off.

**Quality And Durability:**

Delivers Consistently Accurate Quality; All Tools Are Made From Tungsten Carbide, Offering A Longer Lifespan Than Traditional Tools.

**SPECIFICATION**

Model	HS-50	HS-90	HS-130
Wire Dia (Max.)	2.7mm	3.6mm	4.9mm
Wire Dia (Min.)	2.0mm	2.0mm	2.5mm
Nail Length (Max.)	50mm	90mm	130mm
Nail Length (Min.)	25mm	38mm	50mm
Output	Max 800pcs/min	Max 760pcs/min	Max 500pcs/min
Power	7kw	7kw	13kw
Dimension	1500 x 1300 x 1200	1500 x 1300 x 1200	1700 x 1500 x 1300
Weight	2800kg. (Approx)	2800kg. (Approx)	3200kg (Approx)



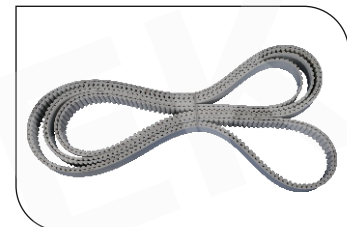
**TOOLS**



Nail Cutter



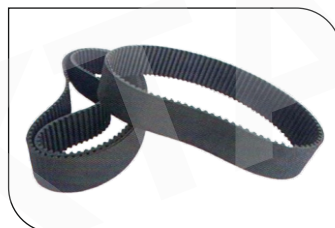
Nail Die



2000belt

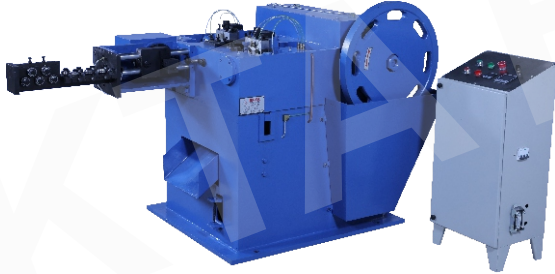


Punch



2562 Belt

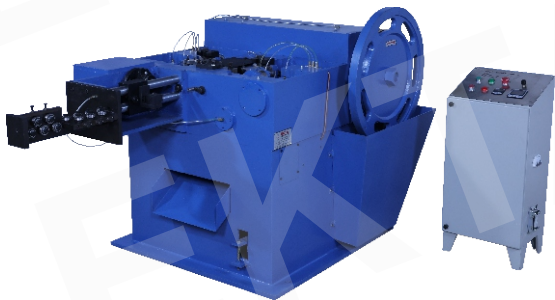
**Model : HD-75**



**Production per 8 Hours with 85% Efficiency**

Length (in MM)	Thick SWG	Thick MM	Production in Kg. Per 8 Hour	Nails Per Minute
75	10	3.25	800	400
63	10	3.25	650	400
50	10	3.25	550	400
50	12	2.64	400	450
45	14	2.0	200	450

**Model : HD-130**



**Production per 8 Hours with 85% Efficiency**

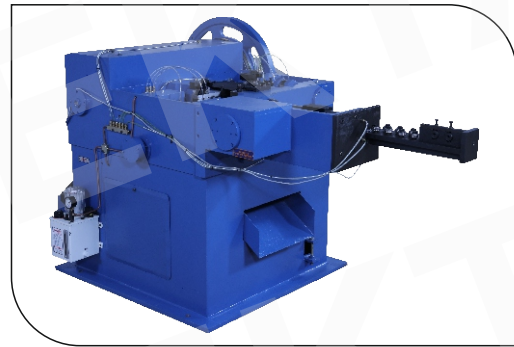
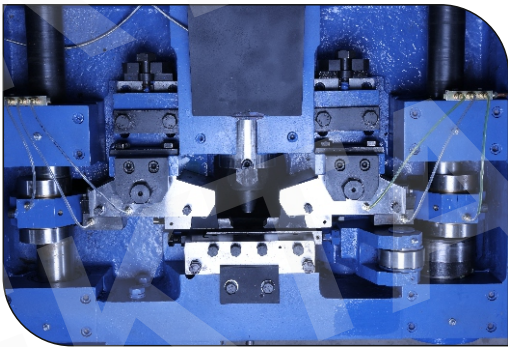
Length (in MM)	Thick SWG	Thick MM	Production in Kg. Per 8 Hour	Nails Per Minute
125	6	4.9	2300	300
100	6	4.9	1900	300
75	8	4.0	1300	400
63	8	4.0	1100	400
50	8	4.0	900	400

**Features**

- Using roller bearing system in 2 side shafts
- Using bush system in main shaft
- Hardening plate in bottom and both the sides of die block
- Hardening plate in bottom and both the sides of cutter slide gear feeding system
- A/C drive system speed control
- Nail counting digital display
- Sensor will stop the machine when wire gets over
- Two Oil Pumps With Auto Timer
  - ▶ One For Main Connecting Rod - Here Oil Will Keep Rotating Connecting Rod And Back To Pump
  - ▶ Another Oil Pump Is For All Other Parts

**SPECIFICATION**

Model	HD - 130	HD - 75
Wire Dia (Max.)	4.9mm	3.6mm
Wire Dia (Min.)	2.0mm	2.0mm
Nail Length (Max.)	130mm	90mm
Nail Length (Min.)	25mm	38mm
Output	Max 350pcs/min	Max 450pcs/min
Power	5.5kw	3.7kw
Dimension	1700 X 1300 X 1250	1550 X 1150 X 1150
Weight	1800kg. (Approx)	1350kg. (Approx)

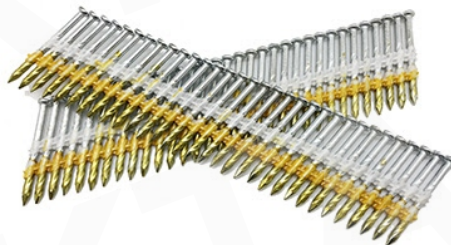


**Application :**

Common Nails, Coil Nails, Concrete Nails, SS Nails, 1045C Wire Nails  
 Specially Developed for HD Model, Heavy Coating Galvanized Wire Nails



**Concrete Nails  
 For Cable Clamps**

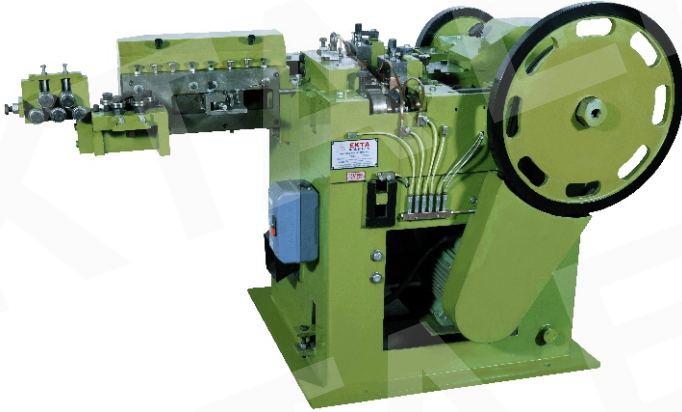


**Heavy Coating  
 Galvanized Plastic  
 Strips Nail**



**Concrete Nails**

**Model : EI - N25**



**Gear Feed Machine**



**Lever Feed Machine**

MODEL	WORKING RANGE				NAILS PER MIN.	POWER H.P.	APPROX FLOOR AREA IN MM.	APPROX WEIGHT OF MACHINE		CASH SIZE MM
	WIRE DIA.		LENGTH					NET KGS.	GROSS KGS.	
	MM	SWG	MM	INCHES						
EI-N25	0.9-1.8	20-15	6.4-45	1/4-13/4	500	1.5	1100 X 755	460	625	1350 X 1000 X 960
EI-N50	1.7-2.9	16-11	12-75	1/2-3"	400	2	1375 X 950	765	915	1500 X 1000 X 1070
EI-N75	2.0-4.1	14-8	25-100	1"-4"	350	3	1610 X 1020	975	1140	1680 X 1070 X 1070
EI-N125	2.6-4.9	12-6	25-125	1"-5"	250	5	1630 X 1050	1300	1500	1880 X 1150 X 1200
EI-N150	4.0-6.0	8-4	50-150	2"-6"	150	10	1350 X 1270	3000	3400	2400 X 1580 X 1370

**Features:** Precision Quality Nail • Heavy Duty • Continuous Operating • High Reliability  
 Low Maintenance • Long Life • Quick and Easy Setup • Trouble Free Working

**Quality and Reliability :** Quality casting, Alloy steel Crank Shaft and Side Shafts, H.S.S. Cutting Tools, Header Die, Phosphorous Bronze Bearing, Hardened and ground slides, other bushes and shafts. Wire straightening mechanism using antifriction bearing, balanced rotating parts with reduced noise and vibration. Centralized on point lubrication to ensure necessary lubrication at all required point easily. All these features resulting in long and trouble free operation. Interchangeability of parts makes it very convenient for spares and maintenance. Easy availability of spare from almost ready stock.

**POLISHING BARREL DRUM**



Wire Nails are produced by Wire Nail Making Machines. The Nails are to be polish as a well finished products. The quality of the Nails produced depend upon the wire used on the Machine. Generally, the wire received from the supplier is found dull due to Wire Drawing process and also some times gets rusted due to weather effects. The wire for process of cutting Nails is not so bright and as a result, the Nails produced do not have brightness and shining. Such finishes are never acceptable to the buyer. Thus, the nails do require polishing which results in and attractive finished products.

To overcome this difficulty, the Machine known as POLISHING BARREL has been Developed. The polishing barrels are available in two sizes viz. 500Kgs. Capacity per charge

Model	Power
250kg.	3HP
500Kg.	5HP
1000Kg.	10HP

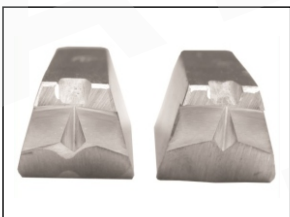
**CUTTER GRINDER**



The Cutting tools of the nail making Machines become blunt and they Require re-grinding. We have developed a special Cutter Grinder for Grinding all the Profiles of cutters. These machines are provided with special type of jigs and fixture so that even a semi-skilled worker can grind (re-sharpen) the cutting tools easily after a short training. It take only a few minutes to re-sharpen. These three wheel type Cutter Grinder is available in 200mm wheel size.

Model	Power
Carbide Cutter Grinder	0.75HP
Normal Cutter Grinder	0.75HP

**TOOLS**



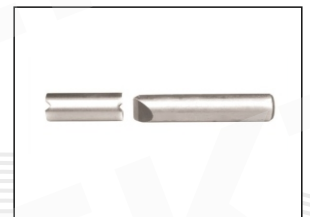
Wire Nail Cutting Tools



Wire Nail Gripping Dies

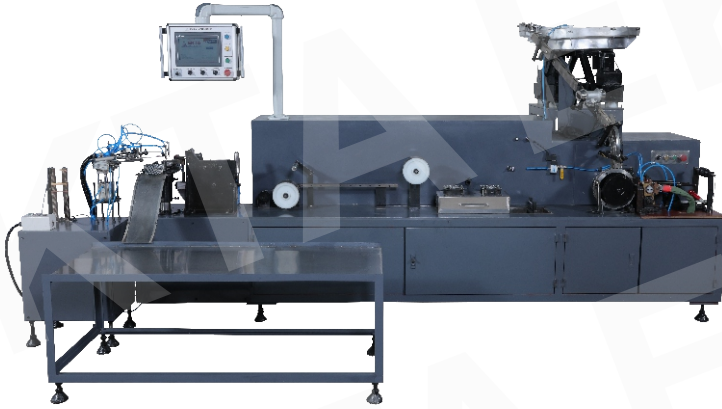


Wire Nail Header Punch

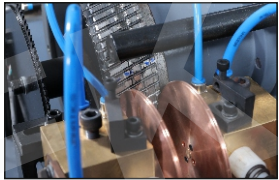


Wire Supplier Tools

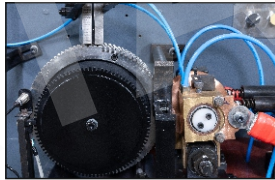
**Model : CN - ARS / 100**



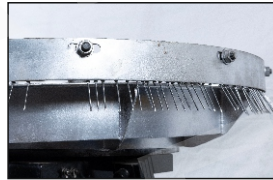
Technical Parameter	
CN - ARC / 100	
Speed (Pcs/Min)	2500 pcs / min
Max Power	13 kw.
Rated Power	7.5 Kw.
Nail Diameter	2.0-4.1mm
Weight	1500 kg.
Dimesion	5200 x 2600 x 2650



High Frequency Welding Can Ensure Bigger Weld Point And Firmly Welding, No Loose Welding Or Lack Of Welding.



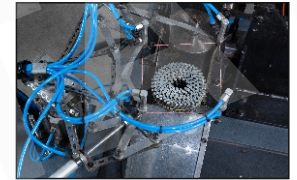
Small Welding Spark, Safer.



Better Quality Vibration Plate, Smoothly Feeding, No Nail Stuck, Easy Adjusting.

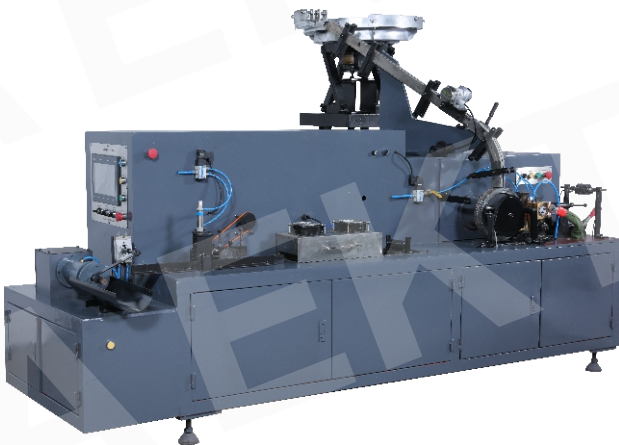


Brand electric parts



Rubber Ring Binding Full Automatically, Save Much On Labour Cost

**Model : CN - 100**



Technical Parameter	
CN - 100	
Speed (Pcs/Min)	2500 pcs / min
Max Power	12kw
Rated Power	7.5kw
Nail Diameter	2.0-4.1mm
Weight	1400kg. (Approx)
Dimesion	4000 x 1600 x 2650

Production Chart 8 Hour (60% Efficiency)			
Length (MM)	Dia (MM)	8 Hour	Per Min.
25	2.1	425	2200
45	2.3	850	2000
50	2.5	1000	1800
60	2.8	1150	1400
75	2.8	1450	1400
100	3.5	1900	900

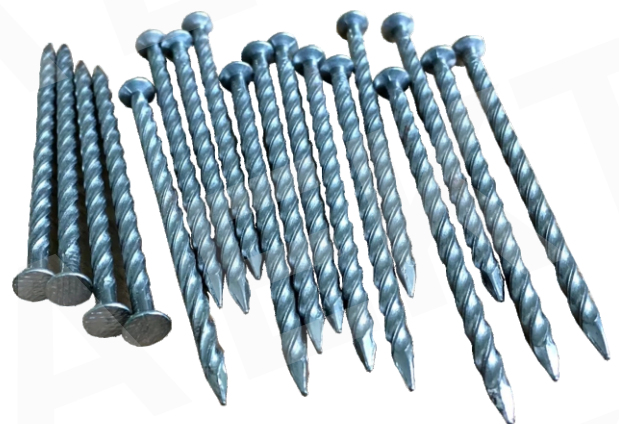
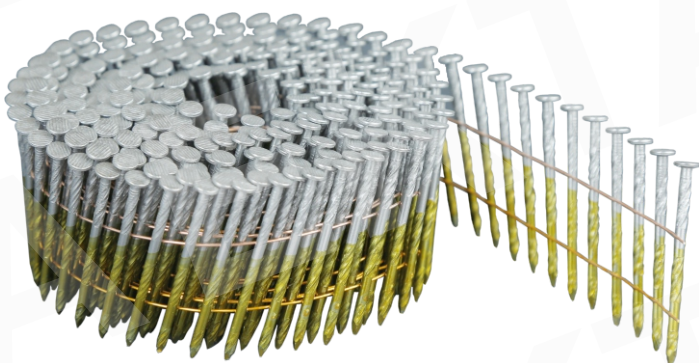
For high speed production of regular wire welded coil nail. This state of the art collator will produce any type of welded wire coil nails up to 350 nails in a coil. This machine is used to weld the nails in special shape used for nail gun.

**Model : GS - 100**



Technical Parameter	
GS - 100	
Nail Diameter	2.0-4.1mm
Nail Length	30-90mm
Rolling Speed	1500 pcs / min.
Motor Power	5.5 kw
Weight	1000 kg (Approx)
Dimension	1400 x 1400 x 1600

Production Chart 8 Hour (80% Efficiency)			
Length (MM)	Dia (MM)	8 Hour	Per Min.
25	2.1	390	1500
45	2.3	850	1500
50	2.5	1100	1500
60	2.8	1300	1200
75	2.8	1400	1000
100	3.5	2000	700



This machine is used for making thread on the nail to high up the tightness. And matches with all kinds of special molds, can produce all kinds of abnormal-shapenails, manily used in new-type nails of thread nails and ring shank nails etc.

**Model : EI - 600 (OTO)****Motorized Soap Applicator (Diebox)**

The set of the machine is an ideal equipment drawing wire stock high, medium and carbon steel, as well as copper, aluminum, and alloy. The machines are applied to drawing wire in the factories such as wire-steel factory, metal mesh factory and nail making factory etc.

**Machine Features**

Each unit of OTOMachine is equipped with diebox. The drum interior water-cooling is designed with high efficiency circulation and spiral, fully filled water paths. The dieboxes employs a forced and direct circulation water cooling system. This model is suitable for wire coiling operations for low/middle/high carbon wire Transmission System - Worm and Worm wheel type gear systems. Mode of speed adjustment AC frequency conversion control.

**Accessories :**

- Wire Butt Welding
- Wire Pull-in-Dog
- Pay off Stand/Coil Binders
- Wire Pointing Machine
- Wire Stripper
- Wire Rope Hoist

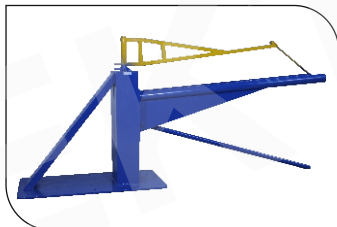
**Horizontal Dead Block (DBC-600)**



Dead Block Coilers or Continuous Coiler are used for taking up wire and are placed behind the wire processing lines. The wire is coiled up on baskets. The speeds are automatically adjusted to the machines placed in front.

**Machine Features**

- For low, medium, high carbon or stainless steel wire
- Horizontal or vertical axis capstan setup
- Tilted turntable or elevator type pattern laying system
- wide range of wire diameters
- bigger coil weight



Coil Stand



D-Scaler



Wire Pointing Machine



VFD Electrical Panel

**Model : EI - 300 (OTO)**

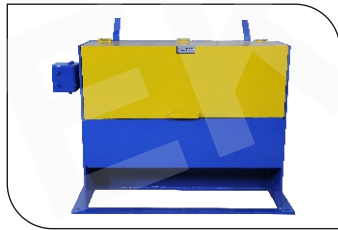


**Machine Features**

Each unit of OTOMachine is equipped with diebox. The drum interior water-cooling is designed with high efficiency circulation and spiral, fully filled water paths. The dieboxes employs a forced and direct circulation water cooling system. This model is suitable for wire coiling operations for M.S. Annealed wire. Transmission System Timing Pulley Mode of speed adjustment AC frequency conversion control



Payoff (Wire Rod)



D-Scaler



Wire-Drawing



Polishing Drum



Nail Making Machine



Thread Rolling Machine



Coil Nail Collator



Inspection



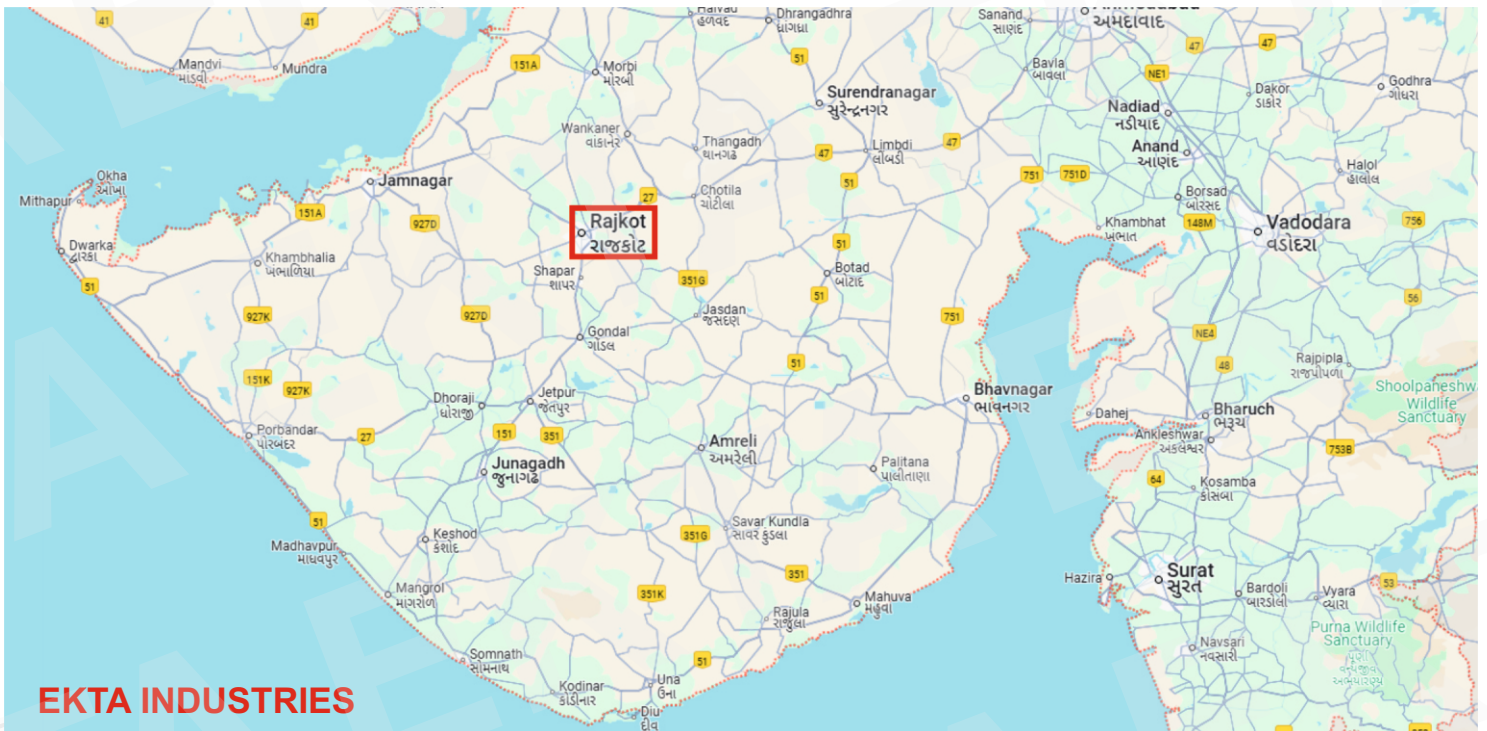
Delivery



Packaging



**Factory Location**



**EKTA INDUSTRIES**



# Our Valued Clients Around The World



Get in touch  
**EKTA INDUSTRIES**

**Unit 1 & 2 :**

80 Feet Road, Aji Vasahat St. No.6,  
B/h. Ajay Way Bridge, Rajkot - 360003  
Gujarat (INDIA)

**Unit 3 :**

Plot No.1 to 4, Movaliya Industrial Area,  
Gadhaka Road, Tramba, Rajkot-360020  
Gujarat (INDIA)

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