QUATTRO TURN 350/500 TECHNICAL SPECIFICATION

TYPE	DESCRIPTION	UNITS	SPECIFICATIONS	
			QT 350	QT 500
CAPACITY	Swing over Bed	mm	330	330
	Max Turning Dia	mm	180	180
	Max Turning Length	mm	300	500
TRAVEL	X Axis (X1 / X2)	mm	130	130
	Z Axis (Z1 / Z2)	mm	400	550
FEED RATE	Rapid Traverse X Axis (X1 / X2)	mts/min	15	15
	Rapid Traverse Z Axis (Z1 / Z2)	mts/min	20	20
	Feed Rate	mm/min	2000	2000
SPINDLE	Chuck Size	mm	200	200
	Spindle Speed	rpm	50 - 4000	50 - 4000
	Spindle nose DIN 55026		A2-6	A2-6
TOOLING	Tooling Arrangement		Bi-directional Turret	Bi-directional Turret
	Tool Size		20 x 20	20 x 20
	Boring Bar Size		25 Dia	25 Dia
MACHINE SIZE	Height	mm	2500	2800
	Floor Space	mm	2000 x 2000	2000 x 2000
	Weight (approx.)	Kg	3000	3300
MOTOR POWER	Spindle Drive Motor - Continuos rating	KW	7.5 / 11 Kw	
CNC CONTROLLER	Mitsubishi	Type	Mitsubishi M70AV	

STANDARD ACCESSORIES

- Dia 200 x 3 jaw chuck & closed cylinder
- One set of soft jaws
- Hydraulic power pack
- Coolant supply equipment
- Centralized lubrication equipment
- Chip conveyor
- Work light
- Programmable Tailstock
- Foot Switch
- Machine Mounting Pads
- Panel A/c
- 3 Tier Addon Lamp
- 8 Stn Turret - 2 Nos.
- Set of Manuals

OPTIONAL ACCESSORIES

- Coolant Gun
- Air blast for chuck jaw cleaning
- Hainbuch Collet Attachment

TURN MILL OPTION QT 350 TM
with 2 Live tool turrets and C Axis

NOTE: Due to continuous upgradation of our products, the specifications are subject to change without notice.

MAKE YOURSELF MORE COMPETITIVE WITH
KELLER PROGRAMMING SOFTWARE & **ARNO** CUTTING TOOLS

KELLER — Programming software, reduce your machining time without altering your existing setup of speed and feed (also on any existing machine).

ARNO® WERKZEUGE — Cutting tools. Improve your product quality and reduce production cost through enhanced tool life.

GEDEE WEILER

A CUT ABOVE THE REST

GEDEE WEILER PRIVATE LIMITED, Vellalore Road, Podanur P.O. Coimbatore - 641 023, Tamil Nadu, INDIA.
EPABX: +91-422 2413908, 804 and 048 E-mail: sales@gdweiler.com Website: www.gdweiler.com

GEDEE WEILER

DOUBLE THE OUTPUT!

Innovative improvements in productivity resulting in reduced machining time and cost effective mass production

4 AXIS CNC LATHE

INDIA'S **No.1** EXPORTER of lathes to **GERMANY**

GEDEE WEILER

A CUT ABOVE THE REST

TURN PARTS IN HALF THE TIME

QUATTRO TURN 500

Turning, drilling and tapping at half the time when compared to traditional machining process which means higher productivity and better profits!

MUCH SHORTER LEAD TIME FOR SHAFT WORK PIECES

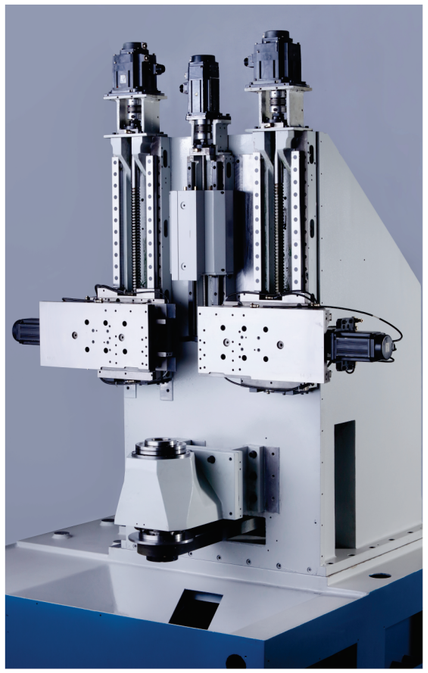
TOUGH STRUCTURE STANDS UP TO CONTINUOUS CUTTING

Roller guides on all axes combined with concrete filled heavy column ensures substantially rigid construction while maintaining compact size.

PROGRAMMABLE TAIL STOCK

Tailstock moving on LM guides and driven by servo motor ensures continuous machining and shortest set up change over time for different lengths of components.

QT 350 TM (Optional variant)	Simultaneous Drilling and Tapping by two tools with Two Live Tool Turrets and C Axis as option



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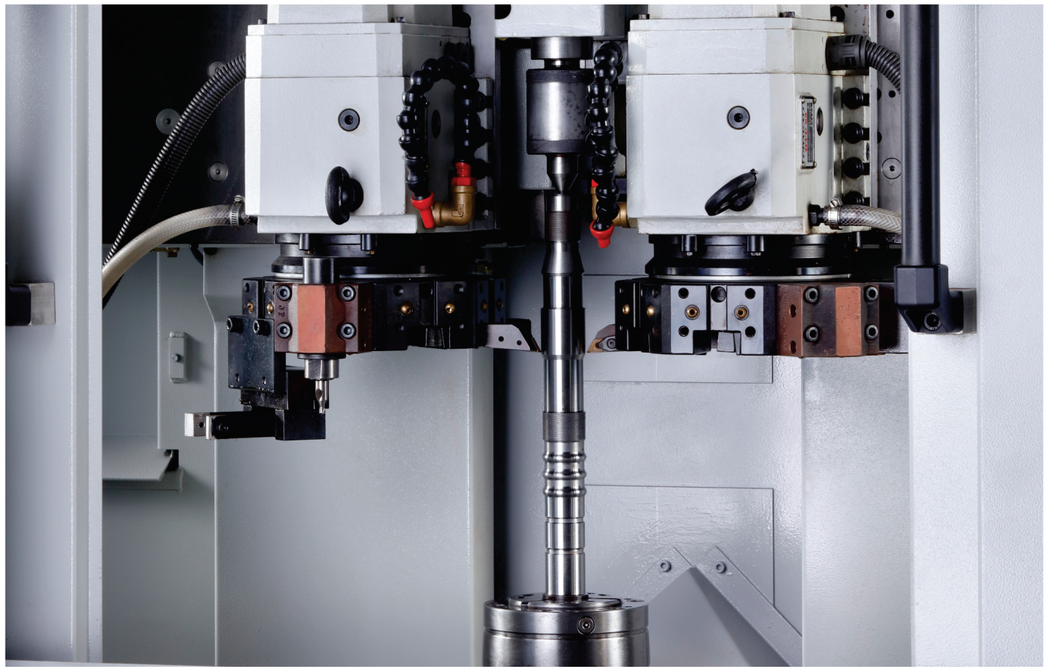
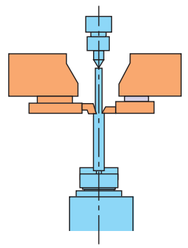


Shaft and also flanged workpieces

Diverse machining range with simultaneous 4 axis machining

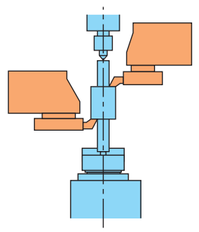
Simultaneous machining of ID and OD for thin walled components

BALANCED CUTTING



QUATTRO TURN handles shafts from 8mm to 180mm easily with **Balanced Cutting with two tools** and is also compatible for powerful machining of Inner diameters of Hubs, CV Joints and Cylinder Liners.

FOLLOW ON FINISHING



Eccentric components such as Cam Shafts, Counter Balance etc. calling for balancing of chucks as well intermittent cuts are machined effortlessly. **Follow on finishing** results in shortest possible cutting time where rough and finish machining are called for.

Some examples of much reduced machining time.

BOLT
259 mm (8mm dia)

Thin & lengthy components machined without steady rest with Ra value less than 0.8

MACHINING TIME	
On conventional CNC Lathe	180 Sec
On GDW QT CNC Lathe	102 Sec

MOTOR SHAFT

MACHINING TIME	
On conventional CNC Lathe	186 Sec
On GDW QT CNC Lathe	108 Sec

COUNTER BALANCE
259 mm (8mm dia)

MACHINING TIME	
On conventional CNC Lathe	134 Sec
On GDW QT CNC Lathe	80 Sec

(Results shown above are based on trials conducted and may vary based on actual machining and material conditions. For specific requirements , please consult.)