

OUR CUSTOMERS



OUR PRODUCTS

- * Hydraulic /CNC Table Up Broaching Machine
- * Hydraulic Surface Broaching Machine
- * Gear Deburring and Chamfering Machine
- * CNC Gear Tooth Rounding and Chamfering Machine
- * CNC Gear Swaging Machine
- * CNC Fettling/Flash Grinding Machine
- * CNC VTL Machine
- * SPM CNC/PLC Control

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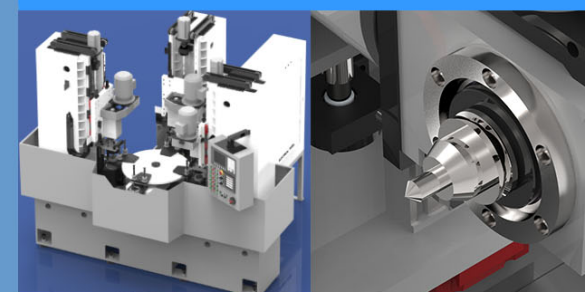




TABLE-UP BROACHING MACHINE

- *Requires no pit for installation
- *Operator would always work from the ground level
- *Low setup Time
- *Easy maintainence



CAPACITY

3 TON - 5 TON - 10 TON -16 TON
20 TON - 25 TON - 30 TON

STROKE

upto 2000mm

TYPE

VERTICAL - HELICAL

CONTROL

PLC/CNC

AUTOMATION IS DESIGNED AS PER CUSTOMER REQ.

Over the Last 25 Years of Designing and Manufacturing Special Purpose Machines for the Automotive Industry TASA has designed innumerous machines which include U-Drill Machine, Double Head Flange Drilling Machine Special Purpose Boring Machines, Testing Rigs, etc. Over the years we have developed a fully Design Department which provides our customers fast efficient machine tool solutions for their manufacturing needs.

VERTICAL TURNING LATHE



- *Specialised Fixtures designed for every machine
- *Cost effective as it uses only a fraction of cost as compared to milling
- *Low setup Time
- *Easy maintainence

CNC TABLE UP BROACHING MACHINE WITH AUTOMATION

- *Fully Automatic machine
- *Machine runs for a whole shift by itself (8 hours) once fully loaded
- * Completely integrated with servo and pneumatic system, zero hydraulic system



COMPONENT DIAMETER

300 - 1000mm

TOOLING

LINEAR/TURRET

TURRET TYPE

DISK TYPE

CNC SYSTEM

FANUC/SIEMENS

SPINDLE NOSE

A2-8 &A2-11

CAPACITY

3 TON - 5 TON - 10 TON -16 TON

STROKE

upto 1600mm

TYPE

VERTICAL - HELICAL

CONTROL

PLC/CNC

AUTOMATION IS DESIGNED AS PER CUSTOMER REQ.



SURFACE BROACHING MACHINE

- *Specialised Fixtures designed for every machine
- *Cost effective as it uses only a fractions of cost as compared to milling
- *Low setup Time
- *Easy maintainence

CAPACITY

3 TON - 5 TON - 10 TON -16 TON
20 TON - 25 TON - 30 TON

STROKE

upto 2000mm

TYPE

VERTICAL - HELICAL

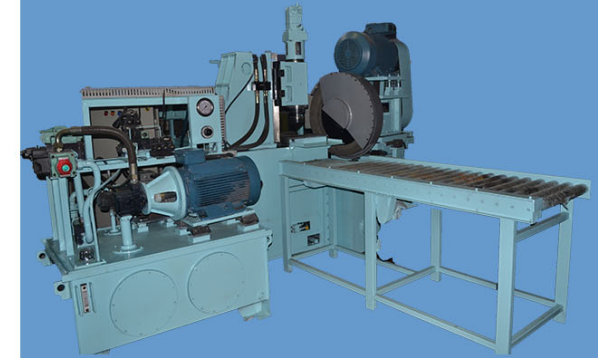
CONTROL

PLC/CNC

AUTOMATION IS DESIGNED AS PER CUSTOMER REQ.

FETTLING MACHINE

- *Custom Design for drum brakes
- *Fully Automatic Machine i.e. zero operator required during operations
- *Perfomes uniform Flash removal on the peripheral area
- *Easy maintainence



PROFILE

ANY

DESIGN

CUSTOMISED WITH RESPECT TO COMPONENT
OPERATION

FULLY AUTOMATIC WITH AUTO LOADER

SET UP TIME

LOW SET UP TIME

SUITABLE COMPONENTS

ANY TYPE OF FORGING OR CASTING COMPONENT



CNC SWAGING MACHINE

- *Custom designed for synchronous Gears
- *Low cycle time
- *Low setup Time
- *Easy maintainence
- *Swaging of internal as well as external tooth

DRIVE
Servo/Hydraulic
OPERATION

Internal & External Swaging

MODULE

UPTO 6

MAXIMUM DIAMETER

upto 200mm

5 - AXIS CNC GEAR TOOTH CHAMFERING AND POINTING MACHINE

- *Low Setup Time
- *Ideal for chamfering roofing and pointing operation
- * Reduces the cycle time to half with respect to traditional machines

DRIVE
Servo
OPERATION

Pointing, Roofing and Chamfering

MODULE

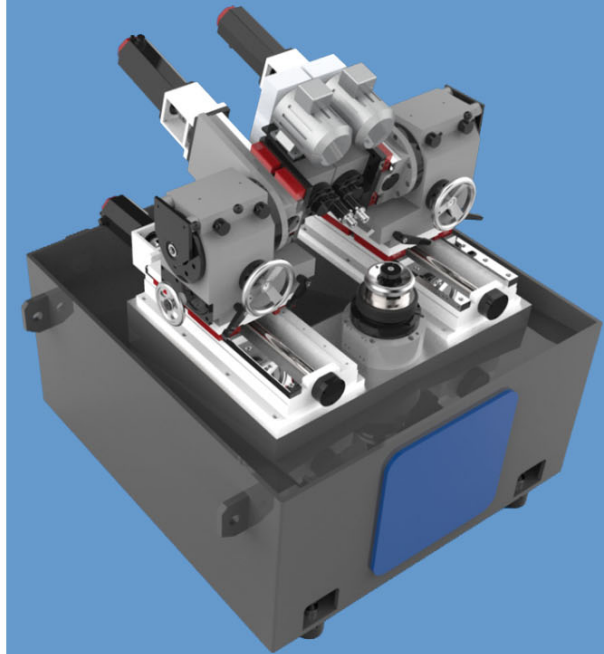
Any

MAXIMUM DIAMETER

upto 200mm

COMPONENTS

Spur, Helical





5 - AXIS CNC GEAR TOOTH ROUNDING AND CHAMFERING MACHINE

- *Low Setup Time
- *Ideal for chamfering rounding and roofing operation
- * Best machine to sustain flexibility in a production system

DEBURRING AND CHAMFERING MACHINE

- *Low operational cost
- *Low cycle time
- *Low setup Time
- *Easy maintainence
- *No operator needed in case of single piece flow in cell



DRIVE

Servo

OPERATION

Rounding, Roofing and Chamfering

MODULE

Any

MAXIMUM DIAMETER

upto 200mm

COMPONENTS

Spur, Helical, Crown Wheel, Bevel Pinion, Bevel Gear

OPERATION

Deburring and Chamfering

MODULE

UPTO 8

MAXIMUM DIAMETER

upto 300mm

COMPONENT TYPE

Shaft and Gear

PROFILE

Spur and Helical