

# HEADMAN MACHINE

HEADMAN was founded in 1993, Shanghai R&D center is about 5,000 square meters, with totally 580 workers in corporation. Zhejiang production base is 70,000 square meters with an annual production capacity of 5,000 CNC turning machines.

With a development of more than 20 years, HEADMAN is Feared with No Difficulty and Lured with No temptation. Headman has been insisting on improving its core technology and accumulating advantage only on CNC turning machine sector, with the ultimate goal as the Turning Expert.

HEADMAN has established very strict manufacturing standard and quality control system to ensure its great product performance advantage. By compressing more than 50% of the latest ISO machine tolerance standard, HEADMAN builds its own standard, which is also at the leading level in the world.

Key components are made by HEADMAN itself on advanced grinding machines, horizontal machining centers and five-face machining centers from Germany, Switzerland and Japan. Workshop temperature and humidity are controlled constantly to guarantee component stability and consistency. Human influence on machine quality is reduced effectively to guarantee the reliability of overall machine accuracy.

HEADMAN has been kept on innovating marketing model, and creating competitive advantage of high-class CNC machine to switch the strategy from "providing machines" to "providing solutions". Based on the core independent technology on high-class CNC machines, HEADMAN creates the core competencies of "turning expert". By integrating traditional manufacturing technology and modern information technology, Headman provides the optimized and integrated manufacturing units & solutions to customers.

HEADMAN is always looking forward to sharing great success with you!



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► Remark: The catalogue is only for reference. Due to possibility of technology improvements, all the specification and design are subject to change without prior-notice.

2013.04

## Economic Series

ISO 9001: 2008   
NATIONAL HIGH-TECH ENTERPRISE

# HEADMAN

## Turning Expert

**We provide not only turning machines but also solutions**

**HC30**

Box Guideway



**HCL300/HCL360**

Linear Guideway



**HCL360L**

Linear Guideway



**HCL400**

Linear Guideway



**HTD300 HTD360**

Linear Guideway



Box Guideway **HC-30** Linear Guideway **HCL300** **HCL360** **HCL360L** **HCL400** **HTD300** **HTD360**

		Box Guideway <b>HC-30</b>	Linear Guideway <b>HCL300</b>	<b>HCL360</b>	<b>HCL360L</b>	<b>HCL400</b>	<b>HTD300</b>	<b>HTD360</b>	
<b>Capacity</b>	Max. swing diameter over bed	mm	Φ 350	Φ 350	Φ 350	Φ 380	Φ 440	Φ 350	
	Max. swing diameter over slide	mm	Φ 150	Φ 160	Φ 160	Φ 190	Φ 200	Φ 160	
	Max. turning diameter (disk)	mm	Φ 300	Φ 300	Φ 300	Φ 300	Φ 400	Φ 280	
	Max. machining length	mm	325 ( collet )	235/285 ( collet )	220/285 ( collet )	380	640	140/190 ( collet )	125/190 ( collet )
	Max. bar through diameter	mm	Φ 35	Φ 35	Φ 52	Φ 52	Φ 65	Φ 35	Φ 52
<b>Spindle</b>	Spindle bore	mm	Φ 49	Φ 48	Φ 63	Φ 63	Φ 66	Φ 48	Φ 63
	Spindle nose		115flange	A2-5/115flange	A2-6	A2-6	A2-6	A2-5/115flange	A2-6
	Spindle speed	r/min	300-3000	2700	2500	2500	2500	2700	2500
	Clamping type		manual/pneumatic/hydraulic	manual/pneumatic/hydraulic	pneumatic/hydraulic	pneumatic/hydraulic	manual/hydraulic	hydraulic	hydraulic
<b>Turret</b>	Turret type and tools number		electric tool post/4	gang type tool	gang type tool	electric tool post	electric tool post	electric tool post	electric tool post
	OD. tool size	mm	20×20	20×20	20×20	25×25	25×25	20×20	25×25
	Boring tool size	mm	—	Φ 25	Φ 25	Φ 32	Φ 40	Φ 25	Φ 25
<b>X/Z axis</b>	X/Z axis travel	mm	X : 245;Z : 390	X : 280;Z : 350	X : 280;Z : 350	X : 280;Z : 550	X : 240;Z : 800	X : 280;Z : 250	X : 280;Z : 250
	X/Z axis rapid feed	mm/min	6000/8000	12000/15000	12000/15000	12000/15000	15000/20000	12000/15000	12000/15000
<b>Motor</b>	Main motor power	kW	3	4 ( optional 5.5 )	5.5	5.5	7.5 ( optional 11 )	4	5.5
	X/Z axis driver motor torque(power)	Nm	4/4	6/6	6/6	6/6	7/10	6/6	6/6
	Coolant pump power	kW	0.09	0.09	0.09	0.09	0.12	0.12/0.12	0.12/0.12
<b>Weight</b>	Net weight( approximate)	kg	1200	1485	1540	1750	2150	2450	2550
<b>Size</b>	Length X width X height	mm	1525×1140×1580	2200×1390×1540	2200×1390×1540	2320×1450×1600	2700×1420×1730	2980×1400×1720	2980×1400×1720

Reliable key components



GSK CNC system Siemens CNC system Fanuc CNC system

Apply workpiece



Simple automatic solution

Headman CNC lathe is able to equip automatic unit according to the production capacity requirement. we integrate auto material feed and processing step, to realize 24 hours continuous produce, and make one work able to control several automation line, which greatly improve production efficiency, guarantee products quality, reduce labor cost, and secure worker by non accident production.

Live tool milling or drilling



Bar feeder automation

