



ARKMach
Tek Pvt. Ltd.

MACHINES Should Work
PEOPLE Should Think



Specialised for the Purpose of Gear Cutting
& Grinding Applications

www.ARKmpl.com

We are among India's finest, most economic yet value driven CNC Gear Cutting, Bore & Track Grinding Machines manufacturer.



Gear Cutting Machines



6 Axis CNC Hobbing Machine
CNC Hobbing machines of different sizes produced by ARK, are designed to manufacture highly accurate gears for various state-of-the-art applications.



4 Axis CNC Shaping Machine
Independent servo axis for table and cutter spindle along with hydro-static guide are provided on CNC Shaping machines designed by ARK to meet ever evolving needs of the modern industries.



3 Axis CNC Shaving Machine
CNC Shaving machines designed by ARK, are having independent Servo Cutter rotation axis, which helps the industry to optimize their production and efficiencies.

The Machines:

The gear cutting machines manufactured by ARK MachTek offers additional capabilities such as introduction of a bearing spindle with hydraulic clamping & automation of the swivel axis. Our grinding machines are equipped with features such as hydrostatic guide for linear motion and completes loading & unloading of components within one second. With software and hardware capabilities embedded in the machine, it offers its clients twice as much improvement in its efficiency, an achievement that ARK MachTek Pvt. Ltd. is proud of.

The Mark of Quality:

Even more, the company has an in-house gear testing machine facility that guarantees the assurance that every product reconditioned or manufactured will be defect-free. The processes at ARK MachTek are in compliance of stringent industry requirements. These include Statistical Process Control at the inspection & testing stage and comply to DIN Standards Class 6 to 8 during the trial of the machines. This ensures every machine checking out the facility is thoroughly inspected.

Industrial Internet of Things (IIoT):

ARK MachTek understands the future of the machines they build; depends on the leverage they can provide. That's where the Industrial internet of things (IIoT)-Industry 4.0 has made a major impact in the world of manufacturing excellence. The machines are IIoT-ready and are bundled with proprietary operating software developed by the research engineers at ARK MachTek.

The Technology:

ARK Suite 3.0 is a software solution offered that completely eliminates the need of programming the CNC for its intended applications. The out-of-box web and mobile IIoT application generates day-to-day operational and management reports, alerts on critical events and also facilitates predictive maintenance, based on machine learning. The application requires minimum configuration and seamlessly integrates with variety of manufacturing processes. The company is in a constant endeavor to provide enhancement features to its client. Thus making the machine experience more effective, efficient and seamless.

Ready to Take the Flight to Growth
The Future is here & now!



Grinding Machines



Bore Grinding Machine:
CNC Bore Grinding machine for high precision & high speed with hydrostatic guideways, efficient loading & unloading system.



Outer Ring Track Grinding Machine:
CNC Outer Ring Track Grinding machine for high precision & high speed with hydrostatic guideways, efficient loading & unloading system.



Ring Face Grinding Machine:
CNC Ring Face Grinding machine with job diameter of 10mm min. & 180 max. with CNC Dresser & complete automation.



The Legacy:

Incepted in the year 2000 by a group of technologists, ARK MachTek, today is among the fastest growing CNC reconditioning and manufacturing companies in India.

The Infrastructure:

Housing 02 dedicated facilities for research, engineering & manufacturing at Kharabwadi & Vasuli in Pune, the company is engaged in reconditioning, retrofitting & manufacturing of CNC machines specialised for the purpose of gear cutting & grinding applications.

The Ambition:

ARK MachTek Pvt. Ltd. is now looking to expand their horizon in the national & global markets, far more than ever before. We are ready to take the flight to growth & look forward to adding value to the businesses it caters at all times.

ARK MachTek- The future is here & now!

SOME OF OUR CLIENTS



KALYANI



A VOLVO GROUP AND EICHER MOTORS JOINT VENTURE



Powering Business Worldwide



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Tek Pvt. Ltd.

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