

WIRE DRAWING MACHINES



RBD Production Lines | Annealers | Coilers | Intermediate, Medium, Fine, Super Fine Wire Drawings | Wire Drawing With Annealing | Tinning

Copper Brass  
High Carbon/ Low Carbon Steel  
Stainless Steel Aluminium  
WIRE DRAWING MACHINES



**Progress Ahead ... Together**

# About us



## WIRE DRAWING MACHINES

Today, in our competitive environment of business, the need to cut Production Costs, Improve Quality and to Lower Production time, is more than ever before. The present demands us to change our production styles and be at par with International environment of working.

Parovi Machines bridges this gap of Technical know-how by providing the Indian wire & cable industry with the highest quality & most cost effective equipment, consulting, training & service to achieve the optimum in production performance. We guarantee hundred percent customer satisfaction through proper equipment selection, unsurpassed after sales service & prompt technical support. An extensive Customer Service department offers assistance from Delhi, Haryana, Mumbai & Hyderabad facilities to customers all over the country.



### Parovi Machines Ensures:

- Productivity of 3-4 times higher than conventional Indian machines
- Lower electrical power consumption up to 50%
- Lower manpower requirement up to 1/10th of Indian machines
- Lower maintenance and operator interference
- Lower sound levels and vibrations

Our Engineering Department supports customers' special requests and answers their particular needs and demands. Our Resident Service Engineers handle new equipment commissioning, customers' personnel training, and equipment troubleshooting as well preventive and defective maintenance support. In addition to the demonstration equipment, Parovi Machines also stocks most commonly used spare parts that are available for immediate delivery. Competent staff supports our customers in identifying and supplying the required spare parts.

### Products & Services

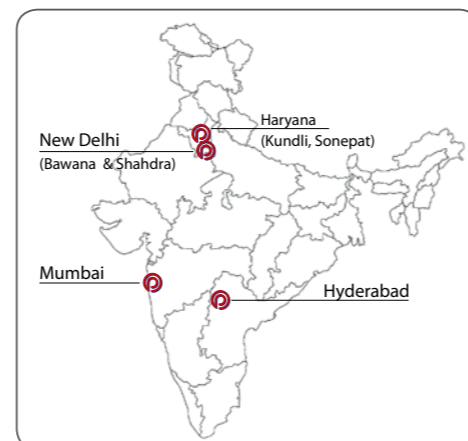
Parovi Machines' products include single and multi-wire drawing machines, automatic pack coilers for bare, plated and insulated wire, ultra fine wire drawing machines, continuous resistance annealers, spoolers, re-spoolers, coilers and Annealing & Tinning machines. Our company is capable of supplying one hundred percent turnkey production systems in India.

### Our Strength

- 'Parovi Machines' is a Total Technical Solution Provider for wire and cable manufacturers.
- 'Parovi Machines' offers ready stock of all range of machines and accessories it offers.
- 'Parovi Machines' provides complete After-Sales-Service backup for the machines and accessories.
- 'Parovi Machines' keeps a ready stock of the spare-parts.

Parovi Machines is proud to present the latest advances in wire drawing, annealing & Tinning that have made us the leader in Indian market.

### Service Network



## Content

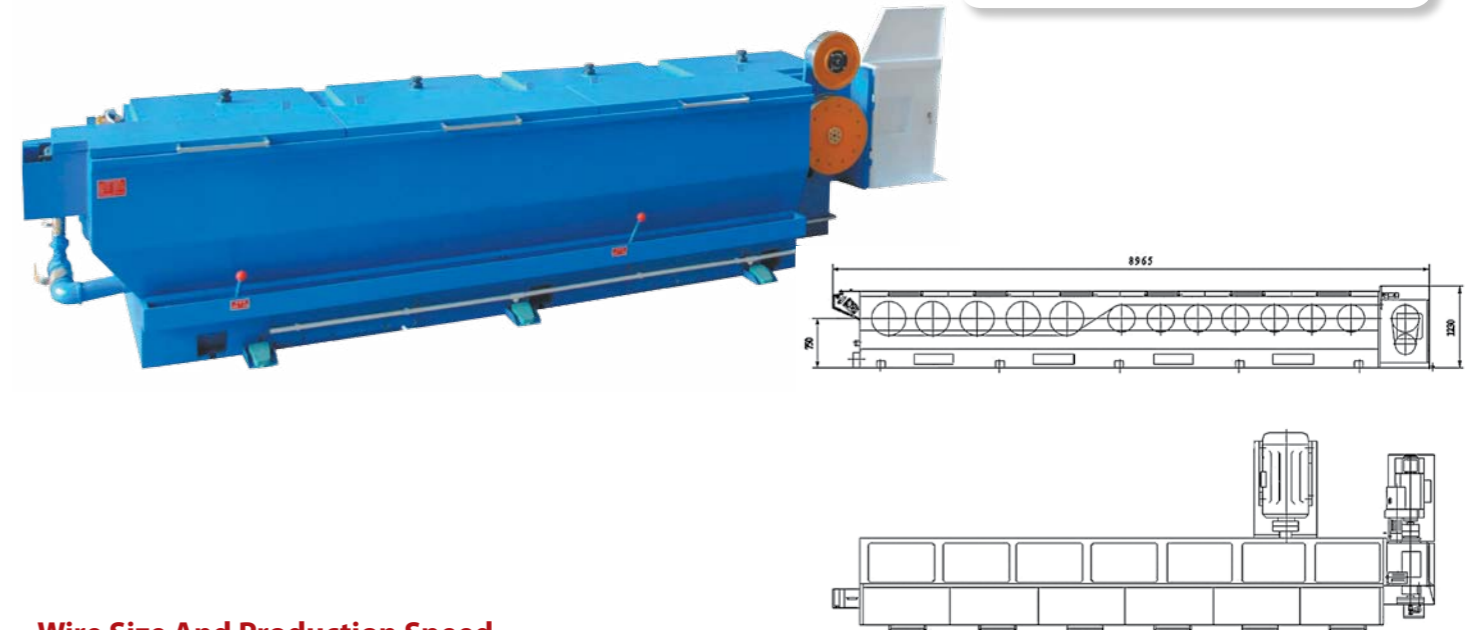
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### FEATURES:

- AC three phase current motor drive, free of maintenance, and power saving.
- Micro-slip drawing, and effective increase of capstan using life and good quality of finished wire surface.
- High hardness, helical tooth and accurate grinding gear drive, with low noise and energy consumption.

### Technical parameter

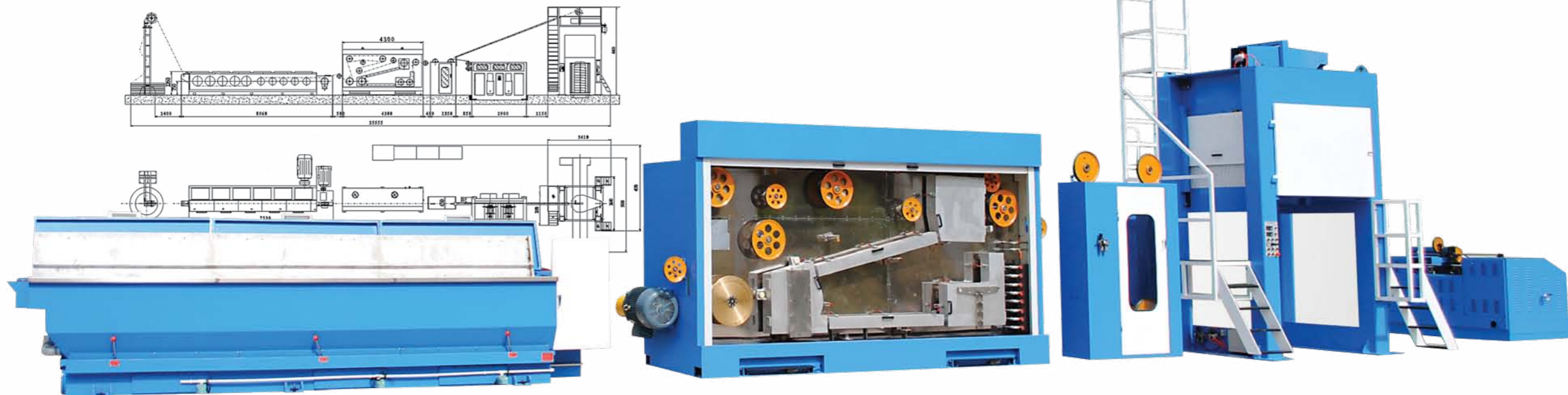
Name		DL40-7	DL400-9	DL400A-9	DL400-11	DL400-13
Wire inlet size	प्रवेशिका तार साईज़	max8.0mm	max8.0mm	max8.0mm	max8.0mm	max8.0mm
Wire finished dia	तार साईज़	Ø2.6-Ø3.5mm	2.0-3.5mm	2.0-3.5mm	1.6-3.5mm	1.2-3.5mm
Max speed	अधिकतम गती	1000M/min	1200M/min	1500M/min	1500M/min	1500M/min
Die size	डाई साईज़	Max55mm	Max55mm	Max55mm	Max55mm	Max55mm
Elongation	खिचाव	42%-21%	42%-21%	46-8%	46-8%	46-8%
Capstan dia	कैपस्टन साईज़	Ø400mm	Ø400mm	Ø500mm	Ø400mm	Ø500mm
Fix speed capston dia	स्थिर गती कैपस्टन साईज़	400mm	400mm	400mm	400mm	400mm
Main motor power	मुख्य मोटर उर्जा	AC132kw	AC160kw	AC160kw	AC200kw	AC200kw
Fix speed motor power	स्थिर गती मोटर उर्जा	AC55kw	AC55kw	AC55kw	AC55kw	AC55kw
Rotation dia motor power	आवर्तन मोटर उर्जा	AC400w	AC400w	AC400w	AC400w	AC400w
Pump motor power	पम्प मोटर उर्जा	1.1KW	1.1Kw	4Kw	4Kw	4Kw
Overall dimensions	सम्पूर्ण आयाम	4.36X2.7X1.2M	5.36X2.7X1.2M	6.8X1.8X1.2M	7.9X1.8X1.2M	9X1.8X1.2M
Net weight	कुल वज़न	7000Kg	8500Kg	13000Kg	15000Kg	17000Kg



### Wire Size And Production Speed

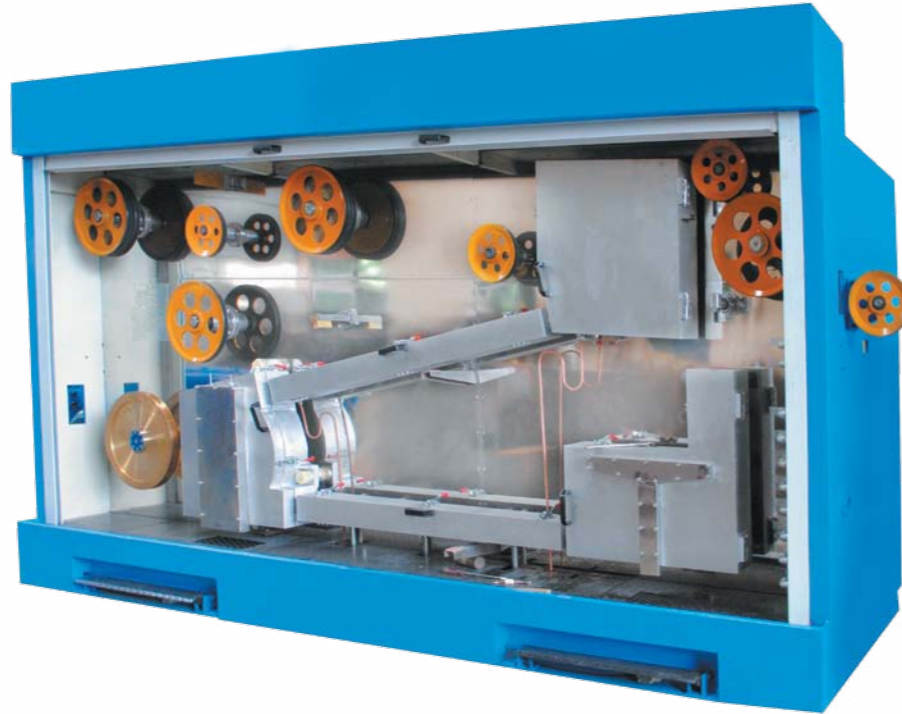
wire size (min)	TY hard wire product speed (m/min)				
	DL400-7	DL400-9	DL400A-9	DL400-11	DL400-13
Ø1.20					1200
Ø1.60				1200	1200
Ø2.0		1000	1000	1000	1000
Ø2.60	900	900	900	900	900
Ø3.00	700	700	700	700	700
Ø3.50	600	600	600	600	600

### RBD Production Line



### FEATURES:

- Constant type annealing, DC or AC current.
- Horizontal structure, convenient design and easy operation.
- Strong cooling system to meet large current and high speed production.
- Bright finished wire surface, stable elongation and good quality.



### Technical parameter

MODEL		TH5000 DC	TH5000 AC
Wire size(mm)	तार साईज	Ø1.2-Ø3.5	Ø1.2-Ø3.5
Speed(m/min)	गती	Max1500	Max1500
Capston dia	कैपस्टन साईज	Ø450mm	Ø450mm
Max voltage	अधिकतम वोल्टेज	60DC	55AC
Max current	अधिकतम करंट	5000	4300
Max power	अधिकतम उर्जा	425kw	283kw
Steam generator power	भाप जनित्र उर्जा	18kw	18kw
Overall dimensions(LxWxH)	सम्पूर्ण आयाम	4.25X1.25x2.5M	4.25X1.25x2.5M
Net weight	कुल वजन	4500kg	4500kg

### Production Speed

WIRE SIZE	SPEED	PRODUCTION
Ø2.6mm	800 M/min	2268kg/h
Ø3.0mm	600 M/min	2264kg/h

### FEATURES:

- Automatic non-stop production, automatic changing of take-up wire drum.
- Adjustable tightness of winding and large take-up capacity.
- High speed and trouble free paying off.
- Maintenance free & 3 phase AC motor drive.
- High grade dynamic balance precision and high speed & stable running.



### Technical parameter

MODEL		WF800	WF650
Wire size	तार साईज	Ø1.2-Ø4.0mm	Ø0.8-Ø2.0mm
Speed(m/min)	गती	Max1200	Max1200
Coiler dia(min)	कॉयलर साईज	Ø800mm	Ø650mm
Take-up stand size	स्टैंड साईज	Ø580 x Ø1050 x Ø1600	Ø480 x Ø850 x Ø1540
Take-up stand capacity	स्टैंड क्षमता	Max 1800kg	Max 1000kg
Coiler motor power	कॉयलर मोटर उर्जा	AC15kw	AC15kw
Spooling motor power	रील मोटर उर्जा	0.75Kw	0.75Kw
Overall dimensions (LxWxH)	सम्पूर्ण आयाम	4.28 x 3.8 x 4.55M	2.6 x 3.8 x 3.7M
Net weight	कुल वजन	5000kg	3500kg

### Production Speed

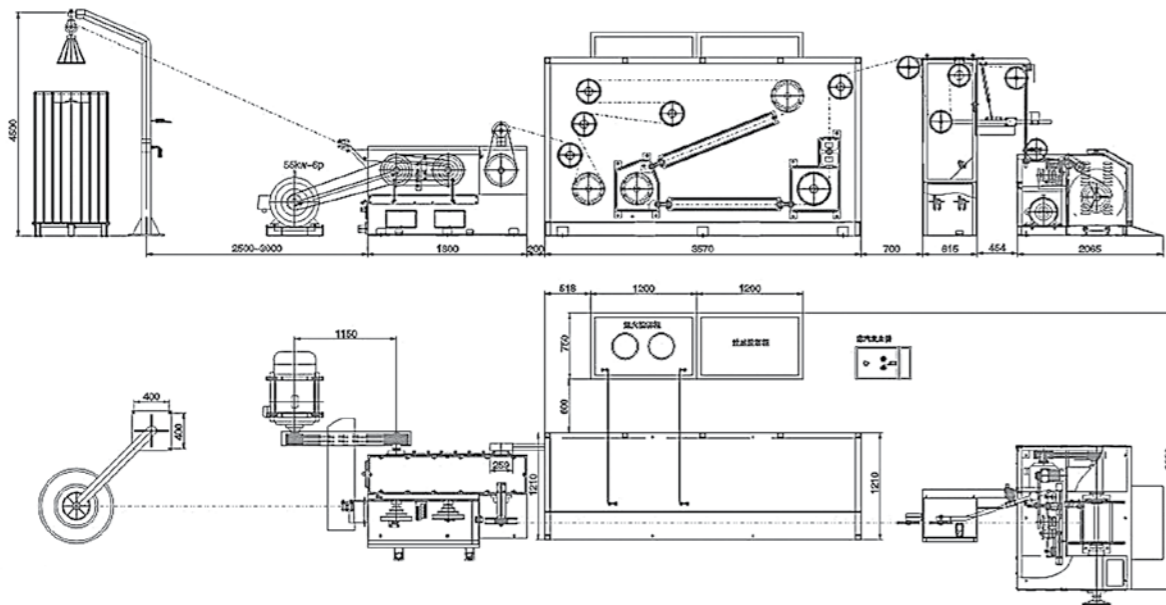
WIRE SIZE	WF800	WF650
2.6mm	1000 M/min	
20mm	1200 M/min	800 M/min
1.2mm	1200 M/min	1200 M/min
1.0mm		1200 M/min

# Intermediate/Large Wire Drawing Machine with Annealer

ZLT350/9

## FEATURES:

- Drive and control by AC three phase dual-inverter.
- Horizontal contact-type DC annealing.
- High productivity, low power consumption.
- High precision gear drive with low noise.



## Technical parameter

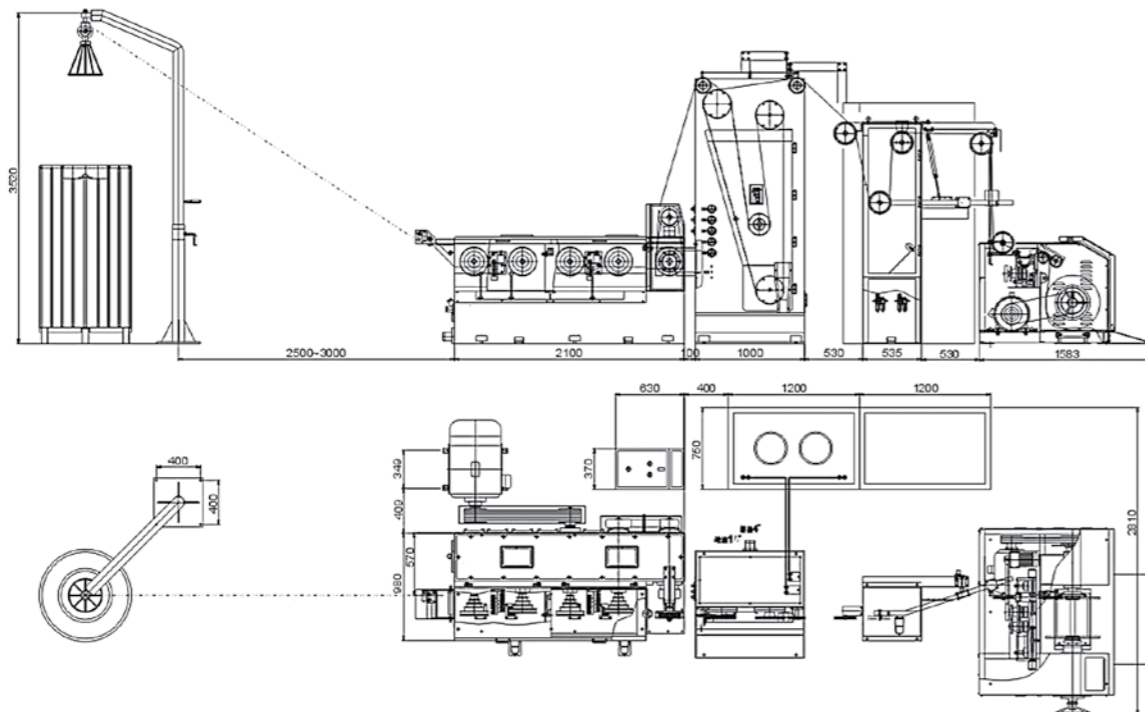
MODEL	ZLT350/9	
Control system	नियंत्रण प्रणाली	Digital
Power control	उर्जा नियंत्रण	Dual-inverter
Wire inlet dia	प्रवेशिका तार साईज	2.6-3.5mm
Wire finished dia	तार साईज	1.0-2.76mm
Max wire speed	अधिकतम गती	1200M/min
Max no. of dies	सांचों की अधिकतम संख्या	9
Transmission type	प्रसार विधी	Gear drive
Mechanical elongation	यांत्रिक खिंचाव	25%+16.7%
Drawing capstan	खिंचाव कैपस्टन	Tungsten carbide
Construction of the machine body	संरचना	Casting+steel plate welding and annealing
Capston dia (max)	अधिकतम कैपस्टन साईज	350mm
Fix speed capston dia	स्थिर गती कैपस्टन साईज	350mm
Spool bobbin size	रील साईज	SN500, SN630 (optional )
Bobbin loading & unloading type	रील भरने/खाली करने की विधी	Bi-shafts cone
Traversing unit	रील भराव विधी	AC reducer motor and timing belt
Main motor	मुख्य मोटर	AC 55kw(6p)
Spooler motor	रील मोटर	AC11kw
Correction system	संशोधन पद्धति	Automatic digital control of take-up
Tension control	तनाव नियंत्रण	Buffer rod with air cylinder and rocket arm
Max loading capacity	अधिकतम भरन क्षमता	250Kg(SN500) or 500kg(SN630)
Lubrication type	लुब्रिकेशन प्रकार	Lubrication by full immersion
Lubricant capacity	लुब्रिकेशन क्षमता	100L/min
Brake	ब्रेक	Disk type brake
Lubrication type for bearing	बियरिंग का लुब्रिकेशन प्रकार	Pump enforce oil
Annealing control	अनीलिंग नियंत्रण	3 Pole dc current output
Annealing capacity	अनीलिंग क्षमता	150Kva
Annealing voltage	अनीलिंग वोल्टेज	Max 65v
Annealing current	अनीलिंग करंट	2500A
Power source	उर्जा स्रोत	415V/50Hz
Connect load	कुल उर्जा	77Kw+150kva
Steam consumption	भाप खपत	10-12M <sup>3</sup> /h,0.2-0.3Mpa(with 9kw steam generator)
Cooling water consumption	ठंडे पानी की खपत	15-20M <sup>3</sup> /h,0.2-0.3Mpa
Air consumption	वायु खपत	20-30M <sup>3</sup> /h,0.4-0.6Mpa
Machine dimension	मशीन आयाम	14 x 3.5 x 4M
Gross weight	कुल वजन	7000Kg

# Intermediate Wire Drawing Machine with Annealer

ZLT250/17 & ZLT250/21

## FEATURES:

- Drive and control by AC three phase dual-inverter.
- Contact-type DC annealing.
- High productivity, low power consumption.



## Technical parameter

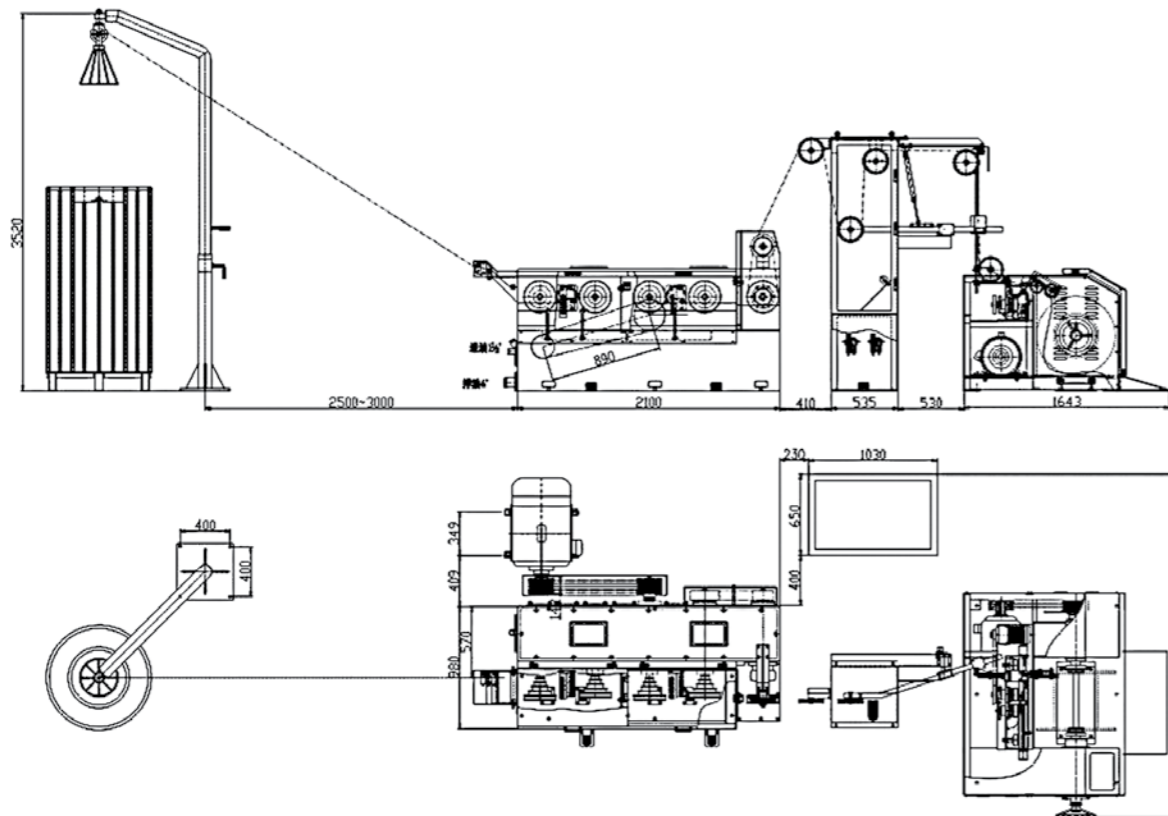
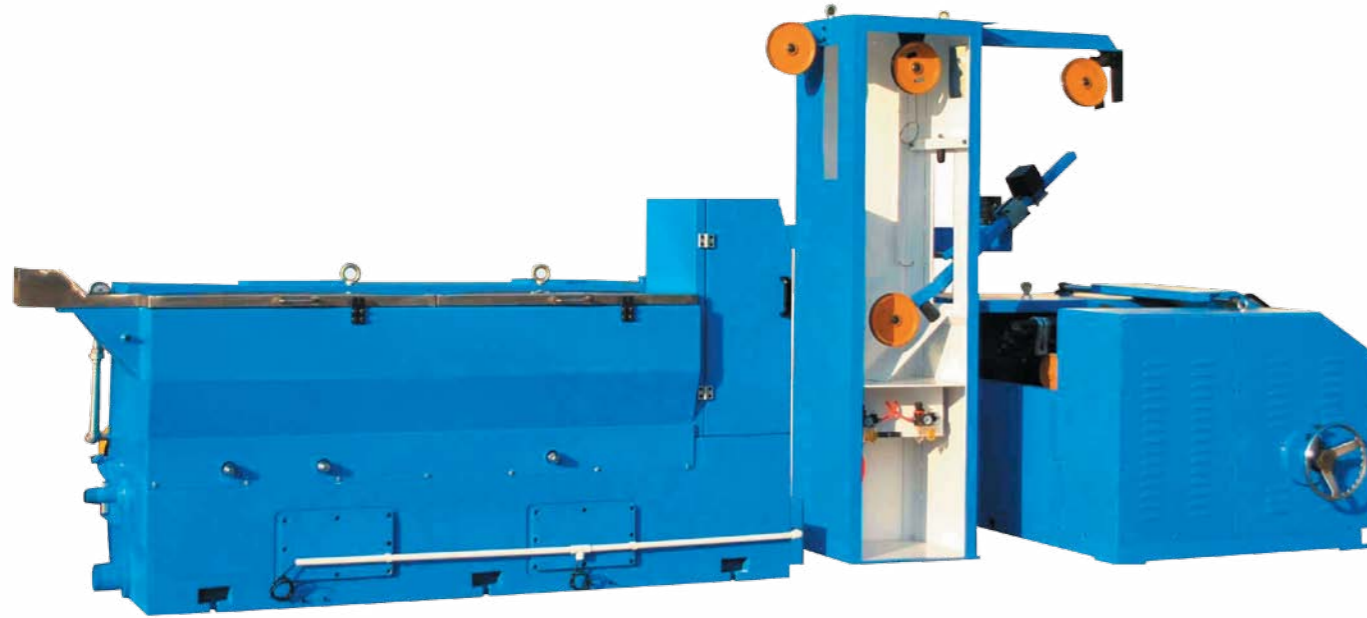
MODEL		ZLT250/17	ZLT250/21
Power control	नियंत्रण प्रणाली	Dual Inverter	Dual Inverter
Input wire	प्रवेशिका तार	2.6-3.0mm	2.6-3.0mm
Output wire	तार	0.4-1.2mm	0.4-1.2mm
Maximum line speed	अधिकतम गती	1800M/min	1800M/min
Maximum number of dies	संचों की अधिकतम संख्या	17	21
Mechanical elongation	यांत्रिक खिंचाव	25%+18.7%	18.4%+15%
Construction of the machine body	संरचना	Casting + steel plate welded and annealed	Casting + steel plate welded and annealed
Drawing capstan	खिंचाव कैपस्टन	Tungsten carbide	Tungsten carbide
Final capstan	अंतिम कैपस्टन	250mm	250mm
Drawing /take-up motor	खिंचाव मोटर	AC55kw/ac11kw	AC55kw/ac11kw
Take-up type	खिंचाव प्रकार	SN500 or SN630 (optional)	Sn500(sn630)500x300x345
Transmission type	प्रसार विधि	Gear drive	Gear drive
Tension adjustment	तनाव नियंत्रण	Buffer rod with air cylinder and rocker arm	Buffer rod with air cylinder and rocker arm
Correction system	संशोधन पद्धति	Automatic digital control of take-up	Automatic digital control of take-up
Max loading capacity	अधिकतम भरन क्षमता	200Kg (SN500) or 500kg (SN630)	200Kg (SN500) or 500kg (SN630)
Power supply	उर्जा	415V/50Hz	415V/50Hz
Lubricant capacity	लुब्रिकेशन क्षमता	100L/Min	100L/Min
Lubrication type	लुब्रिकेशन प्रकार	Lubrication by full immersion	Lubrication by full immersion
Brake	ब्रेक	Disk type brake	Disk type brake
Annealing capacity	अनीलिंग क्षमता	85Kva	85Kva
Annealing voltage	अनीलिंग वोल्टेज	Max. 6.5V	
Annealing current	अनीलिंग करंट	1000A	1000A
Steam consumption	भाप खपत	10-12m <sup>3</sup> /h,0.2-0.30Mpa	10-12m <sup>3</sup> /h,0.2-0.30Mpa
Cooling water consumption	ठंडे पानी की खपत	12-18m <sup>3</sup> /h,0.2-0.25Ampa	12-18m <sup>3</sup> /h,0.2-0.25Ampa
Air consumption	वायू खपत	20-30m <sup>3</sup> /h,0.4-0.6Ampa	20-30m <sup>3</sup> /h,0.4-0.6Ampa
Dimensions(lxwxh)	आयाम	9 x 3 x 3.5 M	9 x 3 x 3.5 M
Weight	कुल वजन	7000Kg	7000Kg

# Intermediate Wire Drawing Machine

ZL250/17 & ZL250/21

## FEATURES:

- Drive and control by AC three phase dual-inverter.
- High productivity, low power consumption.
- High precision gear drive with low noise.



## Technical parameter

MODEL		ZL250/17	ZL250/21
Control system	नियंत्रण प्रणाली	Digital readout	Digital readout
Power control	उर्जा नियंत्रण	Dual-inverter	Dual-inverter
Wire inlet dia	प्रवेशिका तार साईज	2.6-3.0mm	2.6-3.0mm
Wire finished dia	तार साईज	0.4-1.2mm	0.4-1.2mm
Max wire speed	अधिकतम गती	1800M/min	1800M/min
Max dies no	सांचों की अधिकतम संख्या	17	21
Transmission type	प्रसार विधि	Gear drive	Gear drive
Mechanical elongation	यांत्रिक खिंचाव	25%+18.7%	18.4%+15%
Drawing capstan	खिंचाव कैपस्टन	Tungsten carbide	Tungsten carbide
Construction of the machine body	संरचना	Casting+steel plate welding and annealing	Casting+steel plate welding and annealing
Capston dia (max)	अधिकतम कैपस्टन साईज	250mm	250mm
Fix speed capston dia	स्थिर गती कैपस्टन साईज	250mm	250mm
Spool bobbin size	रील साईज	SN500 or SN630 (optional)	SN500 or SN630 (optional)
Bobbin loading & unloading type	रील भरने/खाली करने की विधि	Bi-shafts cone	Bi-shafts cone
Traversing unit	रील भराव विधि	AC reducer motor and timing belt	AC reducer motor and timing belt
Main motor	मुख्य मोटर	AC55kw	AC55kw
Spooler motor	रील मोटर	AC11kw	AC11kw
Connect load	कुल उर्जा	66Kw	66Kw
Correction system	संशोधन पद्धति	Automatic digital control of take-up	Automatic digital control of take-up
Tension control	तनाव नियंत्रण	Buffer rod with air cylinder and rocket arm	Buffer rod with air cylinder and rocket arm
Max loading capacity	अधिकतम भरन क्षमता	250Kg(SN500) or 500kg(SN630)	250Kg(SN500) or 500kg(SN630)
Lubrication type	लुब्रिकेशन प्रकार	Lubrication by full immersion	Lubrication by full immersion
Lubricant capacity	लुब्रिकेशन क्षमता	100L/min	100L/min
Brake	ब्रेक	Disk type brake	Disk type brake
Lubrication type for bearing	बियरिंग का लुब्रिकेशन प्रकार	Pump enforce oil	Pump enforce oil
Power source	उर्जा स्रोत	415V/50Hz	415V/50Hz
Mechanical dimension	मशीन आयाम	8 x 3 x 3.5 mm	8 x 3 x 3.5 mm
Gross weight	कुल वजन	5000Kg	5000Kg

# Medium Wire Drawing Machine with Annealer

17DHT, 24DHT, SMD205T & SMD206T

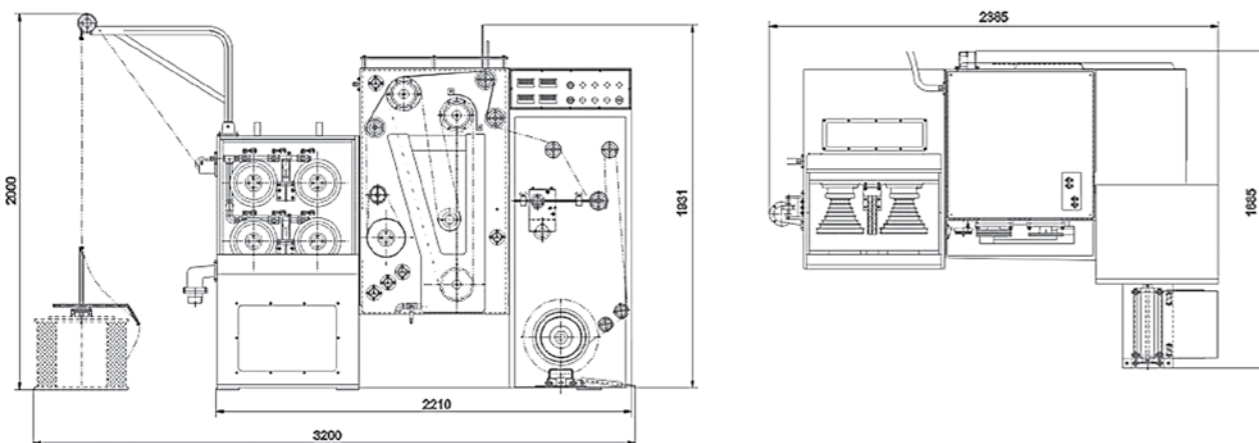
## FEATURES:

- Automatic tension control by DC or dual inverter.
- Zero slip pilot design, good quality finished wire.
- Low power consumption, reduction of 20-25% compared to traditional type of machines.



## Technical parameter

MODEL		17DHT	24DHT	SMD205T	SMD206T
Power control	उर्जा नियंत्रण	Dual-inverter	Dual-inverter	Dual-inverter	Dual-inverter
Wire inlet dia	प्रवेशिका तार साईज	0.75-1.6mm	0.5-1.2	0.95-1.65mm	0.95-1.65mm
Wire finished dia	तार साईज	0.2-0.5mm	0.1-0.32mm	0.15-0.4mm	0.15-0.4mm
Max wire speed	अधिकतम गती	2000M/min	2000M/min	2000M/min	2000M/min
Max no. Of dies	सांचों की अधिकतम संख्या	17(18)	24	24	26
Transmission type	प्रसार विधी	Advanced flat belt drive	Advanced flat belt drive	Advanced flat belt drive	Advanced flat belt drive
Mechanical elongation	यांत्रिक खिचाव	15%+8.7%	13%+8.7%	15%+13%	15%+15%
Capstan	कैपस्टन	Ceramic plasma	Ceramic plasma	Ceramic plasma	Ceramic plasma
Construction of the mc	संरचना	Steel plated welded, vertical four shafts.	Steel plated welded, vertical four shafts.	Steel plated welded, vertical four shafts.	Steel plated welded, vertical four shafts.
Capston dia (max)	अधिकतम कैपस्टन साईज	Ø242mm	Ø242mm	Ø242mm	Ø242mm
Fix speed capston dia	स्थिर गती कैपस्टन साईज	Ø206mm	Ø206mm	Ø206mm	Ø206mm
Spool bobbin size	रील साईज	Ø300x215x270mm	Ø300x215x270mm	Ø300x215x270mm	Ø300x215x270mm
Bobbin loading & un-loading type	रील भरने/खाली करने की विधी	Expansion shaft or single shaft cone (optional)	Expansion shaft or single shaft cone (optional)	Expansion shaft or single shaft cone (optional)	Expansion shaft or single shaft cone (optional)
Max loading capacity	अधिकतम भरन क्षमता	50Kg	50Kg	50Kg	50Kg
Traversing unit	रील भराव विधी	Synchronous motor and flat belt	Synchronous motor and flat belt	Synchronous motor and flat belt	Synchronous motor and flat belt
Main motor	मुख्य मोटर	15Kw	11Kw	15Kw	18Kw
Spooler motor	रील मोटर	4Kw	4Kw	4Kw	4Kw
Correction system	संशोधन पद्धति	Automatic digital control of take-up	Automatic digital control of take-up	Automatic digital control of take-up	Automatic digital control of take-up
Tension control	तनाव नियंत्रण	Weight type tension pulley	Weight type tension pulley	Weight type tension pulley	Weight type tension pulley
Lubrication type	लुब्रिकेशन प्रकार	Spray type	Spray type	Spray type	Spray type
Brake	ब्रेक	Magnetic brake	Magnetic brake	Magnetic brake	Magnetic brake
Lubrication for bearing	बियरिंग का लुब्रिकेशन	Without oil	Without oil	Without oil	Without oil
Annealing control	अनीलिंग नियंत्रण	3Pole DC current output	3Pole DC current output	3Pole DC current output	3Pole DC current output
Annealing capacity	अनीलिंग क्षमता	30Kva	21Kva	30Kva	30Kva
Annealing voltage		0-57V	0-57V	0-57V	0-57V
Annealing current	अनीलिंग करंट	400A	300A	400A	400A
Connect load	कुल उर्जा	19Kw+30kva	15Kw+30kva	19Kw+30kva	19Kw+30kva
Power source	उर्जा स्रोत	415V/50Hz	415V/50Hz	415V/50Hz	415V/50Hz
Steam consumption	भाप खपत	6-9Kg/h 0.2-0.3Mpa (6kw)	6-9Kg/h 0.2-0.3Mpa (6kw)	6-9Kg/h 0.2-0.3Mpa (6kw)	6-9Kg/h 0.2-0.3Mpa (6kw)
Cooling water consumption	ठंडे पानी की खपत	4-8M <sup>3</sup> /h0.2-0.25Mpa	4-8M <sup>3</sup> /h0.2-0.25Mpa	4-8M <sup>3</sup> /h0.2-0.25Mpa	4-8M <sup>3</sup> /h0.2-0.25Mpa
Air consumption	वायू खपत	15-25M <sup>3</sup> /h 0.4-0.6Mpa	15-25M <sup>3</sup> /h 0.4-0.6Mpa	15-25M <sup>3</sup> /h 0.4-0.6Mpa	15-25M <sup>3</sup> /h 0.4-0.6Mpa
Lubricant capacity	लुब्रिकेशन क्षमता	>50L/min	>50L/min	>50L/min	>50L/min
Mechanical dimension	मशीन आयाम	3 x 2.5 x 2.3M	3 x 2.5 x 2.3M	3 x 2.5 x 2.3M	3 x 2.5 x 2.3M
Gross weight	कुल वजन	3000kg	3000kg	3000kg	3000kg



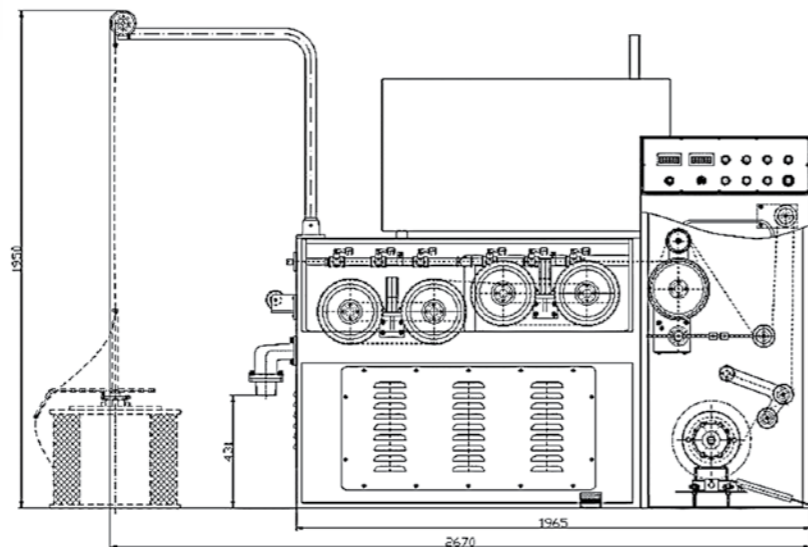


# Medium Wire Drawing Machine

14DHA, 17DHA, 18DHA, SMD205 & SMD206

## FEATURES:

- Automatic tension control by DC or dual inverter.
- Zero slip pilot design, high productivity; good quality finished wire.
- Low power consumption, a reduction of 20-25% compared to traditional type of machine.



## Technical parameter

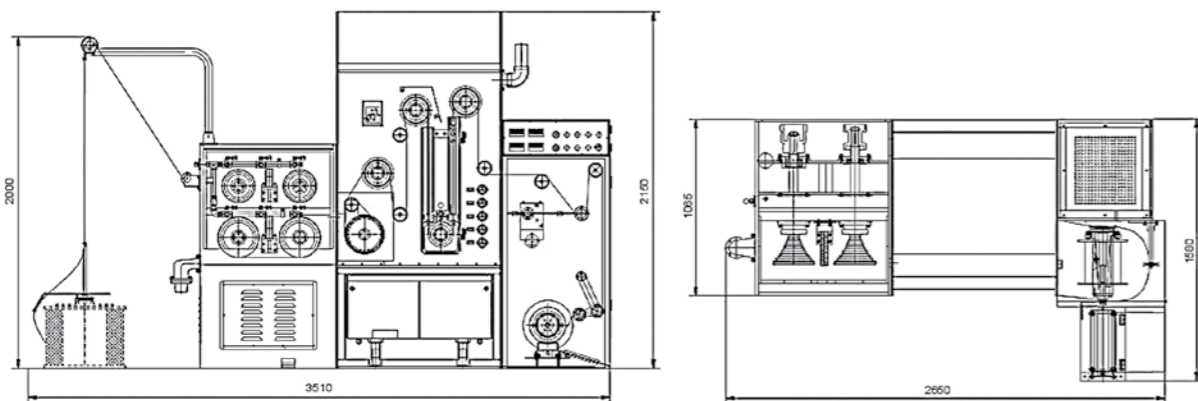
TYPE		14DHA	17DHA	18 DHA	SMD205	SMD206
Control System	नियंत्रण प्रणाली			Digital read out or LCD computer interface		
Power Control	उर्जा नियंत्रण	Dual Inverter	Dual Inverter	Dual Inverter	Dual Inverter	Dual Inverter
Wire Inlet Dia	प्रवेशिका तार साईज़	Ø0.80-Ø1.67mm	Ø0.75-Ø1.6mm	Ø0.8-Ø1.6mm	Ø0.95-Ø1.65	Ø1.0-Ø1.65mm
Wire Finished Dia	तार साईज़	Ø0.2-Ø0.8mm	Ø0.2-Ø0.5mm	Ø0.3-Ø0.6mm	Ø0.15-Ø0.4mm	Ø0.12-Ø0.4mm
Max Wire Speed	अधिकतम गती	1500M/Min	2000M/Min	1800M/Min	2500M/Min	2500M/Min
Max Dies No	सांचों की अधिकतम संख्या	14	17(18)	18	24	26
Transmission Type	प्रसार विधि	Advanced Flat Belt Drive	Advanced Flat Belt Drive	Advanced Flat Belt Drive	Advanced Flat Belt Drive	Flat Belt + timing belt
Mechanical elongation	यांत्रिक खिंचाव	17.5%+10%	15%+8.7%	18%+13%	15%+13%	15%+15%
Capstan	खिंचाव कैपस्टन	Ceramic coated	Ceramic coated	Ceramic coated	Ceramic coated	Ceramic coated
Construction Of The Machine Body	संरचना	Mono block casted, tandem four shafts	Mono block casted, tandem four shafts	Mono block casted, tandem four shafts	Mono block casted, tandem four shafts	Mono block casted, tandem four shafts
Capston Dia (Max)	अधिकतम कैपस्टन साईज़	Ø268mm	Ø242mm	Ø242mm	Ø242mm	Ø242mm
Fix Speed Capston Dia	स्थिर गती कैपस्टन साईज़	206mm	206mm	206mm	206mm	206mm
Spool Bobbin Size	रील साईज़	Ø300 ~ Ø400mm	Ø300xØ 215x 270mm	Ø300xØ215x 270mm	300X215x 270mm	Ø300xØ215x 270mm
Bobbin Loading :& Unloading Type	रील भरने / खाली करने की विधि	Expansion shaft or single cone	Expansion shaft or single cone	Expansion shaft or single cone	Expansion shaft or single cone	Expandable shaft
Max Loading Capacity	रील भराव विधि	100Kg	50Kg	50Kg	50Kg	50Kg
Traversing Unit	रील भराव विधि	Synchronous motor and Flat Belt	Synchronous motor and Flat Belt	Synchronous motor and Flat Belt	Synchronous motor and Flat Belt	Synchronous motor and Flat Belt
Main Motor	मुख्य मोटर	18.5Kw	15Kw	18.5Kw	18.5Kw	18.5Kw
Spooler Motor	रील मोटर	5.5Kw	4Kw	4Kw	4Kw	4Kw
Correction system	संशोधन पद्धति	Automatic digital control of take-up	Automatic digital control of take-up	Automatic digital control of take-up	Automatic digital control of take-up	Automatic digital control of take-up
Tension Control	तनाव नियंत्रण	Weight Type Tension Pulley	Weight Type Tension Pulley	Weight Type Tension Pulley	Weight Type Tension Pulley	Weight Type Tension Pulley
Lubrication Type	लुब्रिकेशन प्रकार	Spray type	Spray type	Spray type	Spray type	Spray type
Brake	ब्रेक	Magnetic Brake	Magnetic Brake	Magnetic Brake	Magnetic Brake	Magnetic Brake
Lubrication Type For Bearing	बियरिंग का लुब्रिकेशन प्रकार	Without Oil	Without Oil	Without Oil	Without Oil	Without Oil
Power Source	उर्जा स्रोत	415V/50Hz	415V/50Hz	415V/50Hz	415V/50Hz	415V/50Hz
Lubricant Capacity	लुब्रिकेशन क्षमता	>50L/Min	>50L/Min	>50L/Min	>50L/Min	>50L/Min
Machine Dimension	मशीन आयाम	2.7 x 1.6 x 2M	2.7 x 1.6 x 2M	2.7 x 1.6 x 2M	2.7 x 1.6 x 2M	2.7 x 1.6 x 2M
Gross Weight	कुल वजन	2100Kg	2100Kg	2100Kg	2300Kg	2300Kg

# Fine Wire Drawing Machine with Annealer

24DHT - VG150

## FEATURES:

- Automatic tension control by DC or dual inverter.
- Zero slip pilot design, high productivity; good quality finished wire.
- Low power consumption, a reduction of 20-25% compared to traditional type of machine.



## Technical parameter

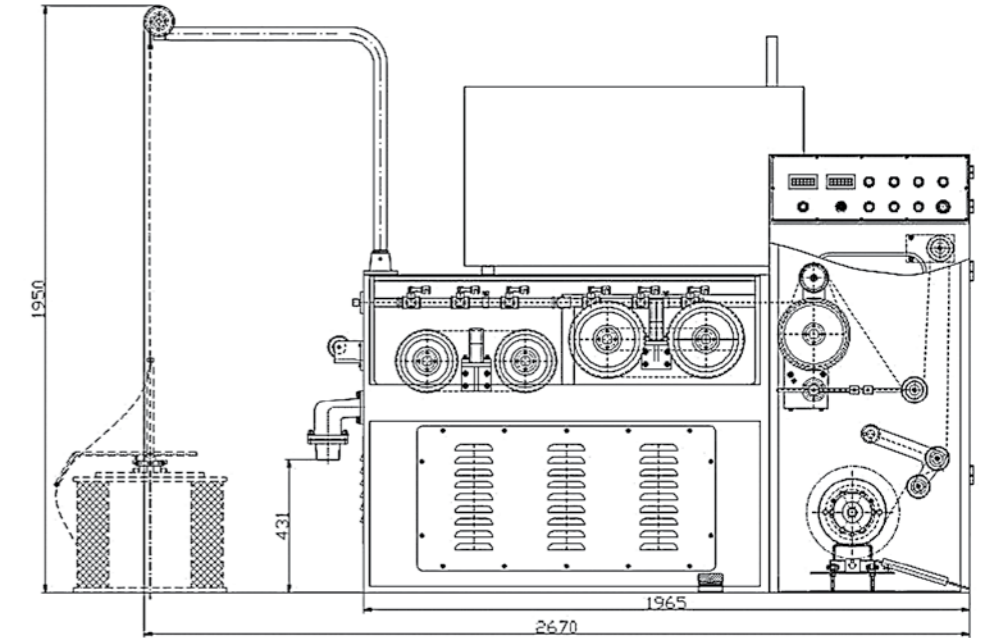
TYPE	24DHT - VG150	
Control system	नियंत्रण प्रणाली	Digital readout
power control	उर्जा नियंत्रण	Dual-Inverter
wire inlet dia	प्रवेशिका तार साईज	Ø0.5-Ø1.2mm
wire finished dia	तार साईज	Ø0.1-Ø0.32mm
max wire speed	अधिकतम गती	2000M/min
max dies no	सांचों की अधिकतम संख्या	24
transmission type	प्रसार विधि	Advanced Flat Belt Drive
Mechanical elongation	यांत्रिक खिंचाव	13%+8.7%
capstan	कैपस्टन	Ceramic Plasma
construction of the machine body	संरचना	Steel plate welded, vertical four shafts
capston dia (max)	अधिकतम कैपस्टन साईज	Ø242mm
fix speed capston dia	स्थिर गती कैपस्टन साईज	Ø206mm
spool bobbin size	रील साईज	Ø300xØ215x270mm
bobbin loading :& unloading type	रील भरने/खाली करने की विधि	Expansion shaft or single shaft cone (optional)
max loading capacity	अधिकतम भरन क्षमता	50Kg
traversing unit	रील भराव विधि	Synchronous motor and flat belt
main motor	मुख्य मोटर	11kw
spooler motor	रील मोटर	4kw
Correction system	संशोधन पद्धति	Automatic digital control of take-up
tension control	तनाव नियंत्रण	Weight Type Tension Pulley
Lubrication type	लुब्रिकेशन प्रकार	Spray type
Brake	ब्रेक	Magnetic Brake
Lubrication type for bearing	बियरिंग का लुब्रिकेशन प्रकार	Without Oil
Annealing control	अनीलिंग नियंत्रण	4 Pole Dc Current Output
Annealing capacity	अनीलिंग क्षमता	21Kva
Annealing voltage	अनीलिंग वोल्टेज	0-57V
Annealing current	अनीलिंग करंट	300A
Connect load	कुल उर्जा	15Kw+21Kva
power source	उर्जा स्रोत	415V/50Hz
Steam consumption	भाप खपत	6-9Kg/H 0.2-0.3Mpa(26Kw)
cooling water consumption	ठंडे पानी की खपत	4-8M/H, 0.2-0.25Mpa
air consumption	भाप खपत	15-25m <sup>3</sup> /H 0.4-0.6Mpa
Lubricant capacity	लुब्रिकेशन क्षमता	>50Lmin
machine dimension	मशीन आयाम	4.7 x 2.5 x 2.3M
Gross weight	कुल वजन	3000Kg

# Horizontal Fine Wire Drawing Machine

24DHA & 24DHB

## FEATURES:

- Automatic tension control by DC or dual inverter.
- Zero slip pilot design, high productivity; good quality finished wire.
- Low power consumption, a reduction of 20-25% compared to traditional type of machine.
- Reduces production costs.



## Technical parameter

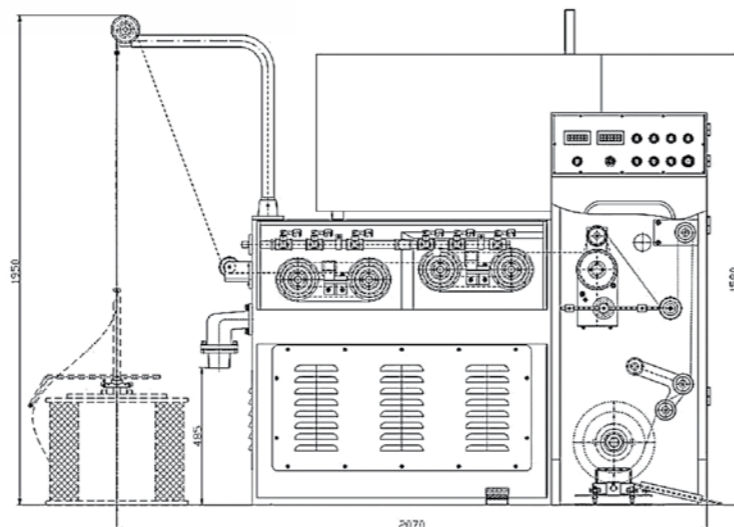
TYPE		24DHA	24DHB
Power control	उर्जा नियंत्रण	Dual-inverter	Dual-inverter
Input wire	प्रवेशिका तार साईज	Ø0.5-1.2mm	Ø 0.5-1.2mm
Output wire	तार साईज	Ø 0.08-0.32mm	Ø 0.08-0.32mm
Maximum line speed	अधिकतम गती	2500M/min	2500M/min
Maximum no of dies	सांचों की अधिकतम संख्या	24	24
Mechanical elongation	यांत्रिक खिचाव	15%+8.7%	13%+8.7%
Construction of the machine body	संरचना	Monoblock casting	Monoblock casting
Drawing capstan	खिचाव कैपस्टन	High quality ceramic	Ceramic plasma
Final capstan	अंतिम कैपस्टन	Ø206	Ø206
Take-up reel	खिचाव रील	Ø300xØ215x250	Ø300xØ215x250
Traverse unit	रील भराव विधी	Flat belt	Flat belt
Drawing /take-up motor	खिचाव मोटर	AC11kw/AC4kw	AC11kw/AC4kw
Drive	मोटर	Advanced flat belt drive	Advanced flat belt drive
Correction system	संशोधन पद्धति	Automatic digital control of take-up	Automatic digital control of take-up
Tension adjustment	तनाव नियंत्रण	Weight type tension pulley	Weight type tension pulley
Maximum copper load	अधिकतम तांबे का भार	50Kg	50Kg
Power supply	उर्जा	415V/50Hz	415V/50Hz
Lubricant capacity	लुब्रिकेशन क्षमता	40L/min	40L/min
Lubrication of wire drawing	लुब्रिकेशन तार का खिचाव	Spray type	Spray type
Brake	ब्रेक	Magnetic brake	Magnetic brake
Dimensions (lxwxh)	आयाम	2.67 x 1.6 x 1.95M	2.67 x 1.6 x 1.95M
Weight	कुल वजन	2000Kg	2000Kg

# Horizontal Super-Fine Wire Drawing Machine

SMD 120/24 & SMD100/24

## FEATURES:

- Automatic tension control by DC or dual inverter.
- Zero slip pilot design, high productivity; good quality finished wire.
- Low power consumption, a reduction of 20-25% compared to traditional type of machine.
- Reduces production costs.
- Widely use advanced parts and components to ensure high reliability.



## Technical parameter

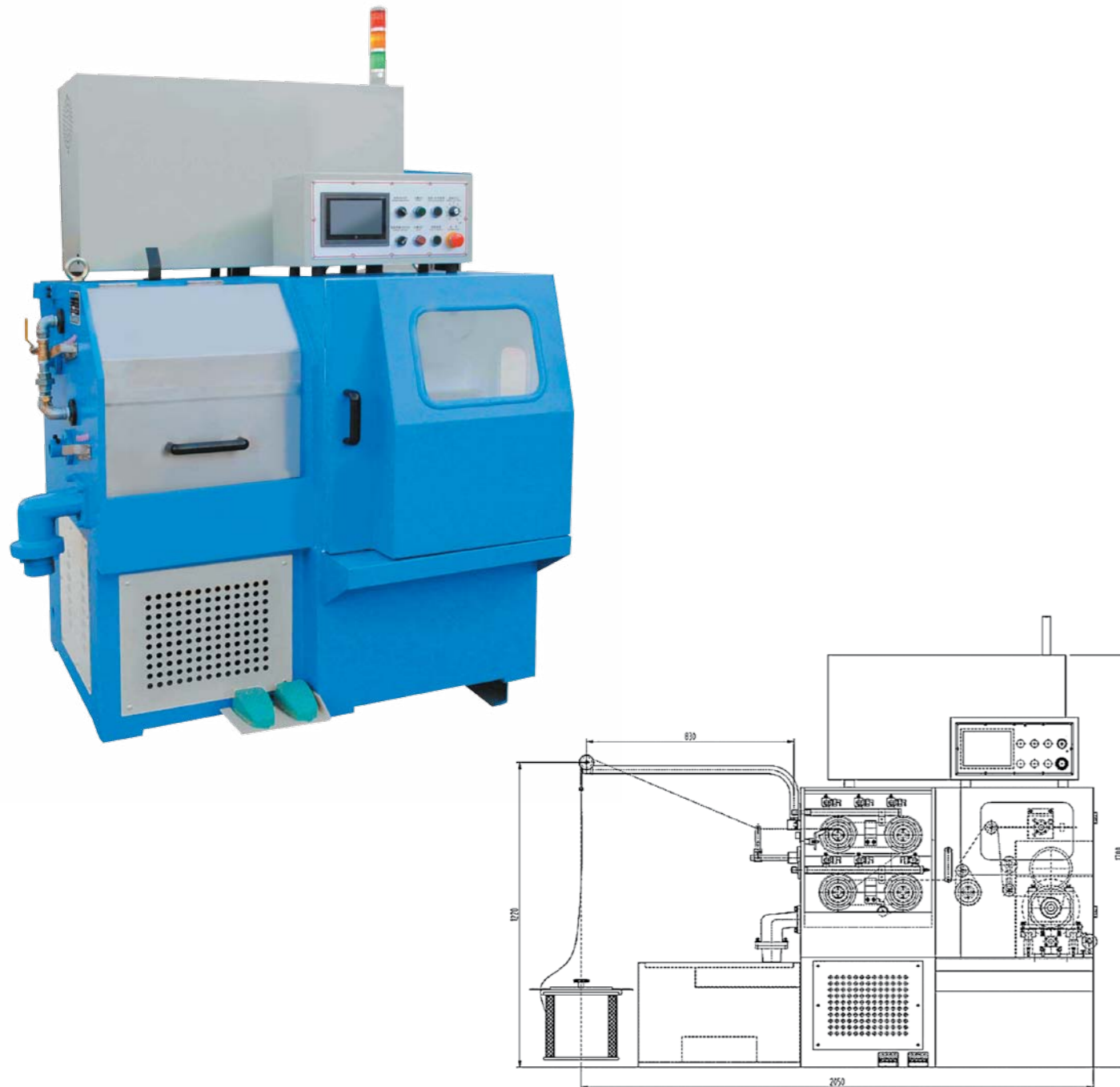
TYPE		SMD120/24	SMD100/24
Control system		Digital read out or LCD computer interface	Digital read out or LCD computer interface
Power control	उर्जा नियंत्रण	Dual-inverter	Dual-inverter
Wire inlet dia	प्रवेशिका तार साईज	Ø0.15-Ø0.45mm	Ø0.12-Ø0.35mm
Wire finished dia	तार साईज	Ø0.05-Ø0.12mm	Ø0.04-Ø0.10mm
Max wire speed	अधिकतम गती	2000M/min	2000M/min
Max dies no	साँचों की अधिकतम संख्या	24	24
Transmission type	प्रसार विधी	Advanced flat belt drive	Advanced flat belt drive
Mechanical elongation	यांत्रिक खिचाव	10%+7%	8%+7%
Capstan	कैपस्टन	Ceramic coated	Ceramic coated
Construction of the machine body	संरचना	One block casted, levelled four shafts	One block casted, levelled four shafts
Capston dia (max)	अधिकतम कैपस्टन साईज	Ø120mm	Ø100mm
Fix speed capston dia	स्थिर गती कैपस्टन साईज	Ø120mm	Ø100mm
Spool bobbin size	रील साईज	Ø250xØ215x216mm-80	Ø220xØ178x216mm-80
Bobbin loading & unloading type	रील भरने/ खाली करने की विधी	Single shaft cone	Single shaft cone
Max loading capacity	अधिकतम भरन क्षमता	25Kg	20Kg
Traversing unit	रील भराव विधी	Synchronous motor and flat belt	Synchronous motor and flat belt
Main motor	मुख्य मोटर	4kw	4kw
Spooler motor	रील मोटर	2.2kw	2.2kw
Correction system	संशोधन पद्धति	Automatic digital control of take-up	Automatic digital control of take-up
Tension control	तनाव नियंत्रण	Weight type tension pulley	Weight type tension pulley
Lubrication type	लुब्रिकेशन प्रकार	Spray type	Spray type
Brake	ब्रेक	Magnetic brake	Magnetic brake
Lubrication type for bearing	बयरिंग का लुब्रिकेशन प्रकार	Without oil	Without oil
Power source	उर्जा स्रोत	415V/50Hz	415V/50Hz
Lubricant capacity	लुब्रिकेशन क्षमता	30L/min	30L/min
Machine dimension	आयाम	2.6 x 1.55 x 1.6M	2.6 x 1.55 x 1.6M
Gross weight	कुल वजन	1500kg	1500kg

# Vertical Super-Fine Wire Drawing Machine

SMD 100/24A

## FEATURES:

- Automatic tension control by DC or dual inverter.
- Moveable reel traversing unit.
- Zero slip pilot design, high productivity, high quality finished wire.
- Lower power consumption: a reduction of 20-25% compared with the traditional type of machine, greatly reducing production costs.
- Widely use Advanced parts and components to ensure high reliability.



## Technical parameter

TYPE		SMD100/24
Control system	नियंत्रण प्रणाली	LCD computer interface
power control	उर्जा नियंत्रण	Dual Inverter
wire inlet dia	प्रवेशिका तार साईज	Ø0.08mm-Ø0.20mm
wire finished dia	तार साईज	Ø0.025mm-Ø0.06mm
max wire speed	अधिकतम गती	2000M/min
max no of dies	सांचों की अधिकतम संख्या	24
transmission type	प्रसार विधी	Advanced flat belt drive
Mechanical elongation	यांत्रिक खिचाव	8%+7%
capstan	कैपस्टन	Ceramic coated
construction of the machine body	संरचना	Steel plated welded, vertical four shafts interface
capstan dia (max)	अधिकतम कैपस्टन साईज	Ø100mm
fix speed capstan dia	स्थिर गती कैपस्टन साईज	Ø100mm
spool bobbin size	रील साईज	Ø190xØ157x198mm-Ø80
bobbin loading & unloading type	रील भरने/खाली करने की विधी	Single shaft cone
max loading capacity	अधिकतम भरन क्षमता	12KG
traversing unit	रील भराव विधी	Flat belt
main motor	मुख्य मोटर	4KW
spooler motor	रील मोटर	1.5KW
Correction system	संशोधन पद्धति	Automatic digital control of take-up
tension control	तनाव नियंत्रण	weight type tension pulley
Lubrication type	लुब्रिकेशन प्रकार	Spray type
Brake	ब्रेक	Magnetic brake
Lubrication type for bearing	बियरिंग का लुब्रिकेशन प्रकार	Without oil
power source	अनीलिंग नियंत्रण	415V/50Hz
Lubricant capacity	अनीलिंग क्षमता	20L/min
machine dimension	मशीन आयाम	2.25 x 1.06 x 1.70 M
Gross weight	कुल वजन	1500KG

## FEATURES:

- Evenly distributed temperature in the annealing furnace ensures effective energy saving.
- Simultaneous processing of a variety of products.
- Double-layer take-up design, reduced floor space.

## MODELS AVAILABLE:

- Number of simultaneous lines: 40, 36, 32, 28, 24, 20 or 16.
- For wire size range: 0.6mm - 0.03mm (different models).

## Technical parameter of QDX40

TYPE		
Application	उपयोगिता	Annealing & Tinning of Copper Wire
Number Of Wires Processed	प्रवेशिका तार साईज़	40
Wire To Processed	तार साईज़	0.08-0.32 mm
Max Wire Speed	अधिकतम गती	300 mts./min
Pay - Off	पे ऑफ	Curl Flyer Or Constant Tension Pay-Off
Tinning Mode	टिनिंग विधी	Single/ Double furnace hot dip with dies
Pay-off bobbin size	भरन साईज़	Ø300 mm
Take-up Mode	भरन प्रणाली	Single bobbin torque take-up
Softening mode	मुलायम बनाने की प्रणाली	Tubular continuous annealing
Take-up bobbin size	रील भरन साईज़	PT10-PT25
Installed motion power	गती उर्जा	14kw
Installed heating power	तापन उर्जा	35kw
Total installed power	कुल उर्जा	49kw
Traversing unit	रील भराव विधी	Casting block gear traverse
Machine dimension (LxWxH)	मशीन आयाम	20 x 1.6 x 2.2M
Gross weight	कुल वज़न	4500 kg



# WIRE DRAWING MACHINES



  
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MACHINES

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