



Ludhiana

Machine Tools Pvt Ltd



CNC TURNING LATHES



TURN MILL CENTER



VERTICAL MACHINING CENTER



VERTICAL TURNING LATHE



Thanks to technology, living life is now hassle-free, smooth, and convenient. Life sans technology is life sans possibilities. At Ludhiana Machine Tool Pvt. Ltd, we were incepted in 2008 with the mission of building solutions in technology for the sake of contributing to a healthy life. Based in Ludhiana, we are one of the leading one-stop solution manufacturer, exporter, and supplier for Vertical Machining Center, Turn Mill Center, CNC Turning Lathes, and Vertical Turning Lathes. Our hard-work towards innovation leads us to get the possibilities materialized that can ensure a 100% satisfying life.



www.lmtcnc.co.in

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Our hard-work towards innovation leads us to get the possibilities materialized that can ensure a 100% satisfying life. Our dedication to using state-of-the-art technology to manufacture the offered machines and tools ensure the premium quality of every product. We have a year of experience in machining enter development and research, and we have rightfully risen as the reputed machining center in India.

Best-in-Class Machines Built with Advanced Methods

We own one of the biggest in-house manufacturing units that help us install machines successfully nationwide. No wonder, we always lead the market with the largest booming machining center technological advancements all of which are strategically put to make optimum benefits for every customer.

All of our doled-out machines are engineered using quality-approved materials and modern technology under the direction of professionals at the fully-equipped infrastructure unit. Apart from this, we are looked up for our flawless finish standard, premium quality, and optimum performance.

Vision :

- ➡ To be recognized as more reliable and one of the top 20 World Class Machinery builders and Developers.
- ➡ To be recognized as the most advanced machinery manufacturer.
- ➡ Having presence and good hold in all major engineering hubs world Wide.
- ➡ Promoting Eco-friendliness by developing energy efficient machinery, Maintaining Chip and fume management and lowering the noise level by using low friction and high quality parts.
- ➡ Considered to be the most preferred and available Company to work with all our business associates
- ➡ Being exceptionally customer centric, delighting all our customers by all means and action.
- ➡ Producing Value for Money Machines, Deeply admired brand among the machine tool fraternity

CNC TURNING LATHES



STT Series CNC Turning Lathe

Finishing	:	Powder Coated
Speciality	:	Easy To Use, Robust Construction
Usage	:	Turning
Material	:	Mild Steel
Corrosion Resistance	:	Yes
Automation Grade	:	Semi Automatic
SKU	:	STT Series

Machine Characteristics

- STT (Slant Turret Tail Stock) a rigid and Compact Design
- True Align True Slant Mono Structure high Quality High Graded Cast Bed » Best Coolant and Chip Management
- Adjustable operator Panel
- High speed Bi-Direction Turret
- Cylindrical roller Type LM Guideways
- Automatic Tail Stock with Cylindrical Roller LM Guideways to help easy Setup and best Run out Control for Longer shafts
- Cartridge Type Spindle

STT Smart Machine Designs to fulfil different requirements like heavy Cuts, High Accuracy and High Productivity. Here STT Series, a True Slant Monoblock Series, is Designed with 8 Station Bi-direction Turret and Tail Stock. Big Length Machines are occupied with Automatic Tail Stock Moving with Hydraulic Cylinder on Lm Guideways. Monoblock Bed Structure designed for enhanced accuracy and Right Angle, which is very helpful in achieving the best angle and Parallelism wrt face.



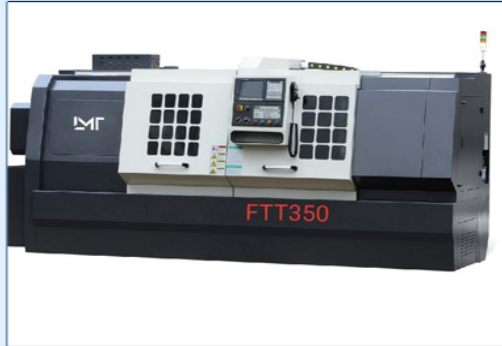
CLS Series CNC Turning Lathe

Finishing	:	Powder Coated
Machine Weight	:	100-1000 Kg
Speciality	:	Easy To Use
Usage	:	Turning
Material	:	Mild Steel
Color	:	Grey
Voltage	:	220V

Machine Characteristics

- CLS (Chucker Lathe Slant bed) Designed for Chucking Components to achieve high production With maintained accuracy level » True Slant True Align Mono Cast bed
- Best Coolant and Chip Management
- Available in different kind Tooling Options Like Linear Gang and Bi-Directional Turret
- Available in Linear Motion Guideways and Hard Guideways
- Cartridge Type Spindle

In Gang Tool Chucker we have Flat as well as Slant bed Monoblock models. As Gang Tools has more accuracy ,fast productivity ,Long Life and Low cost ,we introduced it for small as well as bih chucking Components . Smart Machine Designs to fulfil different requirements like heavy Cuts, high Accuracy and High Productivity .Here CLF is for flat bed and CLS Slant bed Chucker lathe. CLF/CLS Chuck Size 6 inch Max length 200



FTT Series CNC Turning Lathe

Finishing	: Powder Coated
Machine Weight	: 100-1000 Kg
Speciality	: Easy To Use, High Efficiency
Usage	: Turning
Voltage	: 380V
Automation Grade	: Semi Automatic

Machine Characteristics

- FTT (Flatbed Turret Tail Stock) best design for Chucking and longer Shaft parts
- Less deflection as bed and saddle on the same angle without any packed carriage » High-Quality High Graded Cast Bed
- Center Bal screws unlike ordinary designs
- Telescopic and Full Guarded ball Screw and Guideways
- Best Coolant and Chip Management
- Bi-Directional Turret » Linear Motion Guideways
- Tail Stock With Add on Rotating Center and hydraulic Quill
- Cartridge Type Spindle

FTT Smart Machine Designs to fulfil different requirements like heavy Cuts, High Accuracy and High Productivity. Here FTT Series, a Flatbed Series, is Designed with 8 Station Bi-direction Turret and in line Tail Stock. Its Centralized ball Screw, Direct Mounted XZ Servo Motor and Ac Syn Servo Spindle. XZ Both Slides are Covered with Telescopic Covers. The Same angle of Z And axis making it more accurate than a Two-piece Saddle which is very helpful in achieving the best angle and Parallelism wrt face. It's designed by considering best Chip management and longer parts like Shafts, Axles and Pipes.



AL Series CNC Turning Lathe

Finishing	: Powder Coated
Speciality	: Easy To Use, High Efficiency
Material	: Mild Steel
Color	: Black
Voltage	: 220V
Corrosion Resistance	: Yes
Automation Grade	: Automatic

Machine Characteristics

- AL (Auto Loader Lathes) Understanding requirements of future ,Making Production more Efficient and Constant and Controlled rejection Level and to avoid difficulty in Speed of loading Small Parts
- Different kind Auto Loaders according to input material variations and Volume
- Easy to change Component and Program
- More Feasible and applicable » Less investment » Low maintenance Cost
- Integrated to machine no add on controller » No Need to appoint different Operator , Programmer or Electric Supply.
- Increased Productivity and Tool Life » Available in Flat and Slant Bed
- Suitable for Bar as well as Chucking Components
- Easy To Operate and maintain » Best Coolant and Chip Management
- Available in different kind Tooling Options Like Linear Gang and Bi-Directional Turret
- Gantry, Bar feeder and Plc Auto loader to meet various applications

TURN MILL CENTER



TMT Series Turn Mill Center

Material	:	Metal
Thickness	:	0-20mm
Application	:	Industrial
Color	:	Grey
Feature	:	Rust Proof
Finishing	:	Coated

Machine Characteristics

- TMT (Live Tool Turret Slant Bed) a rigid and Compact Design
- True Align True Slant Mono Structure high Quality High Graded Cast Bed
- Best Coolant and Chip Management
- 4 Linear and 4 Rotary Axis in Sub Spindle TMT08SY (X Z C1 C2 B A & Y axis)
- Adjustable operator Panel
- 12 Position High speed Bi-Direction Servo Turret
- Cylindrical roller Type LM Guideways
- Automatic Tail Stock with Cylindrical Roller LM Guideways to help easy Setup and best Run out Control for Longer shafts
- Inbuilt Spindles to minimize PCD errors and Fast Accelerations.
- 15Kw and 22kw Main Spindle Power.

TMT Turret Type Turnmill Centers Can Do Turning, Drilling ,Tapping, Slotting, Facing and many other milling operations in same setup after Turning.This is a Smart Machine Designs to fulfill different requirements like heavy Cuts, High Accuracy and High Productivity. Here TMT Series, a True Slant Monoblock Series, is Designed with 12 Station Bi-direction Live Tool Turret and Tail Stock. Big Length Machines are occupied with Automatic Tail Stock Moving with Hydraulic Cylinder on Lm Guideways.



TML Series Turn Mill Center

Material	:	Metal
Thickness	:	0-20mm
Application	:	Industrial
Color	:	Grey
Feature	:	Durable
Finishing	:	Coated

Machine Characteristics

- Easy to Operate and Easy to repair.
- Can be Customized very easy as per order.
- Accurate , Low Maintenance .
- True Align True Slant Mono Structure high Quality High Graded Cast Bed also available
- Best Coolant and Chip Management
- Double Door for Long Turning Length Machines
- High speed Bi-Direction Turret
- Available With Cylindrical roller Type LM Guideways, Ball LM as well Hard Guideways.
- Available With Tail Stock
- Available in Belt driven as well as Inbuilt Spindles

VERTICAL MACHINING CENTER



VMC Series Vertical Machining Center

Application	:	Industrial
Color	:	Grey
Voltage	:	220V
Automatic Grade	:	Automatic
Driven Type	:	Electric
SKU	:	VMC-Series

Machine Characteristics

- VMC (Vertical Machining Center) High Efficiency and Higher performance series designed for a wide range of Milling Operation. » High-Grade FG 260 Cast bed » High-Speed Milling
- Suitable for Die Mold Application
- Auto Tool Changers » Suitable for Die Mold and Production applications
- Suitable for Heavy Loads » Suitable for Cast iron and Steel Parts
- High Spindle Speeds, Higher Accuracy and Rigid Spindles (run out 3um)
- Also Available with 4th and 5th axes.
- Higher force Tool Cylinders » Low maintenance Cost » Lower Running Cost
- Best Coolant and Chip Management, Heavy Telescopic Guards
- Enhanced Productivity and Accuracy, Easy To Clean and maintain

Understanding Milling Application we have designed and categorized machining centers as High Performance VMC Series to meet all heavy cutting load and high cutting Speeds. This Series is C Frame Casting Bed loaded with Auto Tool Changers to perform best on Die mold makings well as production applications. EVMC series is also C frame like VMC Series but its made by considering manufacturing cost and reliability. Here AutoTool Changers are not standard part also are for medium loads.



Double Column Gantry Vertical Machining Center

Application	:	Industrial
Weight	:	100-1000kg
Color	:	Grey
Automatic Grade	:	Fully Automatic
Power	:	1-3kw
Driven Type	:	Electric

Machine Characteristics

- DC (Vertical Machining Center) High Efficiency and Higher performance series designed for a wide range of Milling Operation.
- High-Grade FG 260 Cast bed » High-Speed Milling
- Capable for Mother Machinery for Machining of Rotary Dies (Biscuit), CNC Bed, Gas Plant Machinery.
- Suitable for Pattern Making & Die Mold Application
- High Capacity Auto Tool Changers
- Suitable for Heavy Loads » Suitable for Cast iron and Steel Parts
- High Spindle Speeds, Available in BT40, BT50 & HSK63A Spindles.
- Higher Accuracy and Rigid Spindles (run out 5um)
- Also Available with 4th and 5th axes.
- Higher force Tool Cylinders, Hydraulic Tool Clamp Also Available
- Low maintenance Cost » Lower Running Cost

VERTICAL TURNING LATHE



Finishing	:	Powder Coated
Speciality	:	Easy To Use, High Efficiency
Power Range	:	3-5 KW
Material	:	Metal
Color	:	Grey
Voltage	:	380V
SKU	:	VTL-Series

Machine Characteristics

- VTL (Vertical Turning Lathe) VTL designed for a wide range of Components which are difficult to load or hold on Horizontal Lathes.
- Heavy Spindles » Suitable for Heavy Parts' Machining » Suitable for Cast iron and Steel Parts
- Also Available in H Type 4 Station Electric Turret to avoid Tool interference on bigger part dia and Long Tool Lengths.
» Also Available in Work Table in lieu of Hyd Chuck
- Cutting hard materials
- Low maintenance Cost » Lower Running Cost » Rigid Turrets
- Available in LM Guideways and Hard Rectangular Guide Ways
- Increased Productivity and Accuracy, Easy To maintain

Vertical Turret Lathes are designed to do Turning on Big Diameter and Heavy Parts. In Today's Industry Automotive Sector's Expectations about Machining Parameters are Hard. Hence Considering Customer Requirements we made our VTLs Rigid and Accurate to give Good Satisfaction on Cast Iron and Steel Parts.

These Machines are occupied with Heavy Sheet Metal, Higher Torque Motors and Well Balanced X/Z Axis. We also Spindle Considered Spindle Rigidity and Accuracy which was a big Challenge for us to keep Speed and accuracy Approximately Same to Horizontal CNC Lathes with Such a Big Size bearings and Top Loading.

Standard Accessories : VTL 600 & VTL 800 Has 8 Position Heavy Duty Hydraulic Turret 150 CH imported from a well Known European Brand. It Comes with 60mm Boring Tool Capacity AND 32X32mm Turning Tool Capacity. We Also have Milling turret Available to VTL600. However VTL 1000 is With Heavy duty H Type Turret as 8 Position Couldn't Work on big Size parts and Long Boring and Drilling Application. All 4 Tool are 80mm and 50x50 Shank.

All VTLs Machines are with Hydraulic 3 Jaws Chuck and Solid Cylinders.

VTL600

Max Turning diameter 600mm , Chuck 18"
Max Turning Length 500mm
Tool 8 Position Hyd Turret
Spindle 15/18.5Kw , 1600 Rpm

VTL800

Max Turning diameter 800mm , Chuck 20"
Max Turning Length 800mm
Tool 8 Position Hyd Turret * H Type 4 Station
Spindle 22/18.5Kw , 1200 Rpm

VTL1000

Max Turning diameter 1000mm , Chuck 26"
Max Turning Length 800mm
Tool 4 Position H Type Turret
Spindle 22/18.5Kw , 800 Rpm

VTM600

Max Turning diameter 600mm , Chuck 18"
Max Turning Length 500mm
Tool 12 Position live Tool Servo Turret
Live Tool Power 5.5/7.5 Kw
Spindle 15/18.5Kw , 1600 Rpm

MS. PK SIDHU



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