

Velocity Engineers Private Limited



Add: B 49/1, Industries Area, SITE IV, Sahibabad Industrial Area, Ghaziabad, Uttar Pradesh- 201010

Tel : +91-011-43503165 Mobile Phone : +91-9999313315
E-mail : Info@velocityengineers.com

Specification for VE-26 DW

High Speed Fine Wire Drawing

Machine



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VE- 26 DW High Speed Fine Wire Drawing Machine

S.No	Name	Model	Qty	Unit Price	Total Price
1	VE 26 DW Fine Wire Drawing Machine	VE-26DW	1	7,25,000	-

Doesn't Include:

Dies Set
Water Tank and Pump
Lubricant

Bank Details	
Account Holder Name	VELOCITY ENGINEERS PVT LTD
Account Number	164905000295
IFSC	ICIC0001649
Account Type	Current
Bank	ICICI BANK LTD
BRANCH	PREET VIHAR, DELHI

Payment Milestone

- 100% Amount Before Delivery

Terms and Conditions

- Price above is Ex-Works Delhi, Freight is extra.

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VE- 26 DW High Speed Fine Wire Drawing Machine

Main Technical Parameter

Inlet Size	Φ0.6 ~ 1 mm
Outlet	Φ0.1 mm
Fixed Speed Diameter	Φ208 mm
Drawing dies NO	Max 26
Drawing slip ratio	1.15
Max drawing speed	2500M/MIN
Main motor	15 KW (AC)
Take-up spool	Φ300*Φ217*290mm (50KG)
Take-up motor	4KW (AC)
Total power installation	23KW

Machine Consist

1. Overhead pay-off 1sets
2. Main drawing machine 1 set

(Technical document) operation manual 1 set.

Including technical parameter, machines operations, machine structure, drawing dies formula, foundation drawings (including water power air drawings), error removing method, machine maintenance, electrical diagram, inverter manual.

Machine Details and Usage

Main Machine :

1. Machine structure

1.1 Material : HT200

1.2 Structure: Machine body is iron cast, with annealing treatment, eliminate internal stress and with precision boring machine processing.

2. Inlet

2.1 Inlet position: On the left of machine, 5 inlet holes.

2.2 water collection parts at the below of inlet part.

2.3 Inlet hole device: Ceramic eyes.

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3. Axis

3.1 Material : 42CrMo+40Cr

3.2 Precision tempered, ensuring removing the inner force, enhance the hardness of parts.

4. Transmission parts

Adopting NSK or SKF bearings, transmission parts with timing belts and flat belts.

5. Drawing drum

5.1 Adopting ceramic drum, 13 layers 4 pcs, last drawing drum 1 pcs, drums in horizontal, easy inserting wires.

5.2 Drawing drum fixed by conical screw, easy loading and unloading.

6. Die base

6.1 first drawing die is in single place.

6.2 from 2nd to 25th is cast parts, easy inserting wires.

6.3 drawing die base can be adjustable.

7. Lubricant

7.1 spraying oil over drum and drawing dies, spraying pipes adjustable.

7.2 1st and last one adopting single spraying pipe.

8. Drawing Part

drawing parts with SS covers, easy opening.

Tension and Take-up

1. Tension part

1.1 Type: Balance arm.

1.2 Guiding wheel: Ceramic aluminum wheel.

1.3 Tension monitoring: Precision indicating.

1.4 wire breaking monitoring: approaching switches.

2. Take-up

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Use expansion shaft to fix the spoolers, with spools loading and unloading parts.

2.1 Main Technical Parameter

Take-up Range:	Φ0.1mm (based on main drawing wires).
Max take-up speed	2500 m/min according to main drawing speed
Take-up motor	4KW (AC)
Spools size	Φ300*Φ217*290mm (50KG steel spool) (or according to client sizes)

2.2 full seal covers, with checking windows, to watching condition

2.3 Tool to load and unload spool

Technical Parameter

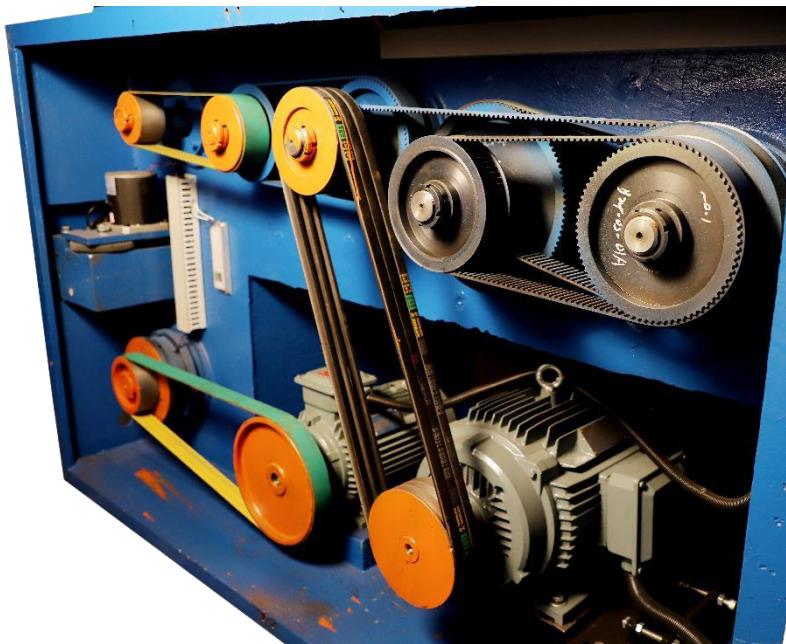
Power Control	Dual Inverter Control
Equipment structure	horizontal arrangement of drawing wheel
Max. Die. NO.	26
Inlet Dia.	Φ0.6 — Φ1mm
Outlet Dia.	Φ0.1 mm
Max Line Speed	MAX2500m/min
Area Reduction Ratio of Machine	13%
Area Reduction Ratio of Fix Capstan	8%
Frame Structure	Casting
Drawing Capstan	Surface sprayed ceramics
Main Motor Power	15KW
Take up Motor Power	4 KW
Max Capstan Dia.	Φ242mm
Fix Capstan Dia.	Φ206mm
Take Up Bobbin Size	Φ300mm
Take Up Shaft Type	Expansion shaft
Traversing Type	Synchronous Motor + Belt

Transmission Type	By (Timing + Flat belt)
Take speed Control	By PID
Tension Control	Weight Balance Type
Maximum load	50KG
Lubrication Type	Spray Type
Brake	20KG Magnetic Brake
Voltage	415V 50HZ
Lubrication consumption	60 L/min
Machine weight	2000KG

VE-28 DW Main Parts Brands

No	Name	Brand	Original
1	Main bearing	Nsk and skf	Japan and sweden
2	Inverter	Yaskawa	Japan
3	Main motor	Wn motor	Anhui
4	Air switch	Shilin	Taiwan
5	Buttons and relays	Schneider	France
6	Approaching switch	Tend	Taiwan





Tap to see video