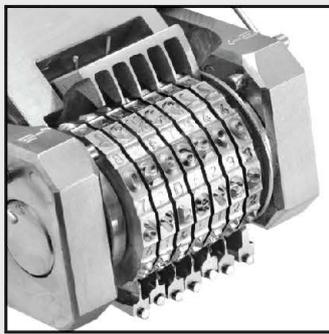


ESTB. 1987

CHANDRIKA

EXCELLENCE IN
METAL STAMPS, TOOLS,
CNC MARKING MACHINES &
MOTION AUTOMATION



ISO 9001:2015 Certified Company



The Journey begins in 1987 with establishment of **CHANDRIKA CORPORATION** that has grown to become one of the world's leading manufacturers and suppliers of MARKING & CODING MACHINES, TOOLS & STAMPS under the Brand "**CHANDRIKA**".

We are an **ISO 9001:2015 Certified Company**. We are one of the few companies to offer a comprehensive line of Marking Machines & Tools of its own manufacture.

The company serves many Industries where Marking, Identification & Traceability is a necessity.

The Products manufactured by us are sold across the world by the commendable support of the Channel Partners, Distributors & Dealers.

We are headquartered at Ahmedabad, the business capital of fastest growing Indian State of Gujarat in India. Gujarat itself has made a global footprint by becoming a Trusted Supplier of most of the comprehensive Machineries and Components to the World by it's virtue of the business friendly soil.

INTERCHANGEABLE STEEL TYPE SET (IST)

These Steel Type sets are ideal for stamping serial and model numbers, alpha-numeric codes and short phrases into Steel and other metals. Our Steel Type Character sets are used in Hand and Machine Type Holders. Our Steel Type sets are available in various character sizes and work exclusively with Steel Type Holders.

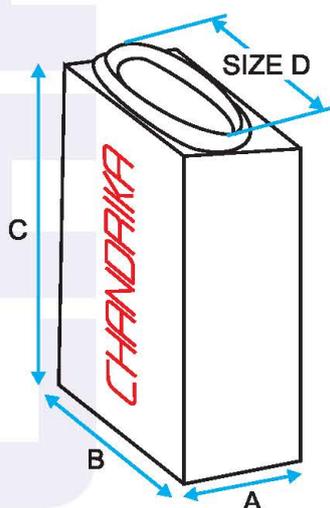
A Steel Type Kit is an excellent tool-set for permanently stamping identification and traceability marks, as well as short-phrases, etc.

Features:

- Types made from High Quality Tool Steel.
- Hardness of material is HRC 58-63
- Dull Nickel plated for rust free longer shelf life.
- Bevel Angles, Character Depth & Standard Calligraphy to maximize the Type life.
- Sets are available with or without Holders.
- Segmental, Radial, Grooved and Stepped Types are available for special applications
- Low Stress (Dotted) Types
- Types with Special Calligraphy design.

APPLICATION:

- Automobile Part Marking
- Casting
- Heavy Engineering
- Air Craft Parts
- Name Plate Marking
- Motor Marking
- Submersible / Surface Pump
- Railway Wheels & Parts
- Arms & Ammunition
- Pharmaceuticals
- Healthcare & Cosmetics
- Earth Moving Equipments and many more...



Available sizes

Character Size (in mm)[D]	Code	[A] (in mm)	[B] (in mm)	[C] (in mm)
1mm	T-010	1	8	25
1.59mm (1/16")	T-062	1.59	3.18	15.88
2mm	T-020	2	8	25
2.40mm (3/32")	T-093	2.40	6.35	19.05
3mm	T-030	3	8	25
3.18mm (1/8")	T-125	3.18	6.35	19.05
4mm	T-040	4	8	25
4.76mm (3/16")	T-187	4.76	7.94	19.05
5mm	T-050	5	8	25
6mm	T-060	6	8	25
6.35mm (1/4")	T-250	6.35	9.53	19.05
8mm	T-080	8	14	25
9.53mm (3/8")	T-387	9.53	15.88	25.40
10mm	T-100	10	14	25
16mm	T-160	16	20	30

CUSTOM LOGO STAMP



- Custom made Stamps with total precision & with fidelity to every Logo.
- Precision design cutting edge geometry for clear and long lasting marking of Logos.
- Reduce Stress concentration on the marked surfaces.
- Controlled hardening and tempering process to ensure marking reliability and longer service life
- Dull Nickel plated to resist rusting of Stamp Marks
- Assured Safety of Logo Designs in our Custody.

HAND/MACHINE HOLDER FOR IST

Hand Holder



Machine Holder for Roll Marking Machine



Machine Holder for Impact Press



When the mark you need to stamp will frequently change, a Steel Type Holder is ideal. Our easy-to-use Hand Steel Type Holder selection comes in various capacities depending on the Steel Type character size you intend to use. Our Machine Type Holders are also compatible with Steel Type characters of various sizes. Machine Type Holder are used with Impact Press & Roll Marking Machine. Using a Machine Type Holder increases efficiency and supports accuracy and uniform imprints of identical depth. You can use it to arrange individual characters for spelling out different names, codes or serial numbers, etc.

Features:

- Designed for accurate Type location and Type alignment.
- Positive locking of Types.
- Enable Quick change of Types & high Interchangeability.
- Long Lasting.

HOLDER CODE	COMPATIBLE IST SIZE
8 H 20	T-010 / T-020 / T-030 / T-040 / T-050 / T-060
8 H 25	T-010 / T-020 / T-030 / T-040 / T-050 / T-060
8 H 40	T-030 / T-040 / T-050 / T-060
14 H 60	T-080 / T-100
125 H 750	T-062
250 H 1000	T-093
250 H 1250	T-093 / T-125

HAND PUNCHES (ALPHA-NUMERIC) / LOW STRESS DOTTED HAND PUNCH

Low Stress Dotted Hand Punch



Standard Hand Punch

- Made from high Quality, heat treated tool steel. Finely balanced with liberal overall shank size.
- Sharp Face stamps - Ideal for marking steel, Stainless Steel, precious metals, copper, brass and bronze.
- Ensures deep, clear and legible stamped impression. Safeguards against chipping and splitting of hammering end.
- Precision heat treated to a hardness of 58-62 Rockwell C at the character and 32-40 Rockwell C at the striking end.
- Each punch is clearly described with character designation and size.
- Dull Nickel Plated for rust free longer shelf life.
- Low Stress Dotted hand Punches also available.
- Custom Logo Punch can be produced on request.
- Reverse Alphabets & Numbers for forging and die casting dies & for rubber moulds.
- Butt-Welded stamps are developed for marking red-hot (upto 1000°C) Railway Axles, steel billets etc.
- Suitable for all engineering and Industrial applications.
- Used with Regular Hammer or Impact Press.

Available sizes

Character Size (in mm)	Alphabet Set (A-Z) Code	Number Set (0-8) Code
3mm	26HHP030	9HHP030
4mm	26HHP040	9HHP040
5mm	26HHP050	9HHP050
6mm	26HHP060	9HHP060
8mm	26HHP080	9HHP080
10mm	26HHP100	9HHP100

INSPECTION STAMP (CUSTOM LOGO STAMP)

Quality Assurance (QA) and Quality Control (QC), American Petroleum Institute Quality (APIQ) & Other Logo & Design Stamps, also known as Inspection Stamps are vital tools for manufacturers throughout the world. We offer Steel Stamps to fit your specifications. Electric, Water, Aerospace, Construction and even Natural Gas Industries to name a few, are reliant on the use of Inspection Stamps.

- Designed to permanently impress the Inspector's mark into the inspected metal component.
- Made of high grade steel and heat-treated to the appropriate degree of hardness for maximum durability.
- CHANDRIKA will produce your Steel Inspection stamps to feature the designs and sizes of your choice, to meet your needs.



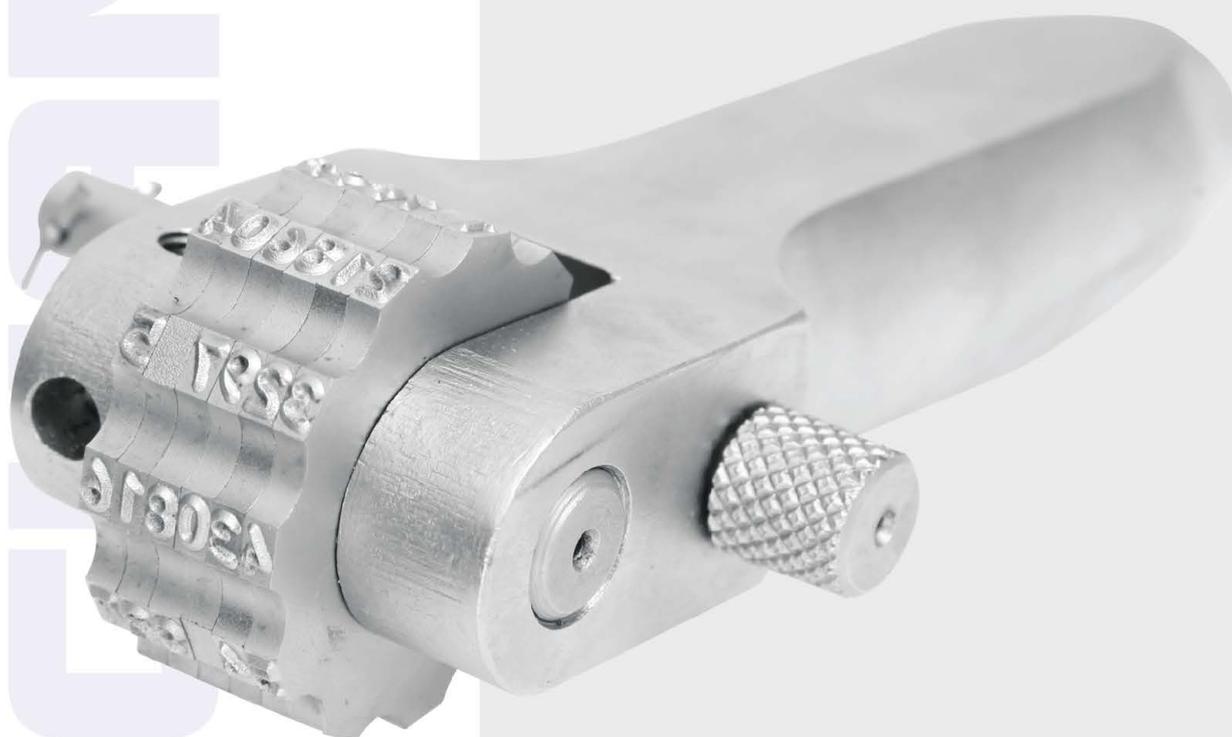
ROTARY TYPE NUMERATOR (RTN)

FEATURES OF RTN:

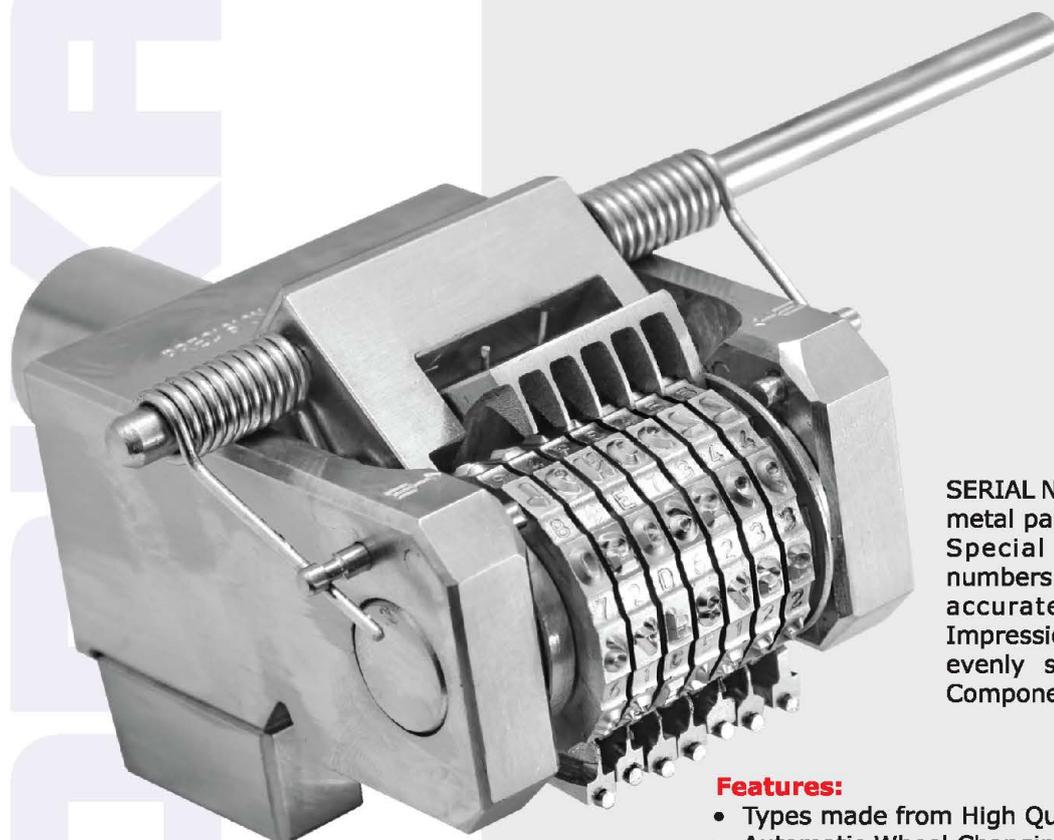
- Types made from High Quality Tool Steel.
- Manual Wheel Changing Mechanism
- Each Marking wheel has 11 faces with 0 to 9 figures on 10 faces, and one face blank.
- Marking Wheel can be rotated to any desired position, then locked positively by a locking pin.
- Individual wheel release : One wheel can be released at a time, without disturbing set - up of other wheels (The locking pin can be pulled to release just that particular wheel.
- No loose parts. The unit is complete, compact and sturdy; ready to use.
- All parts specially heat treated and dull - Nickel plated
- Range of High Performance Numerator for Enhanced life.
- Rotary Type Numerators with wheel combinations of Alpha - Numeric Wheels
- Rotary Type Numerators with provision to mark Logo / fixed Letters along with numbers
- Special wheels for Hot Stamping
- Numerator for Impact / Hydraulic / Fly Press is also available with slight change in Design.

Available Models:

Size	5 WHEELS	6 WHEELS
2MM		6RTN2
3MM		6RTN3
4MM		6RTN4
5MM	5RTN5	



AUTOMATIC NUMERATOR (AN)



SERIAL NUMBERS can be marked on metal parts - in a simple operation. Special design ensures that numbers advance one - at - a time accurately and automatically. Impressions are perfectly aligned, evenly spaced, uniformly deep - Component after component!

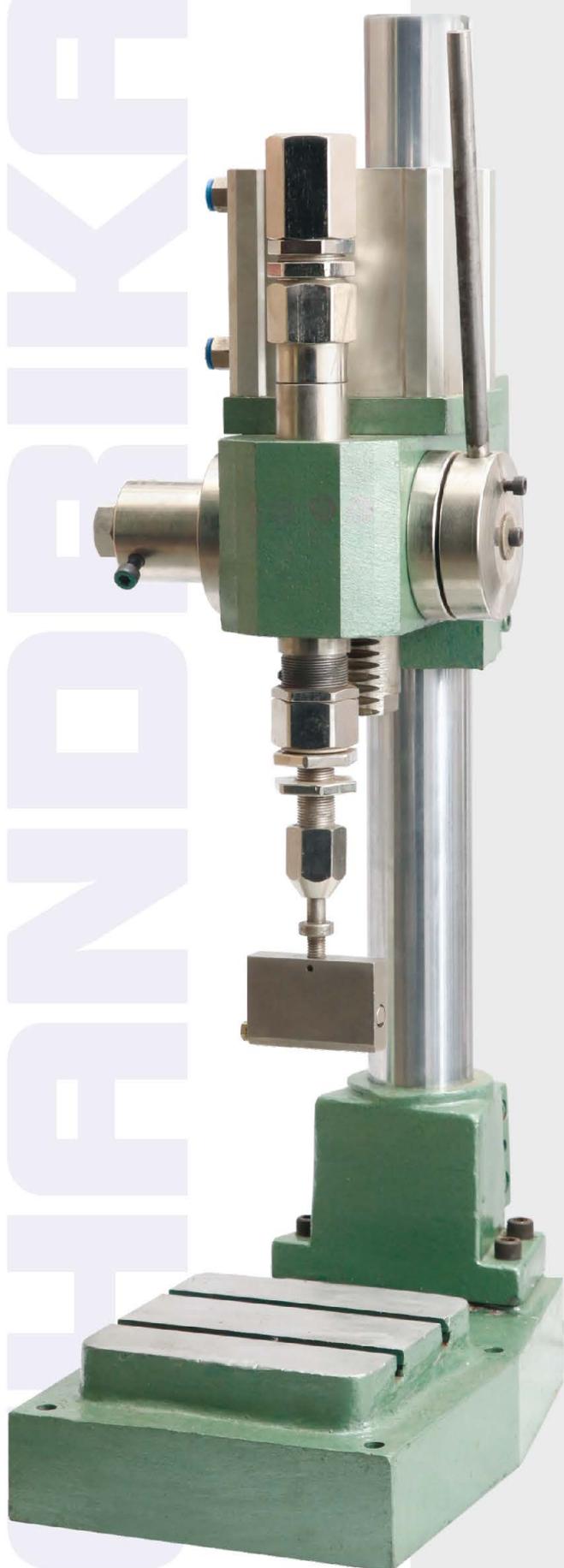
Features:

- Types made from High Quality Tool Steel.
- Automatic Wheel Changing Mechanism
- Wheels made from special Tool Steel.
- Advancing CAMS machined into solid wheels
- Cam material as durable as stamping characters.
- Extra wide unit wheel for longer life.
- One - piece actuating pawl machined from solid bar.
- Direct - reading characters to check set-up
- No riveted assembly. Easy to dismantle for cleaning by user.
- Unique design of holding catch and springs.
- Alpha - Numeric and / or special wheel combination available as per customer's requirement.
- High Performance Numerators for longer life.
- Special Numerators with provision to mark Logo or Repeated fixed data along with serial numbers.
- Numerators with Heater arrangement for Hot Foil Stamping.

Available Models:

SIZE	6 WHEELS	7 WHEELS	8 WHEELS	9 WHEELS	10 WHEELS
1.59 mm	6AN062	7AN062	8AN062	9AN062	9AN062
2 mm	6AN020	7AN020	8AN020	9AN020	9AN020
3 mm	6AN030	7AN030	8AN030	9AN030	9AN030
4 mm	6AN040	7AN040	8AN040	9AN040	9AN040
5 mm	6AN050	7AN050	8AN050	9AN050	9AN050
6 mm	6AN060	7AN060	8AN060	9AN060	9AN060
8 mm	6AN080	7AN080			
10 mm	6AN100	7AN100			

IMPACT PRESS [Manual & Pneumatic]



For times when a strike of the hammer will not do the trick, an Impact Press will deliver the pressure you need to get the job done. Easy and safe to operate, this Manual & Pneumatic Impact Press can be used anywhere in the factory or shop. Marking is achieved by compressing and releasing a spring loaded ram and presto, you're done! Ideal for marking metals.

Features:

- Marking pressure easily and quickly adjusted.
- Automatic compensation for different workpiece thickness (note : Airline Pressure is only compressing the spring - not for determining impact force).
- Highly versatile. Ideal for LIGHT ASSEMBLY WORK and for SHEET METAL WORK (Riveting, flaring, Piercing, Shearing, Bending plus many more operations).
- Output as fast as manual loading will allow
- Lowest rejections - even in precision jobs.
- Far longer tool / die life.
- Adaptable for automation with approximate fixtures tools and dies.
- Tough, compact, versatile and portable.
- Adjustable without the need for tools.
- Adequate worktable with tee slots enables easy fitting of work holding fixtures.
- Simple to operate, needs very little maintenance.
- Works on soft metals and mild steel.
- Compatible with many accessories made by CHANDRIKA.

Capacity Available:

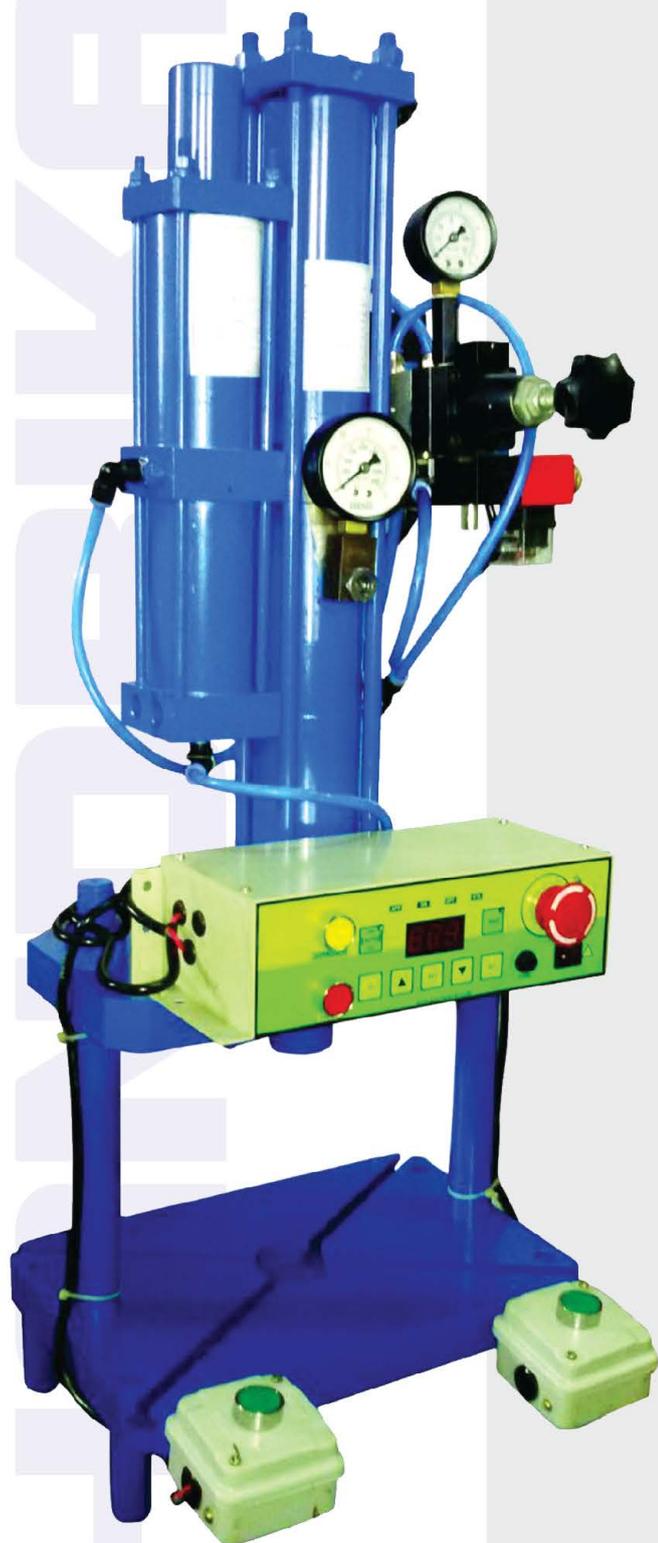
- 0.500 Tonne
- 1.0 / 1.1 Tonne
- 2.8 Tonne
- 3.5 Tonne



Machine Holder for Impact Press

HOLDER CODE	COMPATIBLE FOR (IST)
8 M 20	T-010 / T-020 / T-030 / T-040 / T-050 / T-060
8 M 40	T-020 / T-030 / T-040 / T-050 / T-060
8 M 60	T-020 / T-030 / T-040 / T-050 / T-060
8 M 80	T-030 / T-040 / T-050 / T-060
125 M 1000	T-062
125 M 2000	T-062
250 M 1000	T-093 / T-125

HYDRO-PNEUMATIC PRESS



Hydro Pneumatic presses are result of the evolving technology that is initially driven by compressed air only, and then they activate the hydraulic power stroke automatically. These presses combine the benefits of pneumatic systems and hydraulic presses, taking the pneumatically driven fast stroke, which approaches the workpiece with low force, and combining it with the automatically-activated hydraulic power stroke that engages when it encounters resistance (the surface of the object).

As a result of this combination, the applied energy is used most efficiently with minimum efforts. Hydro Pneumatic presses do not need a hydraulic tank, and they can also be used without any constraint of space.

ADVANTAGES OF HYDROPNEUMATIC PRESSES

There are many benefits of using hydropneumatic presses, including:

- These presses use compressed air as their primary source of power, and it results in the inexpensive and reliable implementation of piping systems and components.
- The use of compressed air for pneumatic operation leads to a quicker approach and retraction which results in a faster response.
- Hydropneumatic presses compact and lightweight as compared with other presses, which makes it easy to mount them on a table. Additionally, there is no need to install a hydraulic tank, which can save you a lot of floor space.
- These presses are energy savers. They can save up to 50% in energy inputs over fully hydraulic and pneumatic systems, and they can save more than 70% in terms of cost compared to other hydraulic systems.
- Hydraulic presses are relatively easy to use. This is because of their simple sealing components and pneumatic elements.

SOME APPLICATIONS OF HYDRO-PENUMATIC PRESS

- 1) Marking
 - 2) Riveting
 - 3) Punching
 - 4) Bending
 - 5) Forming
 - 6) Clamping
 - 7) Straightening
- And other customized applications

Frames Available

- 1) 2-Pillar Type
- 2) 4 Pillar Type
- 3) Standalone Type

Capacity Available

Model	Tonne	Travel (in mm)	Power Stroke (in mm)
HP-30-100-06	3	100	6
HP-30-150-06	3	150	6
HP-50-100-06	5	100	6
HP-50-150-06	5	150	6

*Additionally, the Travel distance and Power Stroke can be customized as per customer's application and requirement.

ROLL MARKING MACHINE (MANUAL & PNEUMATIC)

APPLICATIONS:

- Bush Marking
- Fuse Marking
- Cylindrical Component Marking
- Polygonal Component Marking

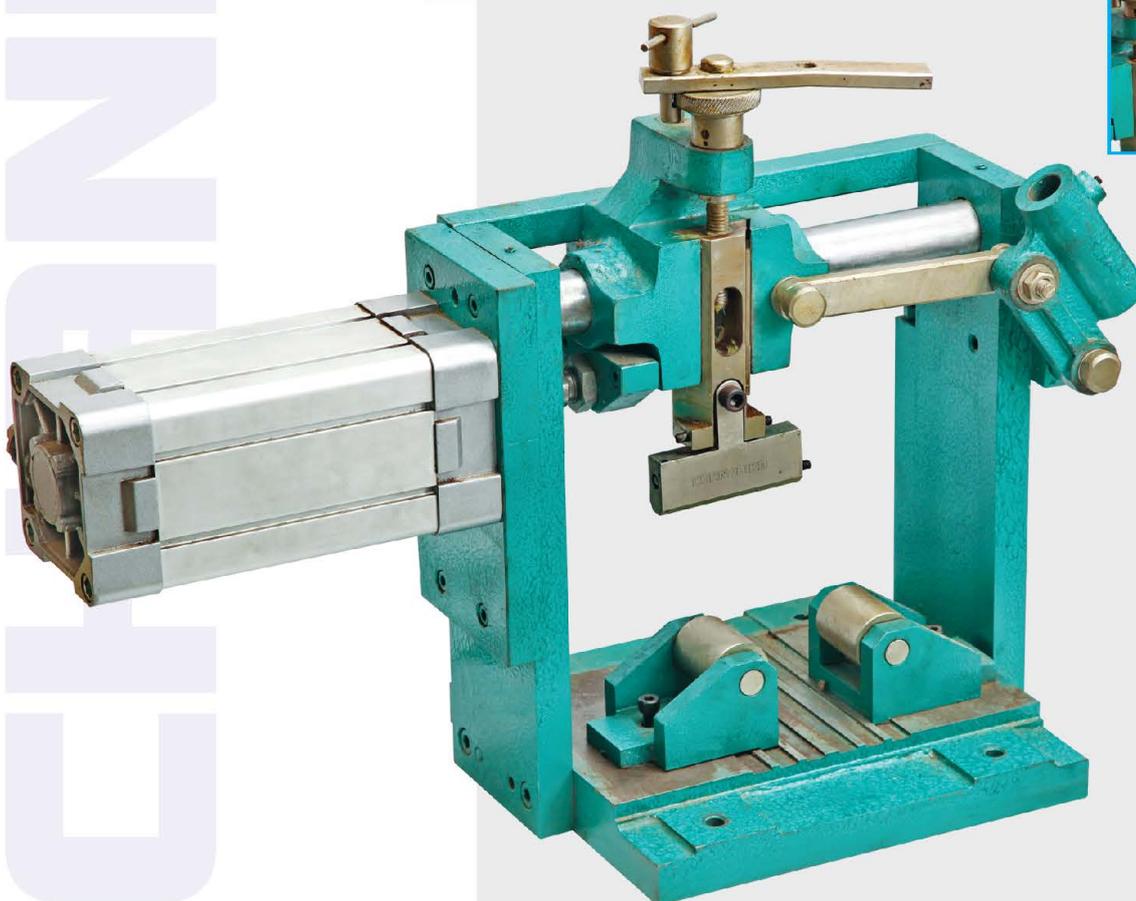
FEATURES:

- Ideal for marking cylindrical (Solid or hollow) components of Steel, Aluminium, Brass, etc. using CHANDRIKA interchangeable Steel Types and marking Dies.
- The Steel Types or Stamp Marks are mounted in Holder fixed to the machine carriage.
- Perfect for marking such specific components as drills, taps, engine valves, spark plugs, cutting tools, diamond tools, bushes, nozzles, sanitary fittings, hose end fittings, gas lighters and studs.
- Low set-up time. Easy operation.
- A simple hand lever operates the carriage producing a uniform, legible marking. For Pneumatic Model, the Cylinder operates the carriage.
- Marking depth is precisely set by adjusting the vertical dove-tail slide.

Machine Holder for
Roll Marking Machine



HOLDER CODE	COMPATIBLE FOR (IST)
8 R 20	T-010 / T-020 / T-030 / T-040
8 R 40	T-010 / T-020 / T-030 / T-040 / T-050 / T-060
8 R 60	T-010 / T-020 / T-030 / T-040 / T-050 / T-060
125 R 1000	T-062
125 R 2000	T-062
250 R 1000	T-093 / T-125



CHANDRIKA**DOT PIN MARKING MACHINE****PMM-63**

(Column Mounted Model)

**Features:**

- Extremely affordable & User friendly Marking Machine available in Market.
- High quality, permanent, programmable marking to mark the data on a wide range of materials — from soft plastics to hard metals up to 60 HRC.
- Marking Area Window of 6" x 4" (150 x 100 mm).
- Hand Held Model Marking Area Window of 4" x 2" (100 x 50 mm).
- High Speed Marking with operational reliability.
- Mechanical Simplicity.
- Very low Maintenance.
- Using Check Position Mode [JOG], user can check all positions of line / shape starting position to ensure no loss of marking plates.
- Automatically generates Serial numbers, Date, Time, Shift codes, QR Code, etc.
- Capable of Marking Texts Data , Geometrical Shapes like Square, Circle, Oval, Rectangle.
- Capable of Marking Customized logos & Vector Images.
- All system fonts are supported with special logo fonts.
- Marking head weight: approx 4 kg.
- Controller weight: approx 1 kg.
- Operating temperature: 0 to 50 degree.
- Marking area: 150 x 100 mm.
- Pin material: carbide.
- Marking speed: Adjustable (depend on material and character height).
- Marking depth: can mark up to 0.6 mm. (depend on material and hardness).
- Communication: USB
- Compact, convenient controller that can be operated through Computer / Laptop / Palmtop / Tablet PC.
- Start-Print foot switch and pushbutton station
- Customized solution for Integrating the Marking software with Customer's ERP for extracting the Data & Marking the same on the Product.
- Maximum pin stroke: up to 10 mm. (depend on pin selection).
- Robotic cable length : 2 Meter standard (custom length can be possible).
- Air pressure: 5 to 6 bar.

APPLICATIONS:

- Name Plate
- Automobile Components
- Heavy Engineering
- Pharmaceutical
- Aero Space & Defense
- Fabrication Engineering
- Submersible Pumps & Motors
- Valves • Bearings • Lock & Key
- Battery and many more...

**Controller Box**

20W / 30W FIBER LASER MARKING MACHINE**CHANDRIKA FL20 / FL30****20W / 30W
Fiber Laser****Technical Specifications:**

- Laser Ytterbium Fiber Laser (Multi Diode EP) :- Class IV.
- Average Laser O/p Power: 20 Watts / 30 Watts.
- Max. Peak Power >8 kW.
- Wavelength 1060-1070 nm.
- Pulse repetition Rate 20-80 KHz.
- Pulse Width 100 ns.
- Typical Beam Quality M2 = 1.4.
- Mode of Operation Pulsed.
- Pulse Energy @ 20 kHz 1 mJ.
- Rd Pointer for Positioning Visible Red Light (636 nm).

MARKING:

- Marking Speed up to 7000 mm/sec.
- Marking Fields 110(std.)/175/210mm² (Optional).
- Work Clearance 185/296/387 mm.
- Min. Character Size 0.22mm.

ELECTRICAL:

- Power Connection 220V 10 V AC, 1 Phase.
- Avg. Power consumption < 1KVA.

SOFTWARE:

Compatible with Windows 2000 / XP / 7 / 8. PLT, .DXF, .BMP, JPG & Other Vector & Bitmap Images are supported by the software for Marking.

20W / 30W FIBER LASER MARKING MACHINE

CHANDRIKA

**OTHER FEATURES:**

- Cooling Type Air Cooled/
- Environment Free from Dust, Oil, Mist & Other/ Contaminations (incl. Structure)
- Temperature 18 to 200C
- Max. Weight < 70 kg.
- Air Cooled.
- Inbuilt Guide Laser.
- Maintenance Free - No optical Alignment.
- Compact and Easy Integrity.
- Expected MTTF (Diode) Life: Greater than 1,00,000 hrs

APPLICATIONS:**AUTOMOBILE**

- Bearings.
- Piston, Piston Rings .
- Gears.
- Shafts (Crank & Cam Shaft).
- Valves .
- Brakes & Clutch.
- Liners & Cylinders .
- Spark Plugs.
- Engine ID Plates.
- Nozzles.
- Filter & Filter Parts.

JEWELLERY

Hallmarking & Logo Marking on

- Gold Bangles, Rings, Bracelets, Earrings, Nosepins, Pendants, etc.
- Silver Bangles, Rings, Bracelets, Earrings, Nosepins, Pendants, etc and other Jewellery.

MACHINE TOOLS:

- HSS.
- Carbide Steel Tools.
- Wrenches.
- Diamond Tools.
- Drill Bits.
- Cutting Tools, Milling Cutters.
- Saw Blades.
- Dies & Taps.
- Gauges, Measuring Instruments, Calipers.

KITCHENWARE & BATHROOM FITTING

- Cookware set.
- Knife, Spoon, Fork.
- Lemon Squeezer.
- Bathroom Taps & Fittings.
- Faucets.
- Door, Window & Hardware.

ELECTRONICS

- Integrated Circuit (ICs).
- Capacitors.
- Epoxy & Ceramic Chips.
- Plastic Connectors.
- Transformers & Solenoid.
- PCB.
- Switches.

OTHER CUSTOM SPECIALIZED APPLICATIONS

- PVC Cables & Connectors.
- Blades .
- Pens.
- Buttons.
- Spectacles Frame.
- Awards & Sovereign.
- Name plate marking
- And many other custom applications.

Industries we are honored to supply:

- 1) Aerospace & Defense Manufacturing
 - 2) Heavy Engineering
 - 3) Earth Moving Vehicles
 - 4) Pharmaceuticals , Healthcare , Cosmetics
 - 5) Steel Makers
 - 6) Pump / Flow Technology Manufacturers
 - 7) Car / Truck / Bus Makers
 - 8) Automobile Manufacturers
 - 9) Jewelry Maker
- And many more...

Products that we deal:

- 1) Manual Marking Systems
 - A) Interchangeable Steel Letter Types
 - B) Hand Punch (Alpha- Numeric)
 - C) Low Stress Dotted Punch Set
 - D) Customized Logo/ Inspection Stamps
 - E) Rotary Type Numerator
 - F) Automatic Numerator
 - G) Roll Marking Machine (Pneumatic / Manual)
 - H) Impact Press (Pneumatic / Manual)
 - I) Hydro-Pneumatic Press
- 2) Automatic Marking Systems
 - J) Dot Pin Marker (Pneumatic / Electromagnetic)
 - K) Laser Marker

Application wise Product:

- 1) Name Plate Marking
 - 2) Propeller Marking
 - 3) Pipe Marking
 - 4) Hose Marking
 - 5) Leather Product Marking
 - 6) Wire Die Marking
 - 7) Toothpaste Tube MFG/LOT No. Embossing
 - 8) Table Blister Embossing
 - 9) Wood Marking
 - 10) Brass Marking
 - 11) 2D/QR Code Marking
 - 12) Serial Number Marking
 - 13) Battery Marking
 - 14) Fuse Marking
 - 15) Jewellery Hallmarking
- and many more...



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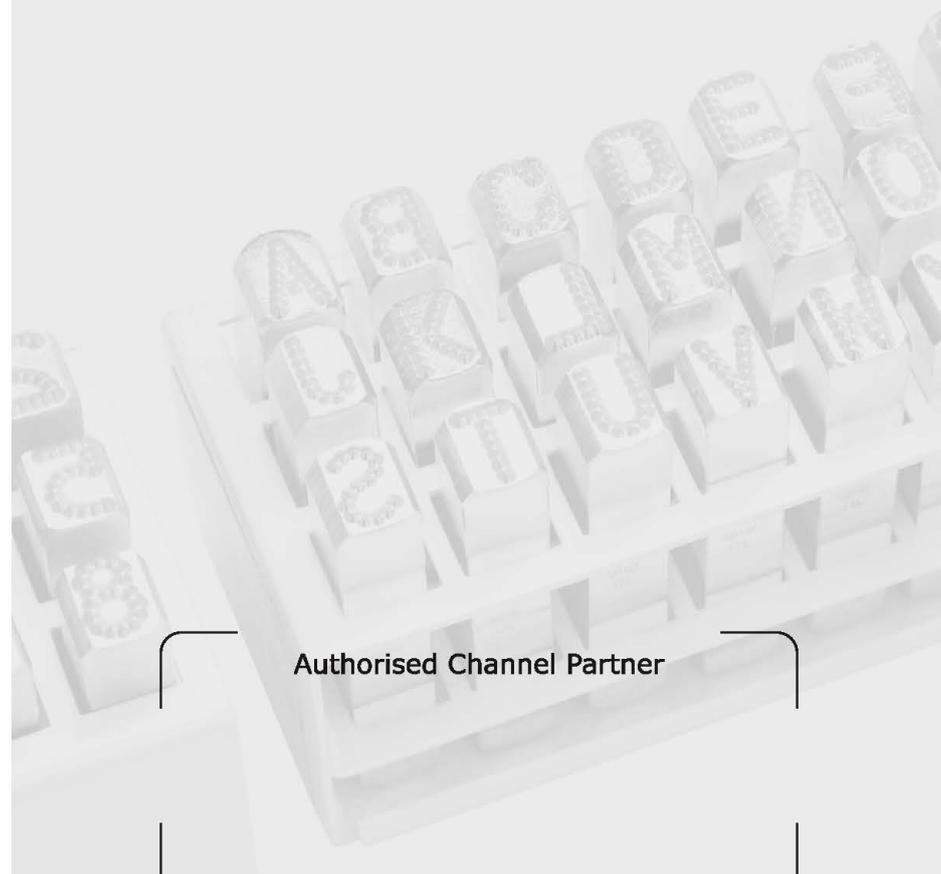
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