

HK INDUSTRIES

Minting Machinery Leader

Beyond Gold, innovating minting excellence

www.hkindustries.co.in

HK INDUSTRIES
Minting Machinery Leader



Raju Malvi
Owner

Founder's Vision to redefine global minting standards by engineering machines that combine precision, durability, and innovation. Our vision is to empower every mint, refinery, and bullion brand with technology that ensures excellence, trust, and long-term growth - beyond gold, beyond limits.

Established in 1997, HK Industries is a global leader in advanced minting and precious metal machinery. With decades of engineering excellence, we deliver end-to-end solutions for bullion, coin minting, and precision metal processing industries worldwide.

Our machines combine robust engineering, precision automation, and long-term reliability, empowering refineries, mints, and bullion brands to achieve superior output and consistency.

Our Reach



South Africa | Australia
England | USA | Thailand
Indonesia | Philippines
Sri Lanka | Nepal | United Kingdom
Netherlands | Italy | Belarus | Bulgaria
Poland | Saudi Arabia | Qatar
U.A.E | Kyrgyzstan

Our Clients

KALYAN JEWELLERS
MALABAR GOLD & DIAMONDS
TITAN
CARATLANE
KUNDAN
KALAMANDIR
Zaveri & co.
AURIS GOLD REFINERY
BHIMA
AUGMONT GOLD FOR ALL
Banjul Ltd
sam
EMERALD
Parker Precious Metals LLP
Hindustan GOLD
TORO BULLION
RSBL RIDDISIDDHI BULLIONS LTD.
ORO PRECIOUS METALS
ROYAL GHANA GOLD LTD.
CapsGold
GUJARAT GOLD CENTRE
EMIRATES GOLD
BANGALORE REFINERY
DARULDAHAB
YASH ORO Refined Bullion
SJS GOLD PVT. LTD.
M.D.OVERSEAS PVT. LTD.
LAPIS JEWELLERS
الغرير Al Ghurair
SIKKA WALA
SPMCIL
ABC AGROYA BULLION CORPORATION
THE SENTRAL MINT
Baird & Co.
aurum
CLASSIC GOLD GROUP
HOBART MINT
ABC REFINERY A PALLION COMPANY
SOVEREIGN METALS LIMITED
GOLD CREST
TRILOKESH
MENZGOLD GHANA

HYDRAULIC AUTO MINTING PRESS

Description:

Our latest automatic coin making machine is designed for fast and precise production of coins and bars in various shapes and sizes. Equipped with advanced technology, it ensures accurate shaping and finishing for exceptional results.



Features of Hydraulic Auto Minting Press

- Electric operating PLC-based control panel
- Multiple stroke with variable forces and die lifting
- Number of pieces embossed information display
- Touch screen menu navigation
- High/Low pressure system with indicator
- Heavy-duty machine structure
- Designed for easy operation



Technical Details:

Models from 100 to 200 Tons

AUTO SERIES

		HEPA 100	HEPA 150	HEPA 200
Max Working Thrust	Tons	100	150	200
Max Working Pressure	Bars	315	315	315
Useful Stroke:	mm	80	80	80
Working Speed	/min	9-10	9-10	8-9
Height Table Ram	mm	125	125	140
Bolster PL		360x345	440x410	468x458
Electric Motor	HP	3	5	7
Oil Tank Capacity	Ltr	85	120	100
Weight Approx:	Kg	1110	1570	1900

HYDRAULIC AUTO MINTING PRESS (Heavy Duty Series)

Description:

Our latest automatic coin making machine is designed for fast and precise production of coins and bars in various shapes and sizes. Equipped with advanced technology, it ensures accurate shaping and finishing for exceptional results.



Features of Hydraulic Auto Minting Press

- Electric operating PLC-based control panel
- Multiple stroke with variable forces and die lifting
- Number of pieces embossed information display
- Touch screen menu navigation
- High/Low pressure system with indicator
- Heavy-duty machine structure
- Designed for easy operation

Technical Details:

Models from 250 to 450 Tons

HEAVY DUTY AUTO SERIES

		HEPA 250	HEPA 300	HEPA 350	HEPA 450
Max Working Thrust	Tons	250	300	350	450
Max Working Pressure	Bars	315	315	315	315
Useful Stroke:	mm	80	80	100	100
Working Speed	/min	8-9	7-8	7-8	5-6
Height Table Ram	mm	150	150	150	160
Bolster PL		540x518	630x558	700x600	750x655
Electric Motor	HP	7	10	10	15
Oil Tank Capacity	Ltr	150	200	200	250
Weight Approx:	Kg	2510	3200	4350	4600

HYDRAULIC MANUAL MINTING PRESS

Description:

Robust hydraulic manual minting press designed for precise and controlled minting of gold and silver coins and bars. Ideal for small to medium production with consistent pressure and dependable performance.



Features of Hydraulic Auto Minting Press

- Manual Hydraulic Operation
- Heavy-Duty Structure for Stable Performance
- High Embossing Force for Clear Impressions
- Simple and Safe Operation
- Low Maintenance and Long Service Life



Technical Details:

MANUAL SERIES

Models from 60 to 200 Tons

		HEP 60	HEP 100	HEP 150	HEP 200
Max Working Thrust	Tons	60	100	150	200
Max Working Pressure	Bars	315	315	315	315
Useful Stroke:	mm	50	50	50	70
Working Speed	/min	11-12	9-10	9-10	8-9
Height Table Ram	mm	100	125	125	140
Bolster PL		300x290	360x345	440x410	468x458
Electric Motor	HP	5	3	5	7
Oil Tank Capacity	Ltr	40	60	80	100
Weight Approx:	Kg	590	915	1425	1630

HYDRAULIC MANUAL MINTING PRESS (Heavy Duty Series)



Description:

Heavy-duty hydraulic manual minting press built for high-tonnage applications, delivering consistent pressure and precise minting. Ideal for reliable production of gold and silver coins and bars up to 1 kg, with long-lasting performance.

Features of Hydraulic Auto Minting Press

- Heavy Duty Construction for High-Force Applications
- Manual Hydraulic Operation with Controlled Pressure
- Suitable for Gold & Silver Coins and Bars up to 1 Kg
- Clear, Sharp & Uniform Embossing
- Stable Operation with Low Maintenance
- Designed for Long Working Hours



Technical Details:

HEAVY DUTY MANUAL SERIES

Models from 250 to 450 Tons

		HEP 250	HEP 300	HEP 350	HEP 450
Max Working Thrust	Tons	250	300	350	450
Max Working Pressure	Bars	315	315	315	315
Useful Stroke:	mm	80	80	80	100
Working Speed	/min	8-9	7-8	7-8	5-6
Height Table Ram	mm	150	150	150	160
Bolster PL		540x518	630x558	700x600	750x655
Electric Motor	HP	7	10	10	15
Oil Tank Capacity	Ltr	150	200	200	250
Weight Approx:	Kg	2250	2950	4200	4400

HYDRAULIC DIE CUTTING PRESS PLC BASED

Description:

Designed for Jewelry progressive design production for cutting & embossing together in a single form dies.



Features of High Speed Die Cutting

- Faster production
- Counting System
- Low Level Micro pressure setter
- Easy Stroke Adjustment
- Die Fitting Adjustment system with Easy deposit Drawer
- Cutting Adjustment for faster production
- Multiple stroke with variable forces and die lifting.
- Holding timer.
- With handcut sensor.





Technical Details:

		HSCP 3	HSCP 5
Max Working Thrust	Tons	3	5
Max Working Pressure	Bars	150	150
Useful Stroke	mm	80	80
Working Speed	/min	25-30	20-25
Bolster PL	mm		400x300
Electric Motor	HP	2	3
Oil Tank Capacity	Ltr	20	20
Weight Approx	Kg	215	260

HYDRAULIC DIE CUTTING PRESS PLC BASED

Description:

Designed for Jewellery progressive design production for cutting & embossing together in a single form dies.



Features of High Speed Die Cutting

- Faster production
- Counting System
- Low Level Micro pressure setter
- Easy Stroke Adjustment
- Die Fitting Adjustment system with Easy deposit Drawer
- Cutting Adjustment for faster production
- Multiple stroke with variable forces and die lifting.
- Holding timer.
- With handcut sensor.

Technical Details:

		HSCP 10	HSCP 20	HSCP 40
Max Working Thrust	Tons	10	20	40
Max Working Pressure	Bar	200	200	200
Useful Stroke	mm	80	80	100
Working Speed	/min	30-40	20-33	16-26
Bolster PL	mm	350x250	420x370	510x450
Electric Motor	HP	2	3	5
Oil Tank Capacity	Ltr	20	30	60
Weight Approx	Kg	280	325	375

HYDRAULIC STAMPING & CUTTING MULTIPURPOSE

Description:

These Small hydraulic machine is designed for Jewellry production unit addling out with multiple usage benefits for production like.



Feature of HYDRAULIC STAMPING PRESS

- Bangles sizing.
- Melted gold & silver ingot stamping.
- Hallmarking signs.
- Gold & Silver bar cutting.
- Paper impression and signs.
- Pendant etc.







Technical Details:

		HSP 15	HSP 25
Max Working Thrust	Tons	15	25
Max Working Pressure	Bars	200	200
Useful Stroke	mm	50	75
Working Speed Stroke	/min	6-8	5-7
Bolster PL	mm	350x155	215x130
Electric Motor	HP	1.5	2
Oil Tank Capacity	Ltr	7	20
Weight Approx	Kg	182	320

HYDRAULIC STAMPING & CUTTING MULTIPURPOSE





Technical Details:

		HSP 40	HSP 70
Max Working Thrust	Tons	40	70
Max Working Pressure	Bar	315	315
Useful Stroke	mm	75	150
Working Speed Stroke	/min	5-7	4-6
Bolster PL	mm	260x160	320x200
Electric Motor	HP	3	5
Oil Tank Capacity	Ltr	45	50
Weight Approx	Kg	415	720

HYDRAULIC COIN BLANKING MACHINE

Description:

These Hydraulic Cutting Press Cuts the Gold/Silver blanks which is processed after rolling. Blank Sheet is cut out into desired shapes (round, rectangular, pendant shapes and etc)
providing through cutting dies process after
which blanks are ready to be minted into hydraulic stamping press.



Features of Hydraulic Coin Blanking Machine

- Ideal for Gold & Silver blanks cutting
- Cut the blanks in clear edges for better results.
- Hassle free operating & Dual Mode Operating - Foot & switch
- Stopper System for continous cutting



Technical Details:

		HSCP 12
Max Working Thrust	Tons	12
Max Working Pressure	Bars	200
Useful Stroke	mm	75
Working Speed Stroke	/min	12-14
Oil Tank Capacity	Ltr	35Ltr
Over all weight	Kg	475
Electric Motor	HP	3 HP (440/V)

HYDRAULIC CUTTING PRESS MACHINE

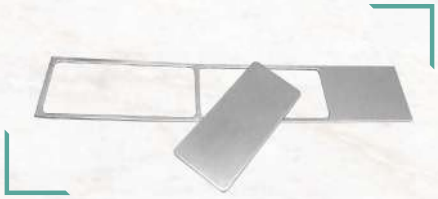
Description:

Heavy-duty hydraulic manual minting press built for high-tonnage applications, delivering consistent pressure and precise minting. Ideal for reliable production of gold and silver coins and bars up to 1 kg, with long-lasting performance.



Features of Hydraulic Auto Minting Press

- Heavy Duty Construction for High-Force Applications
- Manual Hydraulic Operation with Controlled Pressure
- Suitable for Gold & Silver Coins and Bars up to 1 Kg
- Clear, Sharp & Uniform Embossing
- Stable Operation with Low Maintenance
- Designed for Long Working Hours



Technical Details:

		HSCP 75
Max Working Thrust	Tons	75
Useful Stroke	mm	125
Working Speed	/min	15-16
Electric Motor	HP	5
Oil Tank Capacity	Ltr	50
Weight Approx	Kg	780

GOLD WIRE DRAWING MACHINE

Description:

Our machine delivers excellent performance and requires minimal maintenance over the long term.

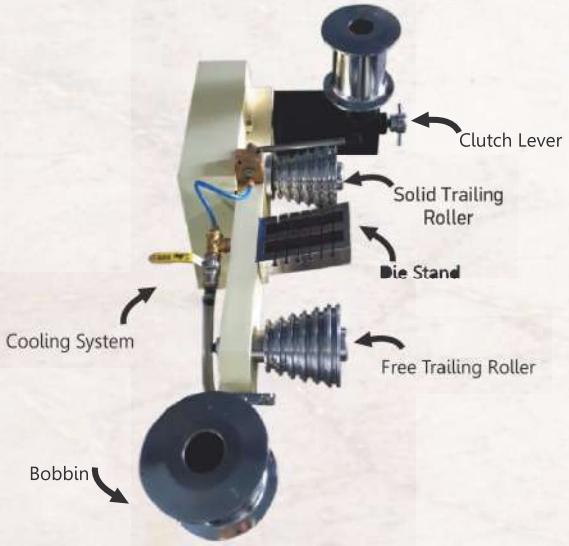
Utilizing a belt drive reduces the risk of wire breakage in the machine.

The trailing roller in this machine is made of HCHC material, ensuring long-term durability without damage.





Technical Details:



Wire Passage	6WD	12WD
Main Motor	2 HP	3 HP
Cooling Motor	0.25 HP	0.25 HP
Max. WIre Dia (Gauge / mm)	18/1.22	10/1.29
Min. Wire Dia (Gauge / mm)	36/0.91	36/0.91
Weight	330Kg	370Kg
Machines Dimension :		
Length	1100 mm	1371 mm
Depth	630 mm	1016 mm
Height	1200 mm	1117 mm

SILVER BAR CUTTING MACHINE

Description:

Heavy-duty hydraulic silver bar cutting machine designed for high-pressure industrial applications, delivering accurate and smooth cutting performance. Built for continuous operation with minimal material loss, ensuring efficient production and long-lasting durability. Ideal for precision silver bar cutting with stable and reliable working capability.



Features of Silver Bar Cutting

- Accurate silver bar cutting
- Long-life cutting blades
- Easy to operate controls
- Clean cut without material loss
- Smooth blade movement
- Continuous working capability





Technical Details:

		HCP 80
Max Working Thrust	Tons	80
Working Area	mm	L170xH140
Working Speed	/min	4-5
Electric Motor	HP	5 (3Phase)
Oil Tank Capacity	Ltr	55
Weight Approx:	Kg	740

DOT PIN MARKING MACHINE

Description:

The Dot Pin Marking Machine is a robust and precise marking solution designed for permanent identification and marking on metal and industrial components. Using controlled pin impact technology, this machine produces clear, accurate, and durable markings with consistent depth and quality.



Features of Dot Pin Marking Machine:

- Name Plate Automobile Components
- Gold & Silver Casted Bars
- Heavy Engineering
- Pharmaceutical
- Aero Space & Defence
- Fabrication Engineering
- Submersible Pumps & Motors Valves Bearings
- Lock & Key and Many more.

Technical Details:

Marking Area - 6 x 4 Inch (150x100mm)
Pin Material - Carbide
Air Pressure - 5 to 6 Bar
Display - 7 Touch Screen Controller System
Making depth - Up to 10mm
Power Supply - 240V
With compressor inbuilt
Machine Weight Approx - 75Kg
Table to Pin Height - Max



TURBO POLISHER MACHINE

Description:

Turbo Polishing Machine is used for high polish on jewelry. Turbo Machine that is based on vibration System is transmitted to a PU lined M.S. bowl. Turbo Machine comes with Automated frequency & Box controller. Bowl is made of polyurethane lined M.S. body, adjustable speed, frequency control and is equipped with Dosing pump & speed variable for better results.



Features of Turbo Polisher

- Sound less
- Speed Variable
- Dosing Pump with variable speed
- Water drainage System include
- Polyurethane Lined Bowl
- Auto cutoff

Technical Details:

Capacity	20 Ltr.	30 Ltr.
Power Supply	230v Ac single phase	230v Ac single phase
Power Consumption	1 KW.	1.6 KW.
Material	M.S. Body	M.S. Body
Bowl Material	P.U Lined	P.U Lined
Timer	Up to 999 min.	Up to 999 min.
Bowl Dimension	16"x 8"	20"x 9"
Dimensions	35"X 20"	35"X 25"
Weight	150 Kg. (approx.)	235 Kg. (approx.)

SHEET ROLLING MACHINE - Gear Box Drive

Description:

HK Strip Rolling Machines are specially designed for the minting industry, delivering high-precision rolling for gold and silver coin and bar production. Built for accuracy, durability, and continuous operation, they ensure uniform sheet thickness with an excellent surface finish.

The machine features a heavy-duty frame with spheroidal iron or steel uprights and a solid crossbar, providing superior strength, stability, and long service life.



Key Features

- Heavy-duty gearbox drive system.
- Forward & reverse switch for easy operation.
- Digital thickness display for accurate measurement.
- Automatic lubrication pump for continuous performance.
- Emergency stop system for operator safety.
- Rigid structure with low noise and smooth operation.
- High-precision gear-driven system with ±0.005 mm accuracy.
- Precision-ground rollers ensure minimal material loss.
- Precision-ground rollers ensure minimal material loss.
- Ideal for rolling gold, silver, and other precious metal strips for coin and bar manufacturing.

Technical Details:

Model	S/1/150	S/1/200	S/1/250
Roller Width (mm)	150	200	250
Roller Diameter (mm)	100	120	150
Wire Grooves Sizes (mm)	Customized as per requirements		
Roller Speed (rpm)	35	35	35
Max. Thickness (mm)	20	20	20
Electric Motor (kW)	3.0HP	5.0HP	5.0 HP
Weight (kg)	460	610	875

SHEET ROLLING MACHINE - Wheel Drive

Description:

The HK S1 Series Rolling Machine is designed for rolling flat strips and wire, making it suitable for both small workshops and large-scale industries.
Its compact design with a direct motor wheel and gear drive system delivers high performance while occupying minimal floor space.

Manufactured with premium-quality materials and precision engineering, the machine ensures reliable operation, long service life, and consistent rolling accuracy.



Key Features

- Direct motor wheel and gear drive system.
- Compact, space-saving design.
- Forward & reverse switch for easy operation.
- Digital thickness display (Optional).
- Automatic lubrication pump (Optional).
- Emergency stop system (Optional).
- Heavy-duty structure with low noise and smooth operation.
- High-precision gear-driven system with ±0.005 mm accuracy.
- Precision-ground rollers ensure minimal material loss.
- Suitable for rolling gold, silver, and other precious metals into flat strips and wire.
- Built for continuous production with high reliability and low maintenance.

Technical Details:

Model	S/1/125	S/1/150	S/1/200	S/1/250
Roller Width (mm)	125	150	200	250
Roller Diameter (mm)	68	100	100	120
Wire Grooves Sizes (mm)	Customized as per requirements			
Roller Speed (rpm)	35	35	35	35
Max. Thickness (mm)	20	20	20	20
Electric Motor (kW)	1.5 HP	3.0HP	5.0HP	5.0 HP
Weight (kg)	180	290	410	650

JEWELLERY LASER CUTTING MACHINE

Description:

Jewellery laser cutting & marking machine is designed for gold & silver crafting, fine cutting, superb engraving, Inside & outside rotation marking for bangles & ring, flat marking.



Features

- Motorized
- Micro Cutting
- Superb Engraving
- Closed Cabinet
- Rotary Clamp
- Minimum Loss with Fume Extraction

Technical Details:

Laser Power	50W, 60W, 80W, 100W & 120W
Wavelength	1064mm
Min. Line Width	0.02 to 0.03mm
Modulating Frequency	10kHz - 500kHz
Marking Size (mm)	100*100/150*150/200*200
Cooling Way	Air Cooling
Power Requirements	200V+/50Hz/2.5A
Preview	Red Light
Power Consumption	>500w
Marking Speed	4000 nm/min
Weight	98 Kg



JEWELLERY LASER CUTTING MACHINE - COMPACT

Description:

Jewellery laser cutting & marking machine is designed for gold & silver crafting, fine cutting, superb engraving, Inside & outside rotation marking for bangles & ring, flat marking.



Features

- Motorized
- Micro Cutting
- Superb Engraving
- Table Type
- Rotary Clamp
- Minimum Loss with Fume Extraction

Technical Details:

Laser Power	30W, 50W, 60W
Wavelength	1064mm
Min. Line Width	0.03mm
Modulating Frequency	10kHz - 500kHz
Marking Size (mm)	100*100/175*175
Cooling Way	Air Cooling
Power Requirements	200V+/50Hz/2.5A
Preview	Red Light
Power Consumption	>500w
Marking Speed	4000 nm/min
Weight	78 Kg



LASER HALLMARKING

Description:

Jewellery laser cutting & marking machine is designed for gold & silver crafting, fine cutting, superb engraving, Inside & outside rotation marking for bangles & ring, flat marking.



Features

- Micro Marking
- Motor /Manual AXIS.
- Foot Operating
- Table Type
- Rotary Clamp Optional
- Perfect for Jewellery Making

Technical Details:

Laser Power	20W	30W
Wavelength	1064 - 1085mm	1064 - 1085mm
Polarization	Random	Random
Working Stroke	300mm	300mm
Nominal Average Output Power (W)	1@20kHz	1@30kHz
Single Pulse Energy (mJ) @20kHz	6~8	6~8
Beam Diameter (mm)	2.0	2.0
Output Fiber Cable Length (m)	240v	240v
Power Consumption (20°C) Voltage	Forces Air Cooled	Forces Air Cooled
Cooling	4000 nm/min	4000 nm/min
Weight	65 Kg	68 kgs



UV Colour Printer

Description:

Designed for everyday production, this compact UV flatbed printer offers high-quality printing on different materials with excellent color accuracy, reliable performance, and a simple workflow.

Compact, precise, and easy to use - built for high-quality printing on a variety of materials.

Designed for precision and versatility, this UV flatbed printer produces high-quality prints with ease.



Technical Details:

Printer	30cms*42cms
Printing Thickness	90mm
Printing Accuracy	Max 1200dpi
Graphic Format	Tiff, Eps, Pdf, Png
Machine Size	L740mm*W760mm*H560mm
Weight	80 Kgs



HK MACHINEX
JEWELLERY CNC MACHINES

HK MachineX is the dedicated **Jewellery CNC Machine Division of HK Industries**, a trusted engineering and manufacturing company established in 1997. Founded in 2021, HK MachineX was created with a singular vision—to deliver world-class CNC solutions exclusively for the jewellery manufacturing industry.

Backed by over **25 years of engineering excellence**, we design and manufacture high-precision Jewellery CNC Machines and customized Special Purpose Machines (SPMs) tailored to customer requirements. In addition to our in-house manufacturing, HK MachineX is also the **authorized dealer of globally recognized high-precision CNC machines from a leading Chinese manufacturer**, enabling us to offer a wider range of advanced CNC solutions to meet diverse production needs.

Founded by **Niraj Malvi**, every solution we offer is selected and engineered with a commitment to precision, innovation, reliability, and long-term performance. Whether manufactured by HK MachineX or supplied through our authorized partnership, our goal is to provide customers with the highest standards of quality, accuracy, and productivity. With in-house manufacturing, customization expertise, trusted global partnerships, and dedicated after-sales support,
HK MachineX is committed to delivering intelligent CNC solutions that transform creative ideas into flawless production.





Email : niraj@hkindustries.co.in

Compact 5-Axis HK-5Z180 Milling Machine (Auto Tool Change)



Technical Details:

Ball Screw / linear Guide Rail - C5 Ground Ball Screw / HIWIN or PMI-H-class Linear Guides (Taiwan)
Drive System - Bus Servo System (Absolute Encoder)
Operation Voltage - 220V/50Hz
Enclosure Type - Fully Enclosed, Waterproof & Dustproof Cover
12 Tools ATC Capacity
Dimensions - 790*880*1730mm
Weight - 480Kg

XYZ Travel	- 230*260*180mm
Working Diameter / Height	- 100/100mm
Max Spindle Speed	- 60000 Rpm/min
Spindle Power	- 2.4KW
Spindle	- ATC Servo Spindle

Features: 5-Axis Jewelry Engraving CNC

3D pendants, Sheets decoration, Interlock pendants.
Rings, Bangles, Kada, concept designs & Jewelery components.
Bracelets, Interlock earrings, watch dials and many more.







Desktop 4-Axis HK-410S Milling Machine (Auto Tool Change)

Technical Details:

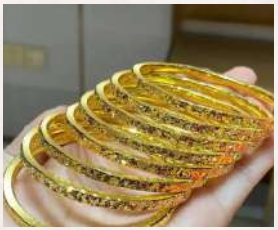
Ball Screw / linear Guide Rail - Ball Screw / HIWIN or Yintai-H-class Linear Guides
Drive System - Hybrid Servo System
Operation Voltage - 220V/50Hz
Enclosure Type - Fully Enclosed, Waterproof & Dustproof Cover
Dimensions - 630*590*760mm
Weight - 140Kg

XYZ Travel	- 147*118*85mm
Working Diameter / Height	- 100/100mm
Max Spindle Speed	- 60000 Rpm/min
Spindle Power	- 2.4KW
Spindle	- ATC Servo Spindle



Features: 4-Axis Jewelry Engraving CNC

Flat rings & Bangles engraving & Jewelery components.







Desktop 5-Axis HK-168 Milling Machine (Auto Tool Change)

Technical Details:

Ball Screw / linear Guide Rail - C5 Ground Ball Screw / HIWIN or PMI-H-class Linear Guides (Taiwan)
Drive System - Bus Servo System (Absolute Encoder)
Operation Voltage - 220V/50Hz
Enclosure Type - Fully Enclosed, Waterproof & Dustproof Cover
8 Tools ATC Capacity
Dimensions - 790*650*820mm
Weight - 260Kg

XYZ Travel	- 250*120*140mm
Working Diameter / Height	- 100/100mm
Max Spindle Speed	- 60000 Rpm/min
Spindle Power	- 2.4KW
Spindle	- ATC Servo Spindle



Features: 5-Axis Jewelry Engraving CNC

3D pendants, Sheets decoration, Interlock pendants.
Rings, Bangles, Kada & Jewelery components.
Bracelets, Interlock earrings.







Medium Size 5-Axis HK-510S (RAINBOW Series) Milling Machine (Auto Tool Change)



Technical Details:

Ball Screw / linear Guide Rail - C5 Ground Ball Screw / HIWIN or PMI-H-class Linear Guides (Taiwan)
Drive System - Bus Servo System (Absolute Encoder)
Operation Voltage - 220V/50Hz
Enclosure Type - Fully Enclosed, Waterproof & Dustproof Cover
12 Tools ATC Capacity
Dimensions - 1010*1100*1900mm
Weight - 850Kg
Control System = RTCP Functionality

XYZ Travel	- 350*250*200mm
Working Diameter / Height	- 200/180mm
Max Spindle Speed	- 0000 Rpm/min
Spindle Power	- 4.0KW
Spindle	- ATC Servo Spindle

Features: 5-Axis Jewelry Engraving CNC

Rainbow Effects, 3D pendants, Sheets decoration, Interlock pendants.
Rings, Bangles, Kada, concept designs & Jewelery components.
Bracelets, Interlock earrings, gems stones, watch dials and many more.







Industrial 5-Axis HK-519S (RAINBOW Series) Milling Machine (Auto Tool Change)



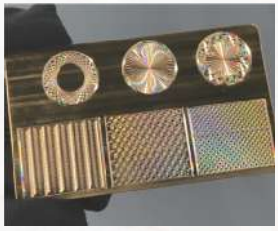
Technical Details:

Ball Screw / linear Guide Rail - C5 Ground Ball Screw / HIWIN or PMI-H-class Linear Guides (Taiwan)
Drive System - Bus Servo System (Absolute Encoder)
Operation Voltage - 440V/50Hz
Enclosure Type - Fully Enclosed, Waterproof & Dustproof Cover
12 Tools ATC Capacity
Dimensions - 1300*1200*1900mm
Weight - 480Kg

XYZ Travel	- 350*250*200mm
Working Diameter / Height	- 200/180mm
Max Spindle Speed	- 40000 Rpm/min
Spindle Power	- 4.0KW
Spindle	- ATC Servo Spindle

Features: 5-Axis Jewelry Engraving CNC

Rainbow Effects, 3D pendants, Sheets decoration, Interlock pendants.
Rings, Bangles, Kada, concept designs & Jewelery components.
Bracelets, Interlock earrings, gems stones, watch dials and many more.




GOLD / SILVER SHEET DECOR CNC

The FlatCam CNC Machine is an advanced multi-axis machining system designed for producing highly complex and precise jewelry components with exceptional efficiency. This machine comes with optional features for making Flat Jewelleries with RAINBOW effects on it.



Features: Silver Sheet Decor CNC

3D pendants, Sheets decoration, Interlock pendants.
Flat rings concept designs & Jewelery components.
Bracelets, Interlock earrings.

Technical Details:

Model name - Flatcam - IRIS series
Optional Feature - Add ranibow effect on gold/silver sheets.
Maximum recovery rate.
Number of Axis - 7axis (X, Y, Z, R1, R2, J, H)
Design Software - Corel draw. Artcam, Autocad.
Working Area - 100mm x 320mm
Sheet thickness - 0.25mm to 2mm
Sheet clamping - Vaccum fixture.
Spindle motors - Vertical : 3.7kw 40000rpm output max.
Horizontal : 400w 6000rpm output max.
Dimension of - L980mm X W980mm X H1600mm (PC cabinet not mentioned)
Machine weight - 650kg approx.
Power Supply - 3phase / 1phase (Optional)





RAVONIX

The Ravonix is a high-precision 3-axis CNC machine engineered for intricate jewellery engraving, 3D Jaali work, and die-making across a 300x200x100mm working area. Powered by a 0.8Kw 24,000 RPM spindle and an Easy Servo system, it flawlessly processes gold, silver, brass, copper, and aluminium sheets from 0.25mm to 3.5mm thick.



Specification:

- Material cut - Gold, Silver, Copper, Brass, Gemstone.
- Application - Artistic 3D engraving, Jaali work, Vadanam Belt, Gold & Silver name pendants, bracelets, necklace, Earrings, customized jewelry and Gemstone engraving.

Technical Details:

- Working area - 300mm x 200mm x 100mm
- Spindle - 0.8Kw 240000RPM air cooled.
- Controller - PC console controller.
- Easy Servo Motor & Drive.
- Fully closed fabricated body.
- Singlephase 220v operating machine.
- Maximum precisious metal recovery fixture.









COIN RIMMING MACHINE

Description:

The Burs or Sharpness at the edges of coins after blanking turns into smooth and shining when it is rimmed.

When the rimmed coin is embossed in press machine it reduces the pressure of machine by 20%-25% which makes machine and dies lifelong with resulting in superior edge finish.



Technical Details

- Wheel diameter : 300mm
- Round diameter Min : 15mm / Max : 60mm.
- Revolution : 50 rpm.
- Up-down adjustment feeder ramp for coin inward and outward.
- Coin collection box.
- Reserve forward switch.
- Die tilting setting with screw.
- Different size grooves according to coin thickness.
- Machine weight : 160kg
- Machine size : 500mm x 400mm
- Electric motor : 1 HP



Before After

CNC EMBOSS 3X

Description:

Emboss-3X is a compact, high-precision 3 axis CNC engraving machine designed for jewelry die manufacturing. Ideal for male, female, embossing, and impression (thappa) dies, it delivers exceptional engraving quality, superior surface finish, and reliable machining performance.

Model Name - Emboss 3X CNC Engraving
Machine With Standard Accessories
(Vise-Tools etc) Delta Controller
Fully Closed Body
Job Center Buzzer System







Technical Details:

Table Size:	350mm x 350mm
Working Area:	250mm x 250mm x 120mm
Spindle:	3.2kW, 24000RPM, Water Cooled
Motor:	Servo Motor with Dynamic Brake and Encoder
	Automatic Lubrication System
Water Coolant Tank:	32Ltr

DIES & MOULDS









The heavy-duty ingot moulds ensure consistent, uniform casting of gold and silver bars, while our masterfully engraved dies and high-tensile punches work in perfect unison to deliver razor-sharp, mirror-finish impressions. As shown in image, this setup is perfect for detailing custom refinery logos, purity credentials, and precise weights ranging from 100g to 1 Kilo bars. By combining exceptional wear resistance with micro-precision alignment, this unified tooling solution guarantees industrial-grade durability and flawless branding on every single run

STAMP PUNCH & INGOT







NOTES

Manufacturer of all types of Gold & Silver Jewellery Making Machine

Regd. Office :- Plot No. 351/2, Road No. 38 GIDC Estate, Opp. Water Tank, Odhav, Ahmedabad 382415, Gujarat (INDIA)

Minting Coining :- +91 9825440732 | +91 9925440732 | +91 9904440732
Jewelry Laser Machines :- +91 9662257111
Jewelry CNC Machine :- +91 8401425452
Coins, Dies & Moulds :- +91 9724147307

Email :- info@hkindustries | sales@ hkindustries.co.in | niraj@hkmachinex.com

ISO 9001:2015

CE