

MANUFACTURER & EXPORTER • LUDHIANA, PUNJAB, INDIA

Scaffolding, Threading & Fabrication Machinery

Scaffolding welding lines, threading machines, presses and pipe fabrication machinery, built and trial-run at our works in Ludhiana. Supplied across India and exported to United Arab Emirates, Saudi Arabia, Qatar, Oman and Malaysia.



Horizontal Standard Ledger
Welding System



Rebar Thread Cutting Machine



Wire Pointing Machine



Hydraulic Thread Cutting
Machine

75

MACHINES

12

PRODUCT CATEGORIES

5

EXPORT MARKETS

In-house

BUILD & TRIAL RUN

Product range contents and page numbers on page 3

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ISO 9001:2015 quality management system · No. QMS030924/309

CE marking, 2006/42/EC Machinery Directive · No. CE-6461



SALES & EXPORT DESK
+91-9888210800
+91-8434010000



EMAIL
nationalcuttingtools@gmail.com



WEBSITE
scaffoldingmanufacturingmachinery.com

ABOUT US

Company profile

National Cutting Tools designs and builds machinery for scaffolding production, thread rolling, tube end processing and metal forming at its works in Ludhiana, Punjab, one of India's main engineering centres.

Our machines are built for continuous workshop production. Instead of general-purpose equipment, each line is engineered around a specific fabrication process, from multi-torch MIG welding of scaffolding ledgers and cups to thread rolling on solid bars and pipe ends.

Mechanical assembly, structural base frames, pneumatic clamping fixtures and electrical wiring are all done at our Ludhiana facility. That keeps machine alignment and performance under our own engineering control, and lets us build to the material sizes, output and supply voltage of each buyer.

AT A GLANCE

WORKS

E-452, Phase VI, Focal Point,
Ludhiana, Punjab 141010, India

IN THIS CATALOGUE

75 machines in 12 categories

EXPORT MARKETS

United Arab Emirates, Saudi Arabia,
Qatar, Oman, Malaysia

SHIPPING PORTS

Mundra, Nhava Sheva (JNPT), Kandla

WORKING HOURS

Mon - Sat: 9:00 AM - 7:00 PM IST

CERTIFICATION

ISO 9001:2015 · No. QMS030924/309
CE, 2006/42/EC · No. CE-6461

What we build

**Scaffolding welding systems**

Multi-torch MIG welding machines for scaffolding ledgers, cuplock verticals, base jacks and ringlock rosettes.

**Pipe & bar threading**

Thread cutting and thread rolling machines for tie rods, jack screws, anchor bolts and standard pipes.

**Hydraulic & power presses**

Presses for blanking, punching, deep drawing and forming scaffolding cups, flanges and sheet metal parts.

**Rebar processing**

Rebar thread rolling and cold forging machines for construction coupler systems.

How every machine is built

01**Rigid steel base frames**

Machine beds and fixtures are fabricated from heavy structural steel plate to hold alignment under high clamping forces.

02**Standard electrical switchgear**

Industry-standard motors and controls, wired for 380V or 415V and 50 Hz or 60 Hz supplies.

03**Trial run before dispatch**

Each machine is powered up and run with real tube or metal blanks to check speed, clamping and weld or thread quality.

Industries we supply

☑ Scaffolding & Formwork Manufacturing

☑ Infrastructure & Civil Construction

☑ Precast Concrete & Rebar Fabrication

☑ Industrial Metal Forming & Stamping

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How this catalogue is organised

- 📁 Machines are grouped by **category**, two to a row, each with its photograph and main specifications.
- 🔍 Looking for one machine? The **A to Z index on page 28** lists every machine with its page.
- 🌐 Specifications are the main figures only. The **full dossier for each machine is on the website**, at the address printed under it.
- ⚡ Machines are built to your **supply voltage and frequency**; tell us the site's supply with the enquiry.

Ask for a quotation

Send the machine or the component you want to produce, your material size range, the output you need per shift and your site voltage.

SALES & EXPORT DESK

+91-9888210800

EMAIL

nationalcuttingtools@gmail.com

WEBSITE

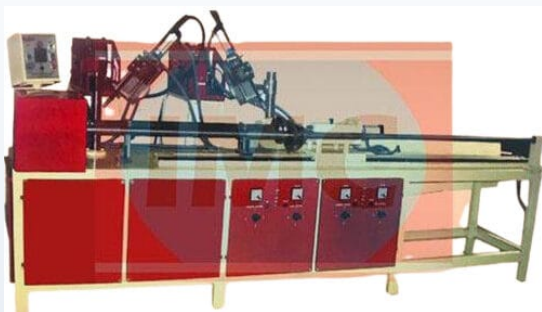
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01

Scaffolding Machinery

Precision scaffolding manufacturing lines including automatic ledger welding, ringlock & cuplock welding, base jack welders, and thread rolling systems.

12 machines



Horizontal Standard Ledger Welding System

Horizontal Standard Ledger Welding System for scaffolding component production, length adjustment 150 to 2400 mm, speed 2 to 10 rpm. Built in Ludhiana and run off before dispatch.

Electric Supply	Single Phase 220 Volt HZ 50/60
Speed	2 To 10 RPM
Motor Drive	AC Inverter Type
Motor - Type	AC 220 - Volts - 3 - Phase
Torch Clamping	PNEUMATIC

[Full specifications online](#)
[Get a quote](#)


Scaffolding Horizontal Ledger Welding Machine

Scaffolding Horizontal Ledger Welding Machine for scaffolding component production, welding capacity up to 12mm Thick, speed range 1 to 10 Meters Per Minute. Built in Ludhiana and...

Type	Welding Machine
Material	Stainless Steel
Welding Type	MIG, Or TIG Welding
Speed Range	1 To 10 Meters Per Minute
Phase	Three Phase

[Full specifications online](#)
[Get a quote](#)


Inner Prop Welding Machine

Inner Prop Welding Machine for scaffolding component production, length adjustment 500 to 3000 mm, air pressure required 4 to 5 Bar. Built in Ludhiana and run off before dispatch.

Specification	Details
Operation	Automatic
Air Pressure Required	4 to 5 Bar
Length Adjustment	500 to 3000 mm
Supply	1 Phase, 220 Volts $\pm 5\%$ / 3 Pha...

[Full specifications online](#)
[Get a quote](#)


Liquid Painting Plant

Liquid Painting Plant for scaffolding component production. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across India and to the GCC.

Type	Painting Plant
Material	Steel
Painting Method	Spray, Dip
Material Handling	Suitable For Various Materials Li...
Surface Finish	Painted

[Full specifications online](#)
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01

Scaffolding Machinery

Precision scaffolding manufacturing lines including automatic ledger welding, ringlock & cuplock welding, base jack welders, and thread rolling systems.

12 machines



Standard Ringlock Welding Machine

Standard Ringlock Welding Machine for scaffolding component production, input pipe diameter 48.3 mm (OD), length adjustment range 500 mm to 3000 mm. Built in Ludhiana and...

Model Designation	NCT-RWM-STD
Input Pipe Diameter	48.3 mm (OD)
Pipe Wall Thickness Sc...	2.5 mm to 4.0 mm
Standard Rosette Pitch	500 mm Standard (Adjustable)
Length Adjustment Range	500 mm to 3000 mm

[Full specifications online](#)
[Get a quote](#)


Welder-outer Prop Welding Machine

Welder-outer Prop Welding Machine for scaffolding component production, length adjustment 150 to 2400 mm. Built at the National Cutting Tools works in Ludhiana, run off before dispat...

Type	Welding Machine
Material	Cast Steel, Stainless Steel
Welding Process	Arc Welding
Dimension	800mm X 600mm X 1200mm
Motor Drive	AC Inverter

[Full specifications online](#)
[Get a quote](#)


Scaffolding Thread Rolling Machine

Scaffolding Thread Rolling Machine for scaffolding component production, power 3-6 kW. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across...

Specification	Details
Voltage	380V, suitable for industrial use.
Driven Type	Electric
Warranty	1 Year
Power	3-6 kW

[Full specifications online](#)
[Get a quote](#)


Base And U-Head Jack Welding Machine

Base And U-Head Jack Welding Machine for scaffolding component production, length adjustment 150 to 950 mm, air pressure required 4 to 5 Bar. Built in Ludhiana and run off befor...

Drive	A.C. Motor
R.P.M.	2 to 10
Operation	Pneumatic
Air Pressure Required	4 to 5 Bar
Length Adjustment	150 to 950 mm

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01

Scaffolding Machinery

Precision scaffolding manufacturing lines including automatic ledger welding, ringlock & cuplock welding, base jack welders, and thread rolling systems.

12 machines



Manual Multi Spindle Drilling Machine

Manual Multi Spindle Drilling Machine for scaffolding component production, power 10-12 kW. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across...

Specification	Details
Voltage	380V, suitable for industrial envi...
Driven Type	Hydraulic
Warranty	1 Year
Power	10-12 kW

[Full specifications online](#)
[Get a quote](#)


Automatic Multi Spindle Drilling Machine

Automatic Multi Spindle Drilling Machine for scaffolding component production, power 10-12 kW. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and...

Voltage	380V
Driven Type	Electric
Warranty	1 Year
Power	10-12 kW
After-Sales Service Pro...	Spare Parts

[Full specifications online](#)
[Get a quote](#)


Standard Cuplock Welding Machine

Standard Cuplock Welding Machine for scaffolding component production, motor power 0.5 H.P., 1440 R.P.M. Built at the National Cutting Tools works in Ludhiana, run off before dispat...

MachineType	Welding Machine
Material	Cast Iron, Stainless Steel
Motor Power	0.5 H.P., 1440 R.P.M.
Cutting Speed Range	35 – 50 Pieces Per Hour
Cutting Mode	Automatic

[Full specifications online](#)
[Get a quote](#)


Ledger Welding Machine

Ledger Welding Machine for scaffolding component production, length adjustment 150 to 2400 mm, speed 2 to 10 rpm. Built in Ludhiana and run off before dispatch.

Electric Supply	Single Phase 220 Volt HZ 50/60
Speed	2 To 10 RPM
Motor Drive	AC Inverter Type
Motor - Type	AC 220 - Volts - 3 - Phase
Torch Clamping	PNEUMATIC

[Full specifications online](#)
[Get a quote](#)

02

Rebar Machine

High-tensile reinforcement bar processing equipment including rebar thread cutting, rebar cold forging, and mechanical coupler machinery.

3 machines



Rebar Thread Cutting Machine

Rebar Thread Cutting Machine for rebar end preparation and mechanical splicing, motor power 1.5 kW to 5.5 kW. Built at the National Cutting Tools works in Ludhiana, run off before dispat...

Machine Type	Thread Cutting
Material	Cast Iron, Stainless Steel
Motor Power	1.5 KW To 5.5 KW
Cutting Speed Range	35 – 50 Pieces Per Hour
Cutting Mode	Automatic Or Semi- Automatic

[Full specifications online](#)
[Get a quote](#)


Rebar Cold Forging Machine

Rebar Cold Forging Machine for rebar end preparation and mechanical splicing, tonnage 230 Tons. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and...

Rated Extrusion Force	550 KN
Use	Lifespan 30 Years
Voltage	380V
Condition	Good Condition
Power Source	Electric

[Full specifications online](#)
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Rebar Coupler

Rebar Coupler for rebar end preparation and mechanical splicing. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across India and to the...

Model Number	16 MM TO 40 MM
Brand Name	NCT
Material	FOR 500 AND 600 – TATA, SAIL ...

[Full specifications online](#)
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03

Thread Bar Machinery

Industrial wire and thread bar processing machinery including wire pointing, high-speed wire drawing, and straightening & cutting units.

4 machines



Wire Pointing Machine

National Cutting Tools, Ludhiana, Punjab manufactures high-performance wire pointing machines for smooth, accurate, and efficient wire processing applications.

Type	Machine
Material	Mild Steel, Stainless Steel, Alumi...
Wire Diameter Range	Varies By Model
Driven Type	Electric
Length	Up To 300 Mm

[Full specifications online](#)
[Get a quote](#)


Wire Drawing Machine

National Cutting Tools offers premium wire drawing machines for precise, high-efficiency wire manufacturing and industrial applications.

Type	Machine
Wire Material	Copper, Steel
Quality	Best Quality
Phase	Three Phase
Automation Level	Semi Automatic To Fully Automa...

[Full specifications online](#)
[Get a quote](#)


Wire Straightening And Cutting Machine

Wire Straightening And Cutting Machine for tie rod, jack screw and anchor bar threading, cutting speed 20–100 Meters/min, motor power 2.2 kW to 15 kW. Built in Ludhiana and run off...

Type	Machine
Wire Material	Stainless Steel, Copper, And Alu...
Cutting Mechanism	Automatic
Motor Power	2.2 KW To 15 KW
Color	Solid Color

[Full specifications online](#)
[Get a quote](#)


Wire Straightening Cum Cutting Off Machine

Wire Straightening Cum Cutting Off Machine for tie rod, jack screw and anchor bar threading, straightening speed up to 100 m/min (model dependent), power supply 2 HP–7.5 HP (AC...

Feature	Specification
Wire Material	MS, SS, Copper, Aluminum
Wire Diameter Capacity	1 mm – 10 mm (varies by model)
Straightening Speed	Up to 100 m/min (model depend...
Cutting Length Range	50 mm – 6000 mm (adjustable)

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04

Threading Machines

Heavy-duty bolt, bar, rod, and pipe threading machinery with automatic lead-screw controls and tangential chaser die-heads.

19 machines



Hydraulic Thread Cutting Machine

Hydraulic Thread Cutting Machine for pipe, bar and bolt threading, thread cutting capacity up to M100, hydraulic pressure 30 MPa (Max). Built in Ludhiana and run off before...

Type	Cutting Machine
Thread Cutting Capacity	Up To M100
Thread Type	Metric, BSPT, Or Custom Threads
Hydraulic Power	5 HP – 10 HP
Hydraulic Pressure	30 MPa (Max)

[Full specifications online](#)
[Get a quote](#)


Thread Cutting Machine

Thread Cutting Machine for pipe, bar and bolt threading, speed / rpm 40–80 rpm (adjustable), motor power 4–7.5 kW. Built in Ludhiana and run off before dispatch.

Specification	Details
Machine Type	Thread Cutting Machine
Material Capacity	Steel, Stainless Steel, TMT Bars
Bar/Rod Diameter	14–40 mm (typical, model depe...
Motor Power	4–7.5 kW

[Full specifications online](#)
[Get a quote](#)


Automatic Pipe Threading Machine

Automatic Pipe Threading Machine for pipe, bar and bolt threading, threading capacity 2.1/2", power 15 H.P., 1440 rpm. Built in Ludhiana and run off before dispatch.

Specification	Details
Automatic Grade	Automatic
Power	15 H.P., 1440 RPM
Warranty	1 Year
Model	Super Deluxe 2.1/2" TO NCT-6

[Full specifications online](#)
[Get a quote](#)


Automatic Thread Cutting Machine

Automatic Thread Cutting Machine for pipe, bar and bolt threading, threading capacity 1/2" to 2.1/2" (12 mm to 65 mm), spindle speed range 30 / 60 / 90 rpm. Built in Ludhiana and ru...

Automatic Grade	Automatic
Power	7.5 H.P., 1440 RPM
Warranty	1 Year
Model (Super Deluxe)	1/2" to 2.1/2" (12 mm to 65 mm)
Saddle Movement	400 mm

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04

Threading Machines

Heavy-duty bolt, bar, rod, and pipe threading machinery with automatic lead-screw controls and tangential chaser die-heads.

19 machines



Bolt Cum Pipe Threading Machines

Bolt Cum Pipe Threading Machines for pipe, bar and bolt threading. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across India and to the...

[Full specifications online](#)
[Get a quote](#)


Bolt Threading Machine

Bolt Threading Machine for pipe, bar and bolt threading, motor power 1.5 kW to 5.5 kW. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across...

Type	Machine
Material	Stainless Steel, Or Aluminum
Quality	Best Quality
Thread Type	Metric, BSW Or UNC
Finish	Painted

[Full specifications online](#)
[Get a quote](#)


Bar Threading Machine

Bar Threading Machine for pipe, bar and bolt threading. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across India and to the GCC.

Type Of Machine	Threading Machine
Material	Steel, Aluminium Alloys
Power Source	Electric
Thread Type	Internal, External, Tapered
Chuck Type	Self-centering Chuck

[Full specifications online](#)
[Get a quote](#)


Rebar Threading Machine

Rebar Threading Machine Manufacturers in India for pipe, bar and bolt threading. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across India an...

Machine Type	Rebar Threading
Material	Steel, Iron
Cooling System	Air Or Water Cooled
Pattern	Plain
Power Source	Electric Or Hydraulic

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04

Threading Machines

Heavy-duty bolt, bar, rod, and pipe threading machinery with automatic lead-screw controls and tangential chaser die-heads.

19 machines



Rod Threading Machine

Rod Threading Machine for pipe, bar and bolt threading, spindle speed 20 to 200 rpm, motor power 3 HP to 10 HP. Built in Ludhiana and run off before dispatch.

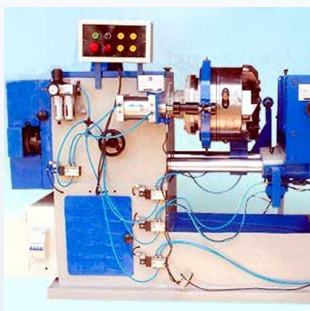
Type	Machine
Material	Mild Steel, Stainless Steel
Thread Type	Metric, BSW, NPT, Or Custom T...
Size Range	6mm To 50mm Or Custom
Threading Length	Up To 3 Meters

[Full specifications online](#)
[Get a quote](#)


Steel Bar Threading Machine

Steel Bar Threading Machine for pipe, bar and bolt threading. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across India and to the GCC.

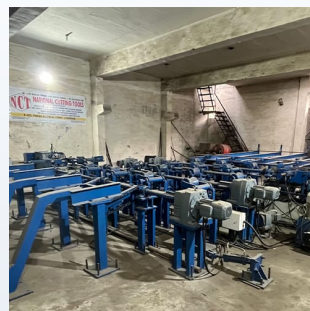
Range	32-54, 54-85
Weight (KG)	550, 990

[Full specifications online](#)
[Get a quote](#)


Pipe Threading Machine

Pipe Threading Machine for pipe, bar and bolt threading, threading capacity 2½", spindle speed range 30-60-90 rpm. Built in Ludhiana and run off before dispatch.

Specification	Details
Automatic Grade	Automatic
Power	15 H.P., 1440 RPM
Warranty	1 Year
Model	Super Deluxe 2½" TO NCT-6

[Full specifications online](#)
[Get a quote](#)


Fully Automatic Pipe Threading Machine

Fully Automatic Pipe Threading Machine for pipe, bar and bolt threading, motor power 2 HP-5 HP. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied...

Model	FA-PTM-100
Motor Power	2 HP – 5 HP
Threading Range	1/2 inch to 4 inch
Operation Type	Fully Automatic
Body Material	Mild Steel Body with Hardened S...

[Full specifications online](#)
[Get a quote](#)

04

Threading Machines

Heavy-duty bolt, bar, rod, and pipe threading machinery with automatic lead-screw controls and tangential chaser die-heads.

19 machines



Bed Type Bolt Cum Pipe Threading Machine

Bed Type Bolt Cum Pipe Threading Machine for pipe, bar and bolt threading, capacity (bolt/thread diameter) 12 mm–50 mm, motor power 1.5 HP, 3 Phase. Built in Ludhiana and run off...

Model	BT-500
Capacity (Bolt/Thread D...	12 mm – 50 mm
Pipe Threading Capacity	1/2" – 2"
Motor Power	1.5 HP, 3 Phase
Drive Type	Gear & Spindle Drive

[Full specifications online](#)
[Get a quote](#)


Electric Bolt Cum Pipe Threading Machine

Electric Bolt Cum Pipe Threading Machine for pipe, bar and bolt threading, threading capacity Bolt: M6–M30, Pipe: 1/2"–2", speed variable, 100–300 rpm. Built in Ludhiana and run off...

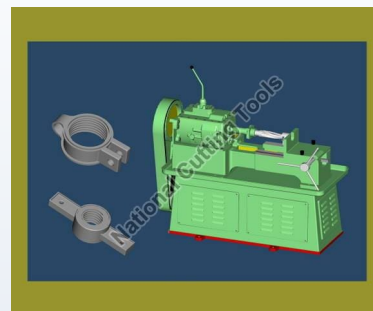
Feature	Specification
Power Source	Electric (AC Motor)
Motor Power	750W / 1 HP (varies by model)
Threading Capacity	Bolt: M6–M30, Pipe: 1/2"–2"
Speed	Variable, 100–300 RPM

[Full specifications online](#)
[Get a quote](#)


Pillar Type Bolt Cum Pipe Threading Machine

Pillar Type Bolt Cum Pipe Threading Machine for pipe, bar and bolt threading, threading capacity Bolt: M6–M36, Pipe: 1/2"–3", speed Adjustable, 100–300 rpm. Built in Ludhiana and run off...

Feature	Specification
Type	Pillar-mounted, Heavy-duty Ind...
Power Source	Electric (AC Motor)
Motor Power	1 HP / 750–1000 W (model dep...
Threading Capacity	Bolt: M6–M36, Pipe: 1/2"–3"

[Full specifications online](#)
[Get a quote](#)


Internal Pipe Threading Machine

Internal Pipe Threading Machine for pipe, bar and bolt threading, pipe size range 15mm–200mm, pressure required 8 to 10 Bars. Built in Ludhiana and run off before dispatch.

Operation	Pneumatic
Pressure Required	8 to 10 Bars
Thread Size	4 T.P.I.
Tap Material	D2
Control	PLC with Touch Screen

[Full specifications online](#)
[Get a quote](#)

04

Threading Machines

Heavy-duty bolt, bar, rod, and pipe threading machinery with automatic lead-screw controls and tangential chaser die-heads.

19 machines



Tangential Chaser

Tangential Chaser for pipe, bar and bolt threading. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across India and to the GCC.

Type	Tangential
Material	Metal (High-Speed Steel)
Color	Golden
Shape	Rectangle
Surface	Polished

[Full specifications online](#)
[Get a quote](#)


HSS Threading Tap

HSS Threading Tap for pipe, bar and bolt threading. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across India and to the GCC.

Material	Metal
Color	Grey
Shape	Round
Surface	Polished
Feature	Rust Proof

[Full specifications online](#)
[Get a quote](#)


Automatic Nipple Threading & Cutting Machine

Automatic Nipple Threading & Cutting Machine for pipe, bar and bolt threading. Built at the National Cutting Tools works in Ludhiana. run off before dispatch and supplied across India an...

Machine Type	Automatic Nipple Threading & C...
Operation	Threading + Cutting
Material Compatibility	GI, MS, SS Pipes
Threading Range	Customizable (½", ¾", 1", 1¼", ...)
Spindle Speed	Adjustable (Depending on model)

[Full specifications online](#)
[Get a quote](#)

05

Power Press Machine

Mechanical C-frame and pillar type power presses engineered for heavy metal blanking, forming, punching, and stamping operations.

3 machines



C Frame Power Press

C Frame Power Press for blanking, piercing and forming sheet and plate, press capacity 10 Ton–200 Ton, ram speed 10 to 20 Strokes Per Minute. Built in Ludhiana and run off before dispatch.

Type	Power Press Machine
Press Ram Material	Alloy Steel
Press Capacity	10 Ton – 200 Ton
Frame Material	Cast Iron
Motor Type	AC, DC Motor

[Full specifications online](#)
[Get a quote](#)


Pillar Type Power Press

Pillar Type Power Press for blanking, piercing and forming sheet and plate, power 3–5 kW. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across...

Voltage	440V
Automatic Grade	Automatic
Power Source	Hydraulic
Warranty	1 Year
Power	3–5 kW

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[Get a quote](#)


Friction Screw Press

Friction Screw Press for blanking, piercing and forming sheet and plate, press capacity 100–1000 Tons (model dependent), stroke length 200–500 mm. Built in Ludhiana and run off before...

Feature	Specification
Press Capacity	100 – 1000 Tons (model depend...
Type	Friction Drive / Screw Type
Stroke Length	200 – 500 mm
Flywheel Diameter	800 – 2000 mm

[Full specifications online](#)
[Get a quote](#)

06

Lathe Machines

Robust heavy - duty, medium - duty, and planner type bed lathe machines manufactured with high - grade induction hardened bedways.

5 machines



Heavy Duty Lathe Machine

Heavy Duty Lathe Machine for turning shafts, couplers and tooling, max swing over bed 500–750 mm. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and...

Automation Grade	CNC
Max Swing Over Bed	500 – 750 mm
Max Turning Diameter	1000 – 1500 mm
Height of Centre	175 – 400 mm
Range of Spindle	1200 RPM

[Full specifications online](#)
[Get a quote](#)


Planner Type Bed Lathe Machine

National Cutting Tools, Ludhiana, Punjab manufactures planner type bed lathe machines for precise, high - performance machining of industrial components.

Max Swing Over Bed	750 – 1000 mm
Max Spindle Speed	2000 – 3000 RPM
Max Turning Diameter	500 – 1000 mm
Height of Centre	14 – 30 Inch
Dia of Lead Screw	2 – 3 Inch

[Full specifications online](#)
[Get a quote](#)


Medium Duty Lathe Machine

Medium Duty Lathe Machine for turning shafts, couplers and tooling, swing over bed 423 mm, max swing over bed 750–1000 mm. Built in Ludhiana and run off before dispatch.

Automation Grade	CNC
Max Swing Over Bed	750 – 1000 mm
Height of Centre	216 mm
Max Turning Diameter	1500 – 2000 mm
Swing Over Bed	423 mm

[Full specifications online](#)
[Get a quote](#)


Semi Automatic Lathe Machine

Semi Automatic Lathe Machine for turning shafts, couplers and tooling, swing over bed 980 mm, distance between centres 2000 mm, 2500 mm, 3000 mm. Built in Ludhiana and run off...

Height of Centre	500 mm
Swing over Cross Slide	500 mm
Swing Over Bed	980 mm
Distance Between Centr...	2000 mm, 2500 mm, 3000 mm
Range of Speed	30 – 700 RPM

[Full specifications online](#)
[Get a quote](#)

06

Lathe Machines

Robust heavy - duty, medium - duty, and planner type bed lathe machines manufactured with high - grade induction hardened bedways.

5 machines



Horizontal Geared Lathe Machine

Horizontal Geared Lathe Machine for turning shafts, couplers and tooling, swing over bed 350-800 mm, distance between centres 700-1000 mm. Built in Ludhiana and run off before...

Lathe Machine Type	Horizontal Lathe
Swing Over Bed	350 – 800 mm
Swing Over Cross Slide	200 – 530 mm
Distance Between Centr...	700 – 1000 mm
Range of Spindle	54 – 1200 RPM

[Full specifications online](#)

Get a quote

07

Grinding Machines

Precision surface and cylindrical grinding machinery for fine tolerance finishing of tools, dies, shafts, and cold saw blades.

5 machines



Electric Cylindrical Grinding Machine

Electric Cylindrical Grinding Machine for precision grinding of dies, rolls and fixtures, distance between centres 350–1000 mm, work head speed 50–350 rpm. Built in Ludhiana and run o...

Grinding Wheel Size (Di...	355 × 38 × 127 mm
----------------------------	-------------------

Coolant Pump Motor (HP)	10
-------------------------	----

Driven Type	Electric
-------------	----------

Work Head Speed	50 – 350 RPM
-----------------	--------------

Power Required	Upto 5 HP
----------------	-----------

[Full specifications online](#)
[Get a quote](#)


Hydraulic Surface Grinding Machine

Hydraulic Surface Grinding Machine for precision grinding of dies, rolls and fixtures, workpiece capacity Max. 100 kg, table size 600 × 200 mm (Approx.). Built in Ludhiana and run off...

Voltage	230 V
---------	-------

Spindle Speed	3600 rpm
---------------	----------

Driven Type	Hydraulic
-------------	-----------

Table Size	600 × 200 mm (Approx.)
------------	------------------------

Grinding Wheel Size	250 × 25 × 76 mm (Approx.)
---------------------	----------------------------

[Full specifications online](#)
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Manual Surface Grinding Machine

Manual Surface Grinding Machine for precision grinding of dies, rolls and fixtures, spindle speed 3600 rpm. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and...

Grinding Wheel Diameter	7 Inch
-------------------------	--------

Spindle Speed	3600 rpm
---------------	----------

Operation Type	Manual
----------------	--------

Wheel Width	1/2 Inch
-------------	----------

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Universal Cylindrical Grinding Machine

Universal Cylindrical Grinding Machine for precision grinding of dies, rolls and fixtures, traverse speed 50 to 1000 mm/min, work head speed 50–350 rpm. Built in Ludhiana and run off before...

Centre Height	130 mm
---------------	--------

Traverse Speed	50 to 1000 mm/min
----------------	-------------------

Rapid Approach to All M...	50 mm
----------------------------	-------

Work Head Speed	50 – 350 rpm
-----------------	--------------

Swivel of Wheel Head	45° to 45°
----------------------	------------

[Full specifications online](#)
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07

Grinding Machines

Precision surface and cylindrical grinding machinery for fine tolerance finishing of tools, dies, shafts, and cold saw blades.

5 machines



Cold Saw Grinding Machine

Cold Saw Grinding Machine for precision grinding of dies, rolls and fixtures. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across India an...

Type	Cold Saw
Shape	Rectangular
Certification	CE Certified
Color	Metallic
Condition	New

[Full specifications online](#)

Get a quote

08

Milling Machines

High-torque vertical geared and automatic single-feed milling machinery designed for metal shaping and precision slotting.

2 machines



Geared Vertical Milling Machine

Geared Vertical Milling Machine for machining jigs, fixtures and die blocks, speed 960 rpm, motor power 2 HP. Built at the National Cutting Tools works in Ludhiana, run off before dispat...

Material	Mild steel
Working Surface	1250 × 275 mm
Swivel of Vertical Head	90°
Motor Power	2 HP
Speed	960 rpm

[Full specifications online](#)

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One Feed Automatic Milling Machine

One Feed Automatic Milling Machine for machining jigs, fixtures and die blocks, speed 1440 rpm. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied...

Material	Mild Steel
Power Source	Electric
Working Surface	750 × 150 mm
Weight	450 kg
Speed	1440 rpm

[Full specifications online](#)

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09

Hydraulic Shearing Machines

Fixed and variable rake angle hydraulic plate shearing machinery delivering clean, burr-free cuts across mild steel and alloy plates.

2 machines



Fixed Rake Angle Hydraulic Shearing Machine

Fixed Rake Angle Hydraulic Shearing Machine for cutting plate to blank size, motor power 3 HP. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across...

Dimension (L x W x H)	2200 × 1900 × 1900 mm
Variable Rack Angle (°)	1°
Strokes Per Minute	40
Back Gauge	750 mm
Number of Mould Down	7

[Full specifications online](#)

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Variable Rake Angle Hydraulic Shearing Machine

National Cutting Tools, Ludhiana, Punjab manufactures variable rake angle hydraulic shearing machines for precise, high-efficiency metal cutting operations.

Type	Shearing Machine
Blade Material	High-carbon Steel, Alloy Steel
Rake Angle Range	0° – 10°
Stroke Length	10 – 20 Mm
Pattern	Plain

[Full specifications online](#)

[Get a quote](#)

10

Band Saw Machines

Heavy-duty horizontal hydraulic band saw machines for high-volume structural pipe, beam, and solid round billet cutting.

2 machines



Horizontal Band Saw Machine

Horizontal Band Saw Machine for cutting tube and bar to length, motor power 2 HP. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across India an...

Application	Industrial , Metal Cutting
Motor Power	2 HP
Automation Grade	Automatic
Country of Origin	India
Body Material	Mild Steel

[Full specifications online](#)

Get a quote



Hydraulic Heavy Duty Band Saw Machine

Hydraulic Heavy Duty Band Saw Machine for cutting tube and bar to length, motor power 2 HP. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied...

Material	Mild Steel
Motor Power	2 HP
Condition	New
Voltage (Volt)	23
Driven	Hydraulic

[Full specifications online](#)

Get a quote

11

Hydraulic Press Machines

Power operated, deep drawing, and brake press hydraulic machines engineered with high-rigidity frames and proportional controls.

5 machines



Power Operated Hydraulic Press

Power Operated Hydraulic Press for pressing, drawing and straightening work, motor power 3 HP. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and...

Max Force / Load	30-60 Ton
No. of Cylinder	1
Body Material	Iron
Motor Power	3 HP
Dimensions	650 × 150 mm

[Full specifications online](#)
[Get a quote](#)


Electric Hydraulic Press

Electric Hydraulic Press for pressing, drawing and straightening work, capacity 5-10 Ton, 10-20 Ton. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and...

Capacity	5 - 10 Ton, 10 - 20 Ton
Power Source	Electric
Control Type	CNC
Material	Cast Steel
Packaging Type	Packed

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Hand Operated Hydraulic Press

Hand Operated Hydraulic Press for pressing, drawing and straightening work. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across India an...

Operation Type	Hand Operated
Max Force / Load	5 - 20 Ton
Body Material	Heavy Duty Steel
Application	Pressing, Straightening, Bending
Mounting Type	Floor Mounted

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Hydraulic Brake Press

Hydraulic Brake Press for pressing, drawing and straightening work, table size 125 × 1400 mm. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied...

Max Force or Load	30 - 60 Ton
Max Sheet Width	3 Meter
Control Type	CNC
Cutting Load	60 - 90 Ton
Table Size	125 × 1400 mm

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11

Hydraulic Press Machines

Power operated, deep drawing, and brake press hydraulic machines engineered with high-rigidity frames and proportional controls.

5 machines



Double Action Deep Drawing Hydraulic Press

Double Action Deep Drawing Hydraulic Press for pressing, drawing and straightening work, total capacity 115-750 Ton, blank holder stroke 250-500 mm. Built in Ludhiana and run off...

Total Capacity	115 – 750 Ton
Blank Holder	40 – 250 Ton
Bed Size	600 × 600 – 1300 × 2200 mm
Blank Holder Stroke	250 – 500 mm
Max Distance between ...	625 – 1250 mm

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12

Specialized Pipe & Fabrication Machinery

Advanced pipe end facing machines, bar chamfering, pipe beveling, and CNC hydraulic round pipe punching equipment.

13 machines



Scaffolding Machine

Scaffolding Machine for pipe end preparation and fabrication, load capacity 250 kg per platform. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied...

Product	Specification / Details
Type / Model	Mobile Tower Scaffold
Material	Aluminium Alloy
Maximum Working Height	8 m
Platform Size	580 mm × 1690 mm

[Full specifications online](#)
[Get a quote](#)


Pipe End Facing Machine

Pipe End Facing Machine for pipe end preparation and fabrication, power (w) 3–5 kW, voltage 380 V. Built at the National Cutting Tools works in Ludhiana, run off before dispatch...

Type	Automatic
Weight	100–1000 kg
Voltage	380 V
Driven Type	Electric
Warranty	1 Year

[Full specifications online](#)
[Get a quote](#)


Beveling Machine

Beveling Machine for pipe end preparation and fabrication, voltage 220–380 V. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across India and to the...

Type	Portable Beveling Machine
Weight	20–60 kg (Model Dependent)
Voltage	220–380 V
Driven Type	Electric
Warranty	1 Year

[Full specifications online](#)
[Get a quote](#)


Bar Chamfering Machine

Bar Chamfering Machine for pipe end preparation and fabrication. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across India and to the...

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12

Specialized Pipe & Fabrication Machinery

Advanced pipe end facing machines, bar chamfering, pipe beveling, and CNC hydraulic round pipe punching equipment.

13 machines



CNC Round Pipe Hydraulic Punching Machine

CNC Round Pipe Hydraulic Punching Machine for pipe end preparation and fabrication, capacity 45 Holes/min, motor power 7.5 kW / 11 kW / 18.5 kW. Built in Ludhiana and run off before...

Control	CNC Automatic
Certificate	CE Certified
Capacity	45 Holes/min
Accuracy	±0.3mm
Max. Material Thickness	10mm (Customizable)

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MIG Welding Machine

MIG Welding Machine for pipe end preparation and fabrication. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across India and to the GCC.

Driven Type	Hydraulic
Country of Origin	India
Application	Welding

[Full specifications online](#)
[Get a quote](#)


Multipurpose Bending Press

Multipurpose Bending Press for pipe end preparation and fabrication, tonnage capacity 10–100 Tons, stroke length 100–300 mm (adjustable). Built in Ludhiana and run off before...

Feature	Specification
Type	Hydraulic / Mechanical (model d...
Tonnage Capacity	10 – 100 Tons
Stroke Length	100 – 300 mm (adjustable)
Working Table Size	Custom sizes available

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Shaping Machine

Shaping Machine for pipe end preparation and fabrication, diameter of motor pulley 51–88 mm, power supply 1–10 HP. Built in Ludhiana and run off before dispatch.

Feature	Specification
Length of Ram	711 – 2108 mm
Power Supply	1 – 10 HP
Weight	450 – 3500 kg
Diameter of Motor Pulley	51 – 88 mm

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12

Specialized Pipe & Fabrication Machinery

Advanced pipe end facing machines, bar chamfering, pipe beveling, and CNC hydraulic round pipe punching equipment.

13 machines



Slotting Machine

Slotting Machine for pipe end preparation and fabrication, maximum stroke length 175 mm. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied...

Feature	Specification
Maximum Stroke Length	175 mm
Cross Feed	225 mm
Net Weight	850 kg
Gross Weight	975 kg

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Pipe Beveling Machine

Pipe Beveling Machine for pipe end preparation and fabrication, power (w) 3–5 kW. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across India an...

Type	Automatic
Weight	100–1000 kg
Voltage	380V
Driven Type	Hydraulic
Warranty	1 Year

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Two Roll Hydraulic Thread Rolling Machine

Two Roll Hydraulic Thread Rolling Machine for pipe end preparation and fabrication, motor power 1.5 kW–5.5 kW. Built in Ludhiana and run off before dispatch.

Type	Two Roll Hydraulic Thread Rollin...
Weight	100 – 1000 Kg
Color	Grey
Operation	Hydraulic
Thread Type	Metric, BSW, UNC

[Full specifications online](#)
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Semi Automatic Pipe Cutting Machine

Semi Automatic Pipe Cutting Machine for pipe end preparation and fabrication, drive motor 3 H.P., 960 R.P.M., hydraulic motor 2 H.P., 1440 R.P.M. Built in Ludhiana and run off before dispatch.

Drive Motor	3 H.P., 960 R.P.M.
Hydraulic Motor	2 H.P., 1440 R.P.M.
Coolant Motor	0.5 H.P.
Power Required	3 Phase, 6 K.V.A., 45 K.W.
Electrical Control	PLC with Touch Screen

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12

Specialized Pipe & Fabrication Machinery

Advanced pipe end facing machines, bar chamfering, pipe beveling, and CNC hydraulic round pipe punching equipment.

13 machines



Three Roll Hydraulic Thread Rolling Machines

Three Roll Hydraulic Thread Rolling Machines for pipe end preparation and fabrication. Built at the National Cutting Tools works in Ludhiana, run off before dispatch and supplied across...

Packaging Type	Wooden Box
Pressure	Low Pressure
Usage	Automotive Industry
Specialities	Cost Effective, Easy To Operate
Material	Mild Steel

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NEXT STEP

Request a quotation

Tell us what you need to produce and our Ludhiana works will reply with a technical offer and price for the right machine.

What to send us

- ✓ The machine, or the component you want to produce
- ✓ Material and size range: diameter, thickness, length
- ✓ The output you need per shift
- ✓ Site voltage, phase and frequency
- ✓ Delivery country and nearest port

How ordering works

- 1 Send your requirement**
By the website form, email or WhatsApp.
- 2 Receive a quotation**
Technical offer and price, EXW, FOB or CIF, built for your supply voltage.
- 3 Built in Ludhiana**
Manufactured at our works. The dispatch date is confirmed with the order.
- 4 Trial run**
The machine is run on test material before it is packed.
- 5 Dispatch**
Shipped from Mundra, Nhava Sheva (JNPT), Kandla with export documents.

Where we ship

COUNTRY	DISCHARGE PORT	SEA TRANSIT FROM INDIA	ELECTRICAL BUILD
United Arab Emirates (UAE)	Jebel Ali Port, Dubai	4 - 7 days	380 - 415V, 3 - phase, 50 Hz
Saudi Arabia (KSA)	King Abdulaziz Port, Dammam	6 - 9 days	380V, 3 - phase, 60 Hz
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Oman	Port of Sohar	4 - 7 days	415V, 3 - phase, 50 Hz
Malaysia	Port Klang	8 - 12 days	415V, 3 - phase, 50 Hz



PHONE

+91-9888210800
+91-8434010000



WHATSAPP

+91-9888210800



OFFICE

+91-161-5079000



EMAIL

nationalcuttingtools@gmail.com



WORKING HOURS

Mon - Sat: 9:00 AM - 7:00 PM IST



WORKS

E-452, Phase VI, Focal Point, Ludhiana, Punjab 141010, India



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