



An ISO 9001:2015 Certified Company



**TOGETHER
TWO STEPS
AHEAD**

Desai machine tools has been successfully providing renowned made in India products & services over 10 years. One principle is firmly rooted in our culture. Our customers with their unique challenges and ideas, always come first. They are our motivation and our drive. In this way, Desai machine tools or simply DMT has succeeded in making a name for itself in areas of machine tools. Instead of simply purchasing a machine, on request our customers also receive the complete know-how they need to produce high quality parts in efficient manner. As a result, we not only differentiate ourselves as a machine builder, but also help our customers to stand out in their markets.

MORE SUCCESSFUL TOGETHER

We believe we can make an important contribution to our customers' success and further development by using our personality, experience, commitment, integrity and team spirit to continually push back the boundaries of what is possible. This is how we are able to build unique productive and precise machines for our customers, manufacture sophisticated key components and pass on our valuable know-how.

THE CUSTOMER IN FOCUS

As we truly understand our customers and their requirements, because we face the same challenges every day. We seek out and value personal contact as the optimal way to collaborate and find the right answers to your questions. This enable us to help develop new processes, optimize existing ones and solve difficult problems, thereby increasing both our own and our customers' success and continuously expand the boundaries of what is feasible.

" We build machines with unmatched productivity and precision for the most demanding applications. Our machine and process expertise, our outstanding teamwork and effort to always find the best solutions play a decisive role here."

-- Sachin Desai



Sectors We Serve



Products And Services

Std. Centering & Plunge Facing Machine

This is our flagship rigid machine with high quality and flexible operation, with pan INDIA presence several machines are running successfully. With plunge type centering and facing operation machine is capable for maximum output with minimum cycle time. Rigid quill type headstock and self-centering vice assembly designed for repeated precise CF operation. Machine has wide range of machining capacity, Right now we have two models in the market CF 500 and CF 1000 which are PLC controlled and hydraulic operated, after one time job setting you can get maximum productivity. We offer complete centering and facing machining solution with full equipment's with respect to customer demands and requirements of the jobs. For special and complicated jobs, we offer top clamp fixtures for job clamping, these fixture are custom made and dedicated for CF operation are easy to mount, and very flexible to modify as per need.

- Ergonomic design, easy to operate, maintain.
- Rigid cast iron bed.
- Minimum set up time.
- Spindle thru. coolant system on both side.
- Complete tooling system with machine.
- Integrated chip tray and coolant tank.
- Rigid quill type headstock.
- Centralized lubrication system.
- Minimum foot print.

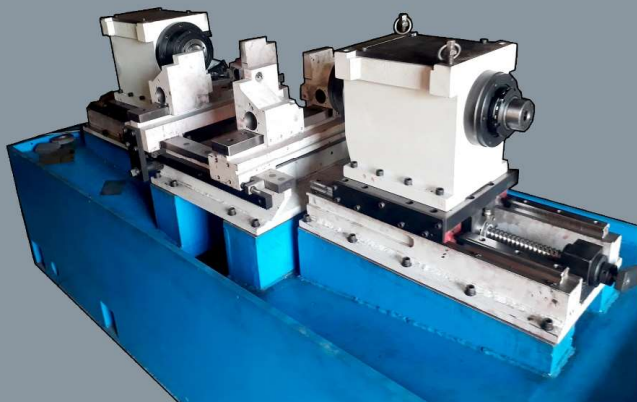


Specification :-

	CF 500	CF 1000
Max. Machining Dia.	65 MM	65 MM
Min. Machining Dia.	15 MM	15 MM
Max. Length	500 MM	1000 MM
Min. Length	100 MM	100 MM

CNC SPM Machines

Along with 17 years of experience in SPM machine design, we are now capable of producing high precision SPM machine with specific customer demands. Machine can be PLC or CNC controlled type, we have in house capacity to deliver the machine in time with best in class quality and workmanship. We offer complete turnkey solutions for the machining operation, even with any automation you need. In our tool room we almost produce everything that we design, most of our machine parts are in house manufacture with best in quality. In this area we also, offer custom made Headstocks, clamping units, fixtures, pneumatic systems or any other equipment's for your development projects. We also undertake machine reconditioning projects. For cost effective solutions for unique operational demands we are happy to help our customers.



Hydraulic Power Pack Units

As our most of machines are powered by hydraulic system we have vast experience in designing hydraulic power packs, along with we offer complete solutions for the system along with operational actuators.

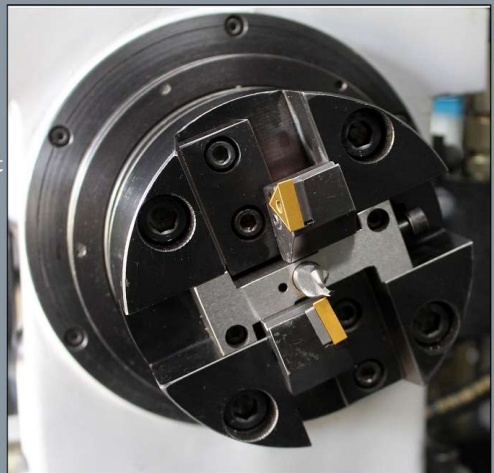
- Cost effective solutions.
- Easy to maintain.
- Operational flexibility and interchangeability of equipment's.
- Ergonomic design with low noise.



Tooling For CF Operations

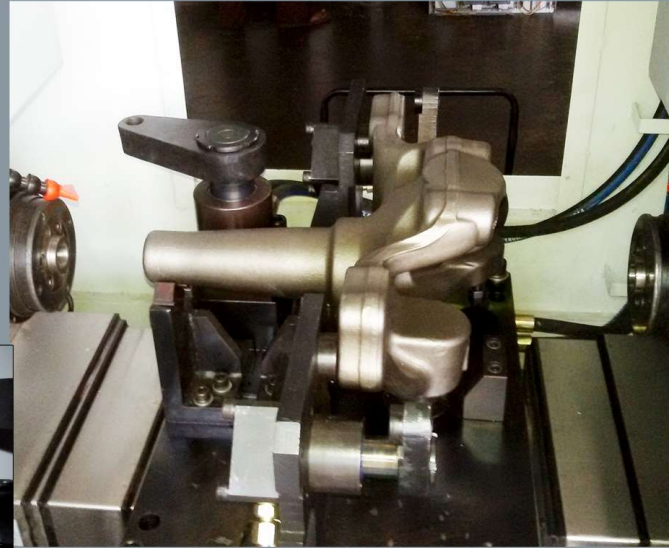
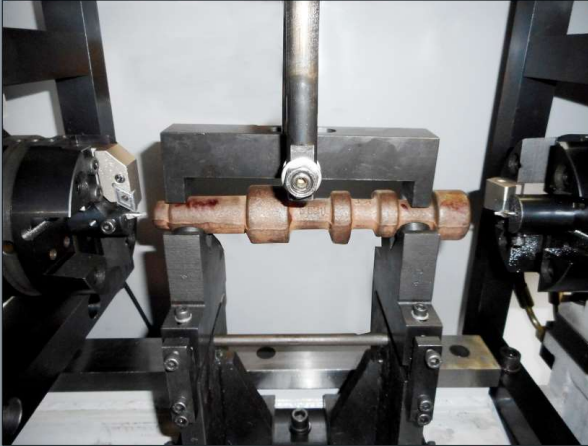
As we ourselves making machine for plunge centering and facing operation, we have in-depth knowledge of operation and tooling, on that experience we are able to design & develop our tooling system for the best of operational capacity with longer tool life. Our tooling system is very easy to maintain & operate. For flexibility in operation we use std. inserts and center-drills.

- Case hardened rigid tool holder body.
- Use of std. DNMG & TNMG Facing inserts.
- Can accommodate any std. center drill size.
- Spindle thru capacity while machining.
- Easy to mount and dismount on the machine.
- Easy to adjust facing tools and center drill height while mounted on the machine.
- Good surface finish and repeatability.



Hydraulic Fixtures

For any precise machining operation rigid clamping is utmost necessary, with years of experience we develop several fixtures. Job holding fixtures for VMC & SPM machining, drilling and of course centering facing operations are our area of expertise. Also, as we develop machines and hydraulic power pack units we can provide complete system solution for you.



Machine Automation

Here we can design and supply for auto job loading unloading, process or part inspection or any other automation you may need. With the help of third party we can provide the complete turnkey solutions for the requirements.

Any type of electrical reconditions of machines, automation, and development is also our area of work.





DESAI MACHINE TOOLS

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