



**Indian make**

# JP Engineering Services



# ENGINEERING NEXT LEVEL SOLUTION

[www.jpengggroup.com](http://www.jpengggroup.com)





**JP2K**

**I  
N  
D  
E  
X**

# JP Engineering services

- Bar Bending Machine
- Bar Cutting Machine
- Internal Electric High Frequency Vibrator Poker
- Internal High Frequency Vibrator with Built in Converter
- High Frequency and low voltage converters
- Walk Behind Roller
- Ride on Roller
- Stirrup Bending machine
- Reversible plate compactor
- Tamping Rammer
- TMT Spiral bending machine
- Road Concrete Cutter
- Bar threading machine
- Electric Vibrator
- Vibrator Nozzle
- Portable Electric Dingo
- Rebar Decoiling Machine
- Monkey Lift Machine
- Multi-Functional material Hoist

# Bar Bending Machine



- **A Bar Bending Machine** is a piece of equipment used in construction and manufacturing to bend metal bars, typically reinforcing bars (rebar) used in concrete structures. These machines are essential for shaping rebar to specific angles and curves as required in various construction projects, such as buildings, bridges, and other infrastructures.
- **Bar bending machine** have a bending capacity are maximum size and type of steel bars that the machine can bend. Machines may have different capacities depending on the diameter and grade of the steel bar
- Bar bending machine can be either manual or automatic.
- **JP Engineering Services** provide machines with faster bending speeds can increase efficiency on construction sites.
- Easy to use.

# Bar Bending Machine

## TECHNICAL DATA

Model	RPM Per Min.	ΦMax.60 KG. /mm	No. of Bars	Motor KW (HP)	Dimension (MM)	Weight (KG)	Max. Bend Radius	Bush Size (MM)
JPB 42	10	Φ32	1	3.7(5)	680x905x1040	280	4D of Φ25	Φ60, Φ70, Φ100
		Φ 20	1				3D of Φ25	
		Φ 12	3					
JPB 52	10	Φ 36	1	3.7(5)	815x1100x1070	367	5D of Φ32	Φ60, Φ70, Φ100, Φ120, Φ160
		Φ 22	1				4D of Φ36	
		Φ 16	3					
JPB 55	6	Φ 42	1	5.5(7.5)	925x1210x1200	545	6D of Φ36	Φ60, Φ70, Φ100, Φ120, Φ160, Φ220, Φ320 Optional
		Φ 30	1				5D of Φ42	
		Φ 22	2				8D of Φ40 Optional	



# Bar Cutting Machine



- These Machines are commonly used in projects Where Reinforced concrete structures are being built, such as buildings bridges, dams, and highways.
- **Bar Cutting Machine** typically feature cutting blades specifically designed for cutting steel bars these blades are capable of cutting through Various thicknesses of steel bars, depending on the machine's specifications.
- This work house knows no stop as it can be effectively put to use for a constant round the clock production.
- **Bar Cutting Machine** come with different cutting capacities, ranging from small diameter to larger ones. They can handle various sizes of rebars commonly used in construction projects.
- **Bar cutting machine** employ different cutting mechanisms such as hydraulic, mechanical or electric.
- **JP Engineering Services** provides Bar cutting machine have include features such as PFR Relay protective guards to prevent accidents and ensure operator safety.

# Bar Cutting Machine

## TECHNICAL DATA

MODEL	STROKE PER MIN.	Φ Max. 60 KG / MM	NO OF BARS	MOTOR Kw (HP)	DIMENSIONS (MM)	WEIGHT (KG)
JPC 42	87	Φ 32	1	3.7 (5)	540x1060x885	421
		Φ 20	1			
		Φ 12	3			
JPC 52	59	Φ 36	1	3.7 (5)	745x1180x1015	580
		Φ 22	1			
		Φ 16	3			
JPC 55	63	Φ 42	1	5.5 (7.5)	775x1290x1100	875
		Φ 30	1			
		Φ 22	2			



# Internal Electric High Frequency Vibrators poker



- **Electric High Frequency Internal Vibrators** Consist of a concrete consolidation unit called vibrator head, 10 meters of electric cable and of 5 meters internally reinforced operating hose the high centrifugal force is generated by a high frequency electric motor integrated in the vibrator head.
- **JP Engineering Services** provide high frequency electric vibrators for concrete consolidation advantages by consistent speed, remarkable, high frequency.

## TECHNICAL DATA

MODEL	CF N	DIAMETER (MM)	RATED CURRENT (A)	RATED POWER [42 V]	ACTION DIAMETER CM	NOISE LEVEL dbA	COMPACTION POWER m <sup>3</sup> / h
VX 38	1700	38	8	8	45	70	UP TO 20
VX 50	3080	50	11	10.5	60	76	UP TO 30
VX 59	4560	58	12	15	80	76	UP TO 35
VP 65	7330	65	24	22	110	79	UP TO 40
VP 75	6500	75	14	18	100	78	UP TO 45

# Internal High Frequency Vibrators with built - in - converters



## TECHNICAL DATA

MODEL	CF	RATED CURRENT	RATED POWER [230 V]	ACTION DIAMT.	AMPLITUDE	NOISE LEVEL	COMPACTION POWER	HEAD DIAMT.	HEAD LENGTH	HEAD WEIGHT	TOTAL WEIGHT
	N	A	KW	CM	MM	DB A	M3/H	MM	MM	KG	KG
EWO 38C	1700	1.5	0.5	45	1.8	70	20	38	404	2.4	14.5
EWO 50C	3760	2.7	0.9	70	2.1	76	40	50	468	5.2	20
EWO 59C	5640	3.0	1.1	90	2.4	79	45	59	499	8.2	22.8
EWO 65C	7330	4.5	1.3	110	2.6	79	50	65	484	9.4	24.8
MODEL		INPUT VOLTAGE			INPUT FREQUENCY			INPUT AMPERE			
Converter 230		230 ± 10% 1ph			50/60 Hz			5.5 A			
Converter 115		115 ± 10% 1ph			50/60 Hz			11.0 A			

- EWO Electric High frequency vibrators, which are directly connected with the mains supply at 230 V, 50/60 Hz, consist of a tractor unit called vibrator head, 10 meters of electric cable and of 5 meters internally reinforced operating hose.

# Walk Behind Roller



- JP Engineering Services which is engaged in presenting a walk behind double drum vibratory roller is modern compact design for use in a wide range of compaction application. Hydraulic with integrated travel eases the operating efforts required for movement.

## Advantages

- Equipped with brand name power, superior performance, easy to start.
- Operating radius is small, in an extremely narrow area operation.
- Use of domestic brand name hydraulic pumps motor before and after road, easy to operate.
- Infinity variable speed control.
- Water sprinkler system drum scrapper.
- High Gradient Capacity.

## TECHNICAL DATA

MODEL	ENGINE BRAND	ENGINE MODEL	ENGINE TYPE	DRIVE MODEL	WALKING MODEL	VIBRATORY CLUTCH METHOD	CENTRIFUGAL FORCE
JP 600	GREAVES DIESEL ENGINE	1510 ELECTRIC START/186 ELECTRIC START	AIR COOL DIESEL/ GASOLINE	MECHANICAL DRIVE	FORWARD AND BACKWARD	AUTOMATIC	25KN

MODEL	ROTATING SPEED	LUBRICATING OIL	FUEL CAPACITY	STATIC LOAD	VIBRATION FREQUENCY	POWER	AREA OF COMPACTION	NOMINAL AMPLITUDE	THEPRATICAL CLIMBING ABILITY	HYDROLIC OIL TANK CAPACITY	WATER TANK CAPACITY	WATERING SYSTEM	WHEEL SIZE	PACKING SIZE	WEIGHT
JP600	2200-3000 RPM	36 NO. HYDRAULIC OIL	6LTR - 8LTR	45 N/C	5.76HP - 9HP	70 HZ	25000 sq.ft/ hr	0.6MM	30 %	18 LTR	35 LTR	GRAVITY SPRINKLE SYSTEM	600 *420*2 mm	1350*750*1150mm	660kgs

# Ride on Roller



- We are offering a wide assortment of hydrostatic roller which is designed for finish layers asphalt as well as granular sub base material in confined areas. Apart from this, this is ideal for parking lots, drive way and shoulder work. These products are offered to the clients at very affordable and reasonable rates with a committed period of time.

## TECHNICAL DATA

MODEL	WEIGHT	CAPACITY OF WATER TANK	CAPACITY OF OIL TANK	WALKING SPEED	TURNING RADIUS	STARTING WAY	DRIVE MODEL	WALKING MODEL	WHEEL SIZE
JP880	800KGS	35LTR	3.6 LTR	0-4 KM/H	2000 MM	ELECTRICAL STARTING	MECHANICAL	FORWARDING & BACK	750*φ560MM (FORWARD) 500*φ560MM (BACK)
JP1000	1000KGS	60LTR	19 LTR	0-5 KM/H	2500 MM	ELECTRICAL STARTING	HYDRAULIC	FORWARDING & BACK	800*φ560MM (FORWARD) 800*φ560MM (BACK)
MODEL	GRADE ABILITY	VIBRATION FREQUENCY	CENTRIFUGAL FORCE	PACKAGE SIZE	ENGINE	VIBRATING CLUTCH METHOD	ENGINE TYPE	FUEL CONSUMPTION	COMPACTION AREA
JP880	35KN (3.5TON)	70 HZ	30 %	2000*900*1400MM	DIESEL/ PETROL ENGINE	ELECTROMEGNATIC	GREAVES AIR COOL DIESEL	200G/KWH	40000sq Ft P/H
JP1000	50KN (5 TON)	70 HZ	30 %	1900*920*1500MM	IMPORTED DIESEL ENGINE	ELECTROMEGNATIC	GREAVES AIR COOL DIESEL	280G/KWH	50000sq Ft P/H

# Stirrup Bending Machine



## TECHNICAL DATA

MODEL	GF 20	GF 20D
BENDING RANGE (MM)	4-20	4-20
PRESENT ANGLE	90 / 135	90 / 135
WORKING SPEED	25-30 mm	25-30
ANGLE FEED	Manual	Auto
VOLTAGE	415 V	415 V
POWER	2.2 KW	2.2 KW
WEIGHT (KG)	95	105
DIMENSION (MM)	500 x 800 x 750	500 x 800 x 750

# Reversible Plate Compactor



**Reversible plate compactor**, on the other hand have a plate that can be moved and can be used in both forward and reverse directions. This allows them to be used in tight spaces and in situations where a forward plate compactor might not fit.

**JP Engineering Services** provide a reversible plate compactor for easy to reach located controls large shock mounts reduce vibration to handle.

## TECHNICAL DATA

MODEL	JP330
ENGINE	Petrol, Honda GX390
WEIGHT	20 KG
VIBRATING FREQUENCY	4810 kg
MAX TRAVEL SPEED	15 m/min
POWER	13 hp / 9.kw
CENTRIFUAL	38Kn
PLATE SIZE (L x W)	L 830 * W 640 mm

MODEL	JP330
WEIGHT	150 KG
MAX. VIBRATING DEPTH	300 MM
PLATE SIZE	L 700 x W 420 MM
CENTRIFUGAL FORCE	30 KN
GRADE ABILITY	$\leq 2^\circ$
WALK SPEED	6-16m/min
MOTOR	Y 112M-2, 4KW Motor

# Tamping Rammer


**JPR 100**

**JPR 100E**

## TECHNICAL DATA

MODEL	WEIGHT	DIMENSION	SHOE SIZE	IMPACT FORCE	JUMPING HEIGHT	FORWARD SPEED	MATERIAL	TYPE	ENGINE	MAX. OUTPUT	MAX. SPEED	FUEL TANK
	(KG)	(MM)	(MM)	(MM)	(MM)	(M/MIN)				KW(HP)	(RPM)	(L)
	JPR 100	90	L600 x W600 x H1000	L300 x W300	20	40-70	0-25	ALUMINIUM	ENGINE	HONDA /GREAVES	4.0(5.5)	3600
JPR 100E	100	L600 x W600 x H1000	L300 x W300	20	45-70	8-10	ALUMINIUM	ELECTRIC	ELECTRIC MOTOR 380 V/ 50 HZ	3	3600	-----

# TMT Spiral Bending Machine



## Technical Data

MODEL	JPH-32
BENDING REBAR DIAMETER	6MM-32MM
PLATE DIAMETER	360MM
BENDING SPEED	20R/MIN
MOTOR POWER	3.7KW
VOLTAGE	415V
MOTOR SPEED	1440R/MIN
WEIGHT	320KG
RING DIAMETER	14 MM: $\phi$ 500MM+ 16 MM: $\phi$ 600MM+ 18 MM: $\phi$ 700MM+ 20 MM: $\phi$ 800MM+ 22 MM: $\phi$ 900MM+ 25 MM: $\phi$ 1000MM+ 28 MM: $\phi$ 1200MM+

- **TMT Bar spiral bending machine** is purposely designed for the formation of spirals with maximum diameters of 6 to 32 mm.
- Extremely robust **TMT Bar spiral bending machines** produce spirals from 360 to 1200 mm diameter with rod size 6 to 32 mm.
- **JP Engineering services** specially design to spiral bending machine suitable for work and also land base piling work. We are connected with the prominent and trustworthy manufacturer of the market.

# Road Concrete Cutter



- A Road Concrete cutter machine, also known as a concrete cutter or asphalt cutter is a powerful tool used in construction to cut through concrete, asphalt, or other hard surfaces. It typically consists of a motorized engine, a rotating blade or wheel, and a handle for maneuvering. Road cutter machines come in various sizes and configurations from handheld models for similar jobs to larger-to-larger walks-behind or ride-on versions for more extensive projects.

## TECHNICAL DATA

MODEL	WEIGHT KG	DIMENSION MM	CUTTING WIDTH MM	MAX. CUTTING DEPTH MM	DEPTH ADJUSTMENT	DRIVING METHOD	DISK SIZE MM	ENGINE	ENGINE TYPE	ELECTRIC MOTOR HP	MAX OUTPUT KW(HP)	MAX SPEED (RPM)	WATER TANK CAPACITY L	FUEL TANK L	PACKAGE SIZE MM
JPS 18	154	L980 W610 H1020	5-8	180	HANDLE ROTATION	MANUAL PUSH	400- 500	AIR COOLED, 4CYCLE GASOLINE	HONDA GX390	----	9.6(13)	3600	30	6.5	980*610* 1020
JPS 40	280	L1600 X W800 X H1200	8-10	350	HANDLE ROTATION	MANUAL PUSH	800	----	----	25	----	2880	35	----	1700*750 *1250

# Scrap bar straightening machine



**The Scrap Bar straightening machine** is designed to straighten these bars, making them suitable for reuse or further processing. It typically consists of rollers or other mechanisms that apply pressure to the bar as it passes through the machine, gradually straightening it out. The straightening machine helps it to restore these bars to their original shape, making them easier to handle and process downstream. Adjustability, cost savings, straightening mechanism, quality improvement etc. is the benefit of this machine.

## TECHNICAL DATA

MODEL NO.	<b>GX6-14 mm</b>
SPEED OF WORKING	28m/min
MOTOR POWER	5.5+2.2kw
PACKING SIZE	1300x900x1300 MM
STRAIGHTNING DIAMETER	14MM
CUTTING SPACE	500-6000mm (can be longer)
NW/GW	400/720KGS

MODEL NO.	<b>GX6-25 mm</b>
SHORTEST PROCESSING	300MM
MOTOR POWER	15KW
DIMENSIONS	1400x1000x1350 mm
TOTAL WEIGHT	955 KG
FEED INLET	8
REDUCER MODEL	400

MODEL NO.	<b>GX10-14 mm</b>
SHORTEST PROCESSING	300MM
MOTOR POWER	15KW
DIMENSIONS	1400x1000x1350 mm
TOTAL WEIGHT	830KG
FEED INLET	8
REDUCER MODEL	400

# Bar Threading Machine



- **A Bar Threading Machine** is a specialized piece of equipment used to create threads on bars or rods, typically for use in construction, manufacturing, or mechanical applications. These threads allow for the connection of the bar to other components, often using nuts or couplers.
- **Threading Capacity:** The machine can handle various bar diameters, often ranging from small rods to large reinforcement bars(rebar).
- **Automatic Operation:** Many modern bar threading machines offer automatic feeding, threading, and cutting to improve efficiency.
- **Durability:** Built to withstand heavy-duty operations, especially when used for threading steel or other tough materials.
- **Precision:** Ensures accurate threading to maintain the integrity of the connection.

## TECHNICAL DATA

MODEL	SUITABLE BAR DIAMETER	THREAD PITCH	THREAD ANGLE	MOTOR	MAIN SHAFT SPEED	MAX. ROLLING LENGTH	PACKING	NW /GW
JP 600	16-40 mm	1.75, 2.0 2.5, 3.0	75 degrees Or 60 Degree, Helix angle	3 KW	40-62 r/min	100 mm	Iron frame and Cartoon Box	380 KG/ 420 KG

# Electrical vibrator



- A Poker vibrator consist of electric weight encased in a housing and may be driven by an electric or pneumatic motor or diesel engine. Poker diameters range from 25 to 75 mm. A poker vibrator is available in single phase as per requirement of customer.

## TECHNICAL DATA

MODEL	EV 21	EV 23	EV 31	EV 33
POWER	2 HP	2 HP	3 HP	3 HP
TYPE	COUPLING/PIN	COUPLING/PIN	COUPLING/PIN	COUPLING/PIN
RPM	2880 RPM	2880 RPM	2880 RPM	2880 RPM
FREQUENCY	50 HZ	50 HZ	50 HZ	50 HZ
VOLT	220	415	220	415

# Vibrator Nozzle



- Vibrators needles are the most commonly used concrete vibrators. It consists of a steel tube (with one end closed and rounded) having an eccentric vibrating element inside it. This steel tube called poker is connected to an electric motor or a diesel engine through a flexible tube. They are available in size varying from 25 to 75 mm diameter. The diameter of poker is decided from the consideration of the spacing between the reinforcing bars in the form work. The frequency of vibration varies up to 3000 RPM. However, range between 3000 to 6000 RPM is suggested as a desirable minimum with an acceleration.

## TECHNICAL DATA

MODEL	VBN 30MM	VBN 40MM	VBN 50MM	VBN 60MM
MAKE	REON	REON	REON	REON
TYPE	COUPLING/PIN	COUPLING/PIN	COUPLING/PIN	COUPLING/PIN
LENGTH	6 MTR.	6 MTR.	6 MTR.	6 MTR.

# Portable Electric Dingo



## TECHNICAL DATA

Model	Weight (KG)	Voltage (V)	Frequency (HZ)	Power (W)	Dimensions (LxWxH)
Dingo 230V	5.8	230 1-	50-60	2300W	354x244x229
Dingo 115V	5.8	115 1-	50-60	2300W	354x244x229

## JP HEADS

Model	Diameter (MM)	Length (MM)	Weight (KG)	Speed (R.P.M)	Performance
JP 25	25	285	0.8	14,000	10
JP 32	32	366	1.7	13,750	14
JP 40	40	335	2.2	13,500	17
JP 48	48	335	3.2	12,500	28
JP 58	58	344	4.5	12,000	35

## FLEXIBLE TRANSMISSION

Model	Length (M)	Weight (KG)
TDX 2 - TDXE 2	2	4
TDX 3 - TDXE 3	3	5
TDX 4 - TDXE 4	4	6
TDX 5 - TDXE 5	5	7



**JP2K**

# Rebar Decoiling Machine



## TECHNICAL DATA

MODEL	GTQ4-14
Straightening diameter	5-12 MM
Straightening diameter	40-45 M/MIN
Pre straightening Wheels	5 NOS
Straightening Wheels	8 PCS
Cutting space	900 MM
Error of cutting length	± 0.5 MM
Power	16 KW
weight	950 KG

# Monkey Lift Machine

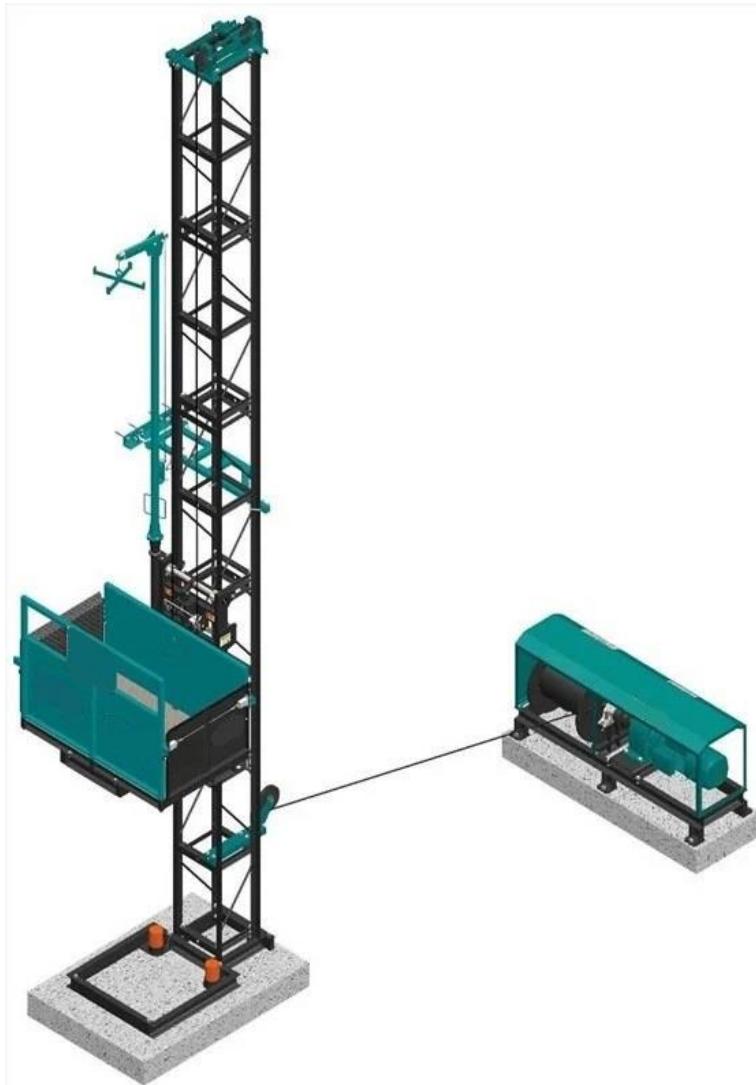


- Monkey Hoist (Heavy Duty)
- Make – JP2K
- Movement – 360 Degree
- Capacity – 500 KG (Approx)
- Frame size – 4 \* 8 Ft. (4 inch, 3inches)
- Boom Length – 8 Ft
- Height up to – 9 mtr
- Power – 7.5 HP Break Motor (Crompton, Kirloskar, ABB)
- Wire rope – Mahadev (10 MM)
- Boom Pipe – 32 mm dia
- Boom Pipe thickness – 3mm
- Pully Size – 6 inches with bearing bottom pipe size – 6 inches outer Dia
- Top pipe size – 6.5 inches Dia
- Top pipe thickness – 3mm
- Gear Box Operated 4 inches (30:1)
- Along with two trolley & relay-based panel for two stop overloading
- Overall – 600 KG (Approx weight)



JP2K

# Multi-Functional Material Hoist



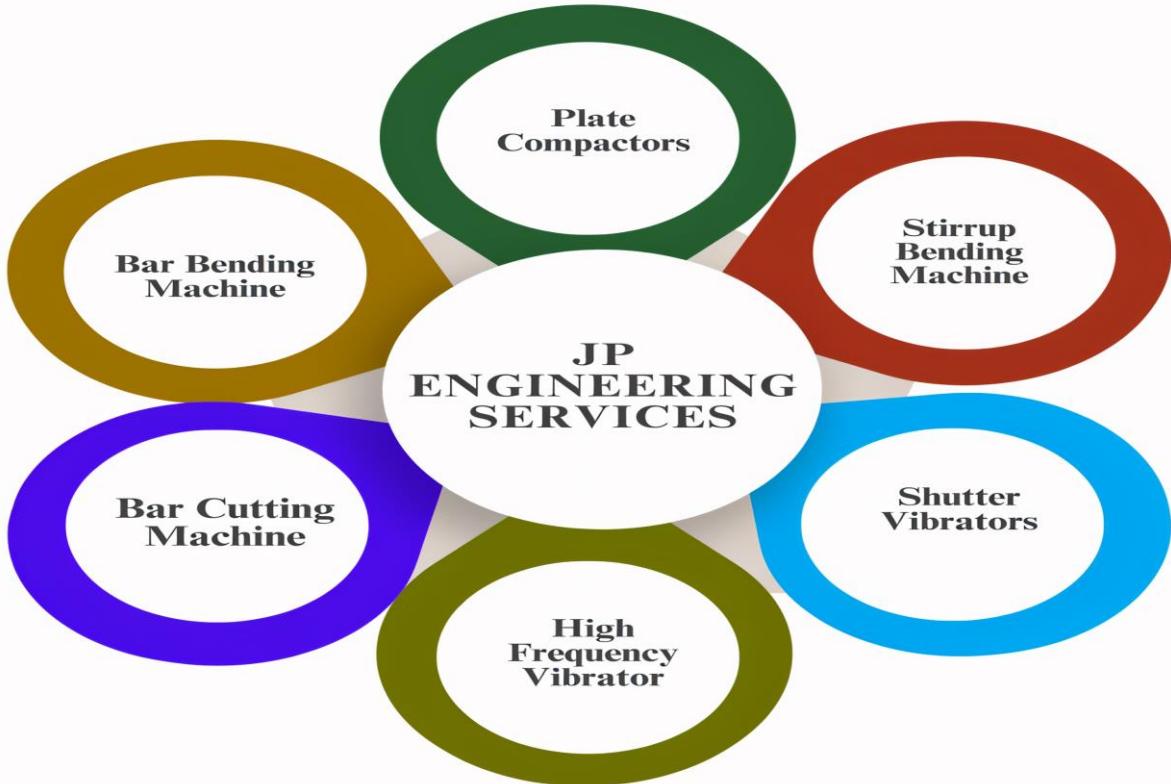
## TECHNICAL DATA

Model	STF 100
Gross Load	1000 KG
Net Load	750 KG
Wire rope	12 MM (6*19*OR 6*36)
Speed	30 mtr. /min.
Height	120 mtr
Motor capacity	12.5 HP(9.3KW) Brake motor
Mast Section	Square 500mm * 400mm*1.5mtr. L 50*50*6mm Angle
Wall Tie Interval	6 Mtr
	1.25(L) * 0.71(W)*0.6(H)Mtr

## SAFETY FEATURE

- Power fail safe brake motor
- Top limit
- Bottom limit
- Mechanical safety Brake
- Full covered wire rope drum
- Full covered electrical motor and gear box

- JP2K Tower Hoist Designed to offer the most efficient vertical transport solution on site and is delivered 1000 KG Gross capacity with 3 phase brake motor.
- It's robust and simple design makes it suitable for all vertical access, including direct to buildings for new construction or refurbishment work.
- Mechanical Safety braking of carriage shall be provided to cater **Wire Rope Failure**.



## WHY CHOOSE US

- **Reputation and Experience:** Look for companies with a solid reputation and a history of successfully completing projects similar to yours.
- **Capabilities and specialization:** Ensure the companies has necessary expertise and capabilities to handle your specific projects requirements.
- **Quality of works:** Assess the quality of their past work this can include visiting completed projects requirement.
- **Competitive pricing:** Look for a construction company that offers competitive pricing without compromising on quality



**JP2K**

# **Next level solution**

Manufacturing & Marketed By

**JP Engineering Services**

162, Somdutt Chamber II, BhikajiCama Place, New Delhi-110066

**Website - [www.jpengggroup.com](http://www.jpengggroup.com)      Phone - +91 9910684855, 7428999939**

We Support

