



**BOMBAY  
TOOLS** YOUR  
INDUSTRIAL  
PARTNER

TOOLS &  
INSTRUMENTS  
FOR EVERY  
**INDUSTRY**

# BOMBAY TOOLS

YOUR  
INDUSTRIAL  
PARTNER

Established in Mumbai in 1980 we at Bombay Tools are leading suppliers of precision measuring instruments & industrial tools. Our brand attributes that makes us a preferred choice for industry experts are:



## **Innovation**

We are constantly looking to add new products to our portfolio that simplifies the workflow & improves safety for our customers



## **Just In Time inventory**

We maintain enough stock so that our partners don't have to block their cash flow with unnecessary inventory



## **Delivery**

We meet the urgent demands for tools & instruments & ensure our order processing system is the leanest



## **Pricing**

Reasonable & sustainable pricing model & fair business policies creates a win-win situation

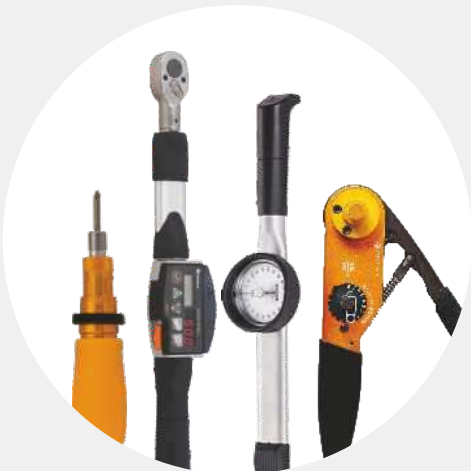
## TOOLS FOR YOU

With our approach of providing industry specific tools we present you three dedicated product categories for **Safety, Measurement & General Tools**



**GETSAFE**  
INDUSTRIAL SAFETY  
EQUIPMENT

**MEASURE UP**  
MEASURING EQUIPMENT FOR  
INDUSTRIAL NEEDS



**TOOL'IT**  
TOOLS FOR ASSEMBLY,  
OPERATION & MAINTENANCE

# GET SAFE

## INDUSTRIAL SAFETY EQUIPMENT

Get Safe range of products help improve safety in your plant - whether it be working in hazardous locations with highly flammable gases, performing electrical operations & maintenance or ensuring sterile environment is maintained in critical applications. We are proud to introduce our non-sparking tools made from an innovative alloy - Copper Titanium

## SPECIALLY FOR INDUSTRIES



Oil & Gas  
Industries



Steel  
Industries



Chemical &  
Fertilizers



Pharmaceuticals  
Companies



Automobile  
Manufacturing



Power &  
Utilities



Cement  
Factories



Breweries &  
Distilleries



## NON-SPARKING HAND TOOLS

Our Non-Sparking Tools are the best alternative to regular steel tools and finds application in potentially explosive environments. Non-Sparking tools are mandatory in any environment where an ignition source can result in a fire or explosion.

**Our tools are tested and complies to IS 4595 standard for non-sparking property**



Non  
Sparking



Good  
Hardness



Corrosion  
Resistant



Non  
Magnetic



High  
Strength



Good  
Conductivity

## INDUSTRIES

Oil & Gas (Upstream, Midstream, Downstream)

Chemical Industry

Pharmaceutical Industry

Automobile Industry

Thermal Power Plants

Fertilizer Plants

Sugar Mills

Breweries & Distilleries

Paint, Lacquer & Varnish Industry

Explosive & Ammunition Plants

Waste Treatment Facilities

First Responders

## Applications of Non-Sparking Tools

Need these extensively for various applications

In manufacturing, handling and storage of flammable liquids & gases

Storing and handling of various hazardous chemicals

Maintenance in Paint shops

Handling Hydrogen gas cylinders

Dealing with ammonia gas

Dealing with combustible sugar dust

Manufacturing & storing of alcohols

Handling of solvents & varnishes

Explosive Dust

Presence of flammable vapors

Firefighters and bomb disposal squads

\*Note the above list is not exhaustive

## MATERIAL COMPOSITION

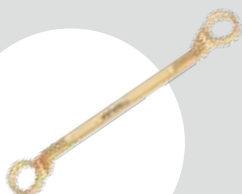
We offer 2 kinds of materials for non-sparking tools, Copper-Beryllium alloy (Be-Cu) and Aluminium-Bronze (Al-Br) alloy:

COPPER-BERYLLIUM ALLOY	
Composition	Be: 1.8%-2% Ni: 0.2%-0.5% Others: <0.5% Rest: Cu
Hardness	35-40HRC
Tensile Strength	~1100

ALUMINIUM-BRONZE ALLOY	
Composition	Al: 10%-12% Ni: 2%-5% Fe: 1.5%-3% Others: <0.5% Rest: Cu
Hardness	25-30HRC
Tensile Strength	~800 N/mm2



**D/E OPEN SPANNER**  
6X7mm to 46X50mm



**D/E RING SPANNER**  
6X7mm to 46X50mm



**COMBINATION SPANNER**  
6mm to 50mm



**SLOGGING OPEN SPANNER**  
17mm to 150mm



**SLOGGING RING SPANNER**  
17mm to 150mm



**BALL PEIN HAMMER**  
230g, 340g, 450g, 910g



**CLAW HAMMER**  
230g, 450g, 910g



**SLEDGE HAMMER**  
450g to 9900g



**ADJUSTABLE WRENCH**  
6" TO 36"



**PIPE WRENCH**  
8" TO 36"



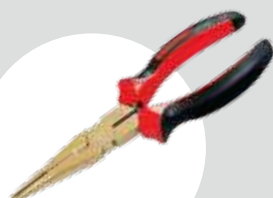
**ALLEN KEY**  
1.5mm to 41mm  
1/16" TO 1"



**CYLINDER KEY**  
1.5mm to 12mm



**COMBINATION PLIER**  
6", 8"



**LONG NOSE PLIER**  
6", 8"



**DIAGONAL CUTTING PLIER**  
6", 8"



**GROOVE JOINT PLIER**  
12"



**WIRE STRIPPING PLIER**



**BUNG WRENCH**



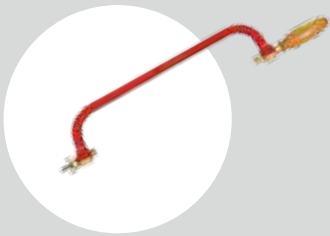
**FLAT SCREWDRIVER**  
50mm to 350mm



**PHILLIPS SCREWDRIVER**  
50mm to 350mm



**DRUM OPENER**



**HACKSAW FRAME**



**HACKSAW BLADE**  
300mm



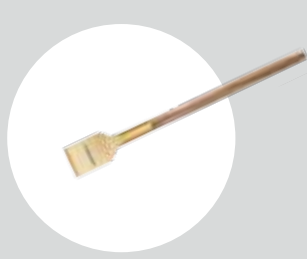
**CYLINDER KEY**



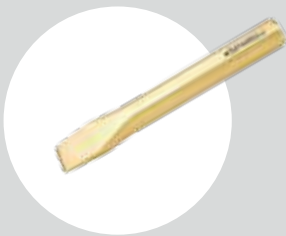
**CLAMP**



**FUNNEL**



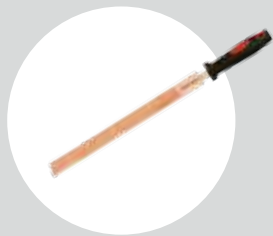
**SCRAPPERS**



**CHISELS**



**PUTTY KNIFE**  
75mm, 100mm, 150mm



**FILES**  
6", 8", 10", 12"



**IMPACT SOCKET**  
6mm to 32mm



**SLIDING T HANDLE**



**DRIVER EXTENSION**



**RATCHET WRENCH**  
1/2" to 3/4"



**FIREMAN AXE**



**CARBIDE DRUM OPENER**



**NON SPARKING TOOLKIT**  
21 PC SET



**EMERGENCY TOOLKIT**  
OISD 117



**SOCKET SET 17 PCS**



**SOCKET SET 32 PCS**



**NON SPARKING TOOLKIT**  
26 PC SET

## USE NON-SPARKING TOOLS IF

You are <b>loading/unloading solvents</b> & other chemicals in your plant	You perform regular <b>maintenance of paint shops</b> in an automotive industry	You are <b>operating an Oil &amp; Gas storage &amp; distribution plant</b> such as a terminal or depot
You perform <b>maintenance of tanks &amp; other structures</b> in an Oil & Gas plant	You operate a bottling facility for LPG or other flammable gases	Your plant requires a regular <b>feed of highly combustible gases</b> such as hydrogen, butane, methane, propane or produces residual gases that are flammable
<b>Cleaning &amp; maintenance of chemical reactors</b>	<b>Operation &amp; maintenance of LPG &amp; LNG bullets</b>	

Note: The above list is not exhaustive & you should consult your Health & Safety team for best practices

# INSULA

## INSULATED HAND TOOLS FOR ELECTRICAL SAFETY

### 1000 Volts insulated tools

Electrical Cars, Automation, IoT, & AI in the Industrial space are already here. To support new as well as existing technologies requires the industry to maintain labyrinth network of electrical cables, circuitries & panels. In our quest to be more intelligent 'safety' cannot be neglected at any point. For regular operations & maintenance of electrical equipment & circuitry requires the correct set of tools. Our full range of Insulated Hand Tools have been providing to the industry the tools needed for the above.

### Why 1000 Volts insulated tools?

The working end (business end) of hand tools are made from regular steel or chrome vanadium. This poses a major risk of shock for operators performing electrical operation or maintenance. Insulated tools are basically made from regular steel alloy with a PVC insulation that is applied using either of the 2 processes – dipping or injection moulding. Both these processes are carefully applied to each tool to ensure correct amount of insulation.

## WHY INSULA

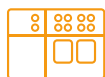


When working in live wires/ systems these tools provide insulation from electric shock



During electrical ops & maint systems remain energized even after shutdown. These tools provide safety to operator from fatal shock

## SPECIALLY FOR INDUSTRIES



Control  
Panels



Live  
Wires



Batteries



Electricals  
Cars



Busbars



**OPEN SPANNER**  
6mm to 32mm



**RING SPANNER**  
6mm to 32mm



**RING GEAR WRENCH**  
10mm to 19mm



**ADJUSTABLE WRENCH**  
200mm, 250mm, 300mm



**SOCKET WRENCH**  
8mm to 19mm



**ALLEN KEY**  
3mm to 12mm



**SOCKETS (1/2" SQ DR)**  
10mm to 32mm



**RATCHET HANDLE**



**T-HANDLE**



**L-HANDLE**



**TORQUE WRENCH**



**COMBINATION PLIER**  
160mm, 200mm



**DIAGONAL CUTTING PLIER**  
160mm, 180mm



**LONG NOSE PLIER**  
160mm, 180mm



**CABLE SHEAR**  
160mm, 180mm



**SLOTTED SCREWDRIVER**  
75mm to 150mm



**PHILLIPS SCREWDRIVER**



**CABLE KNIFE**



**SCREWDRIVER SET**  
12PC



**INSULATED TOOLKIT**  
25 PC SET



**INSULATED TOOLKIT**  
52 PC SET



**OPEN END SPANNER SET**  
20 PC SET



**RING END SPANNER SET**  
20 PC SET

# STERILA

## STAINLESS STEEL HAND TOOLS

Contamination is a serious threat in Food & Drug manufacturing. FDA enforces cGMP to ensure systems that assure proper design, monitoring, and control of manufacturing processes and facilities. Hand Tools used in maintenance in a critical environment needs very high resistance to corrosion. This property ensures that tools can be sterilized through multiple cycles

Our range of SS tools (SS304 and SS316) are perfectly suited for the above environments in the Food and Pharma industry. We offer a complete range of tools that may be needed in injectables and other applications that will mitigate risks of contamination and help manufacturers with strong cGMP and adherence to FDA rules.

### WHY **SS304**



Comparatively Soft, cannot be Hardened



Non-Magnetic



Widely used in Organic and Inorganic Chemicals, Dyes, Food & Pharma Industries



High level of Corrosion and Oxidation resistance by most Organic and Inorganic Chemicals

### WHY **SS316**



Autoclavable



Non-Magnetic



Higher level of Corrosion Resistance than SS304, Resistant to most Chemicals



Suitable for FDA Compliant Production and Packaging Areas

### WHY USE TOOLS MADE FROM STAINLESS STEEL?

- Our stainless steel alloy tools can be sterilized repeatedly in an autoclave
- SS tools do not contaminate other SS components & prevents rusting & corrosion
- It is well suited for a non-magnetic application
- Our SS tools have over 10% chromium. Chrome forms an invisible layer of chromium oxide which protects the core from rusting
- If the tool layer is damaged mechanically or chemically oxidation will repair the layer again

#### Risk of Process Contamination

Low

#### Particulate Generation

Homogenous material- No plating/ coating to peel/ chip

#### Sterility

Designed specifically for routine sterilization through thousands of cycles

#### Ferrous Contamination

Pure chromium oxide surface creates passive (non-reactive) layer with no iron contamination

#### Cost

Long life of the tools eliminates need for replacement & quickly maximizes return on investment

#### Design

Designed & specified for critical environment applications

#### Critical Environment

No negative impact on critical environments



**D/E RING WRENCH**  
Size in mm: 6 x 7 to 30 x 32



**CROSS PEIN HAMMER**  
Weight in gm: 450



**COMBINATION WRENCH**  
Size in mm: 6 to 32



**D/E OPEN WRENCH**  
Size in mm: 6 x 7 to 30 x 32



**ADJUSTABLE WRENCH**  
Size in inch: 6, 8, 10, 12, 15



**HAMMER**  
Weight in gm: 230, 450



**SLOTTED SCREWDRIVER**  
Size in inch: 6, 8, 10, 12



**PHILLIPS SCREWDRIVER**  
Size in inch: 6, 8, 10, 12



**COMBINATION PLIER**  
Size in inch: 8



**ADJ COMBINATION PLIER**  
Size in inch: 8



**T-TYPE HEX KEY BALL END**  
Size in mm: 3 to 10



**WATER PUMP PLIER**  
Size in inch: 10, 12



**LONG NOSE PLIER**  
Size in inch: 8



**ALLEN KEY**  
Size in mm: 1.5 to 12



**MINI PLIER**  
Size in inch: 6



**DIAGONAL CUTTING PLIER**  
Size in inch: 8

# MEASURING SOLUTIONS FOR THE FOLLOWING CATEGORY OF APPLICATIONS

## GENERAL MEASUREMENT

There is no industry worldwide that can operate without these staple measuring instruments – Vernier Calipers, Micrometers, Dial Gauges, Height Gauges, etc. These tools are necessary in production, QA & inspection, workshop, labs etc. While there are plenty of suppliers for these products in the market those offering genuine instruments are very few. Bombay Tools is a name that you can trust to provide you genuine gauges at economical pricing. Please see our below range of products & feel free to inquire with us for more complex needs.



**VERNIER  
CALIPERS**



**MICROMETERS**



**SURFACE  
ROUGHNESS TESTER**



**DIAL  
GAUGES**



**HEIGHT  
GAUGE**



**OIL DIP  
TAPE**

## NDT, PAINT & SURFACE TESTING EQUIPMENT

Non-destructive testing has seen huge innovations in the last 3 decades. Inspection equipment for coatings & metal industry now offers a plethora of solutions for inspections at various constructions sites, industrial plants, labs as well as to coating service providers. Similarly in the metal & rubber industry a range of NDT equipment is available for measuring metal hardness, thickness, flaws, profiles, films, cracks, etc.



**ELCOMETER  
UK COATING  
THICKNESS GAUGE**



**PRECIGAUGE  
COATING THICKNESS  
GAUGE**



**ULTRASONIC  
THICKNESS GAUGE**

## NDT, PAINT & SURFACE TESTING EQUIPMENT



**CROSS HATCH CUTTER**



**FORD CUP**



**PRESS O FILM**



**SURFACE PROFILE GAUGE**



**HARDNESS TESTERS**



**WET FILM THICKNESS (WFT) GAUGE**

## ATMOSPHERIC TESTING INSTRUMENT

We offer solutions for measuring various environmental/atmospheric parameters such as temperature, sound, light, vibration, humidity & RPM. You may need the same for your compliance check or to monitor & maintain temperature & humidity in a lab environment. Those within the HVAC industry need these instruments for their installations. Monitor & optimize light levels, reduce the energy burden of buildings by significantly increasing the efficiency of the lighting system with a light meter. Or check the moisture content of building materials for water damage or harmful mould growth, using a moisture meter. Whatever the application we have a solution for you.



**ANEMOMETER (WIND VELOCITY METER)**



**TACHOMETER (RPM METER)**



**INFRARED THERMOMETER**



**LUX METER**



**SOUND LEVEL METER**



**VIBRATION METER**

## ATMOSPHERIC TESTING INSTRUMENT



**THERMO  
HYGROMETER**



**ALCOHOL  
TESTER**



**MULTI-GAS  
DETECTOR**

## WELDING INSPECTION GAUGES

Inspection of welds is simplified with our full range of weld gauges below. You can measure Weld Throat Thickness, Butt Fillet Type Welds, Weld Length, Misalignments (High-Low) as well as pits & undercuts.



**BRIDGE CAM  
GAUGE**



**FILLET WELD  
GAUGE**



**DIGITAL WELD  
GAUGE**



**AWS WELD GAGE**



**V-WAC SINGLE  
WELD GAUGE**



**INSPECTION  
MIRRORS**

## BRANDS THAT TRUST **MEASURE UP**

- ISRO
- Siemens
- Godrej
- Larsen & Toubro
- Rosenberger
- BDL
- BEML
- Ordnance Factory
- Ultratech Cement
- SHV Gas
- Hathway
- Reinhardt
- Dreager

# TOOLIT

TOOLS FOR ASSEMBLY, OPERATION & MAINTENANCE

## Tools for assembly, Operations & Maintenance

We offer limited albeit highly durable & quality tools under our Toolit Range of products. We offer Tohnichi & Britool Torque Wrenches for the automotive & other specialized industries where high torque accuracy is critical. At the lower end of the spectrum we offer Indian torque wrenches that are workshop grade & useful for general applications where accuracy is not very critical.

Surface Plates & straight edges are a common requirement in all manufacturing facilities as well as labs as horizontal reference plane for precision inspection, layout & tooling setup.

## SPECIALLY FOR INDUSTRIES



Textile  
Industries



Engineering  
Companies



Telecomm-  
unication



FMCG  
Manufacturing



## TORQUE WRENCH



**BRITool TORQUE  
WRENCHES**



**INDIAN TORQUE  
WRENCHES**



**TOHNICHI JAPAN  
TORQUE WRENCHES**



**TORQUE  
MULTIPLIERS**



**DIGIAL TORQUE  
WRENCH**



**TORQUE  
SCREWDRIVER**

## MACHINE TOOLS



**SURFACE  
PLATE**



**STRAIGHT  
EDGES**



**VEE BLOCKS**

## BRANDS THAT TRUST **TOOL IT**

- Rane NSK Group
- Hero Moto Corp
- SHV Gas
- Hathway
- Reinhardt
- Ceat Ltd
- RPG Group
- Hindalco Industries Ltd
- Indian Oil Tanking
- Deccan Fine
- Powermech
- Offshore Infrastructures Ltd

## YOU SHOULD BE USING **TOOL IT** PRODUCTS IF

You are a service & maintenance engineer requiring durable & ergonomic tools

Your team is tasked with installing new machinery esp with space constraints

You are running a workshop or lab that requires perfect tooling setup

# BOMBAY TOOLS

YOUR  
INDUSTRIAL  
PARTNER



Scan the QR code  
for more Varients

## **Bombay Tools Centre (Bombay) Pvt. Ltd.**

Plot 22H, 224 Nesbit Compound,  
Opposite Jupiter Tower/ SBI Bank,  
Nesbit Road Mazagaon, Mumbai 400010

☎ +91 85913 06264

✉ [info@bombaytools.in](mailto:info@bombaytools.in)

Follow us on:

[f](#) [t](#) [in](#) /thebombaytools

[www.bombaytools.in](http://www.bombaytools.in)