



# SIMPLIFY YOUR WORK AT LOW COST

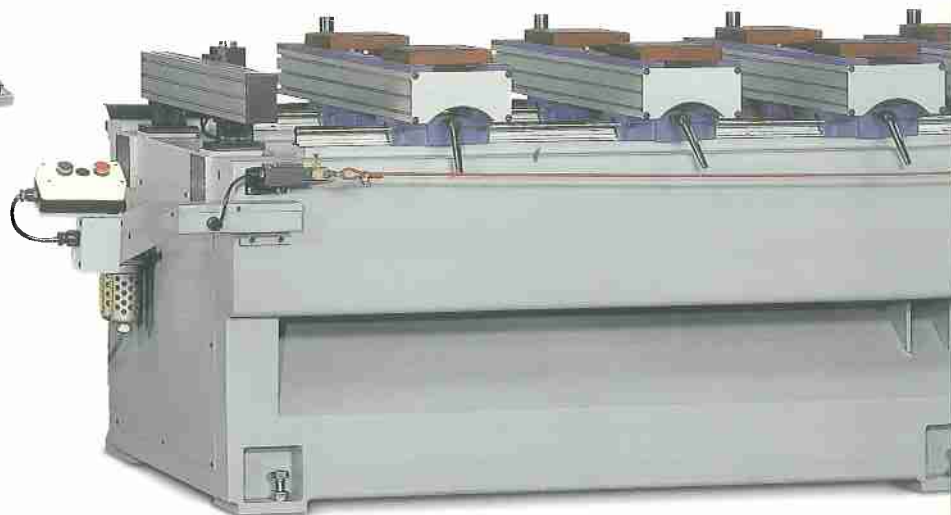
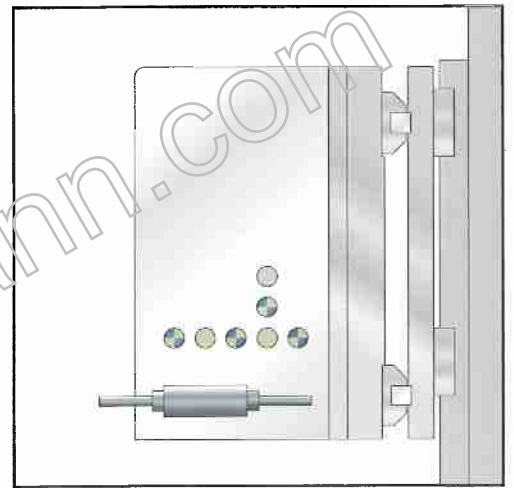
**mot 90**  
**CNC Working Centers**



# Save you a lot of time and labour on complicated set-ups.

1. Rapid acceleration rates and high travel speeds ensure minimum machining time and maximum productivity.
2. More convenient workpiece loading and unloading thanks to the C-type machine frame.
3. Mechanism of recirculating ball screws and liner guides ensure total accuracy and precision.
4. **WOODWISE** numerical controller

- Windows based pull-down menu.
- Error diagnostics with explanatory messages.
- Context sensitive help.
- DNC function provides long program direct execution of over 64k-byte from 3-1/2" floppy disk or sent from host computer through RS-232 in 38400 BPS transmission rate and offers a 16 MB buffer for the transmission.
- Software packet is complete with diskette for editing programs on a remote PC.



## Specifications

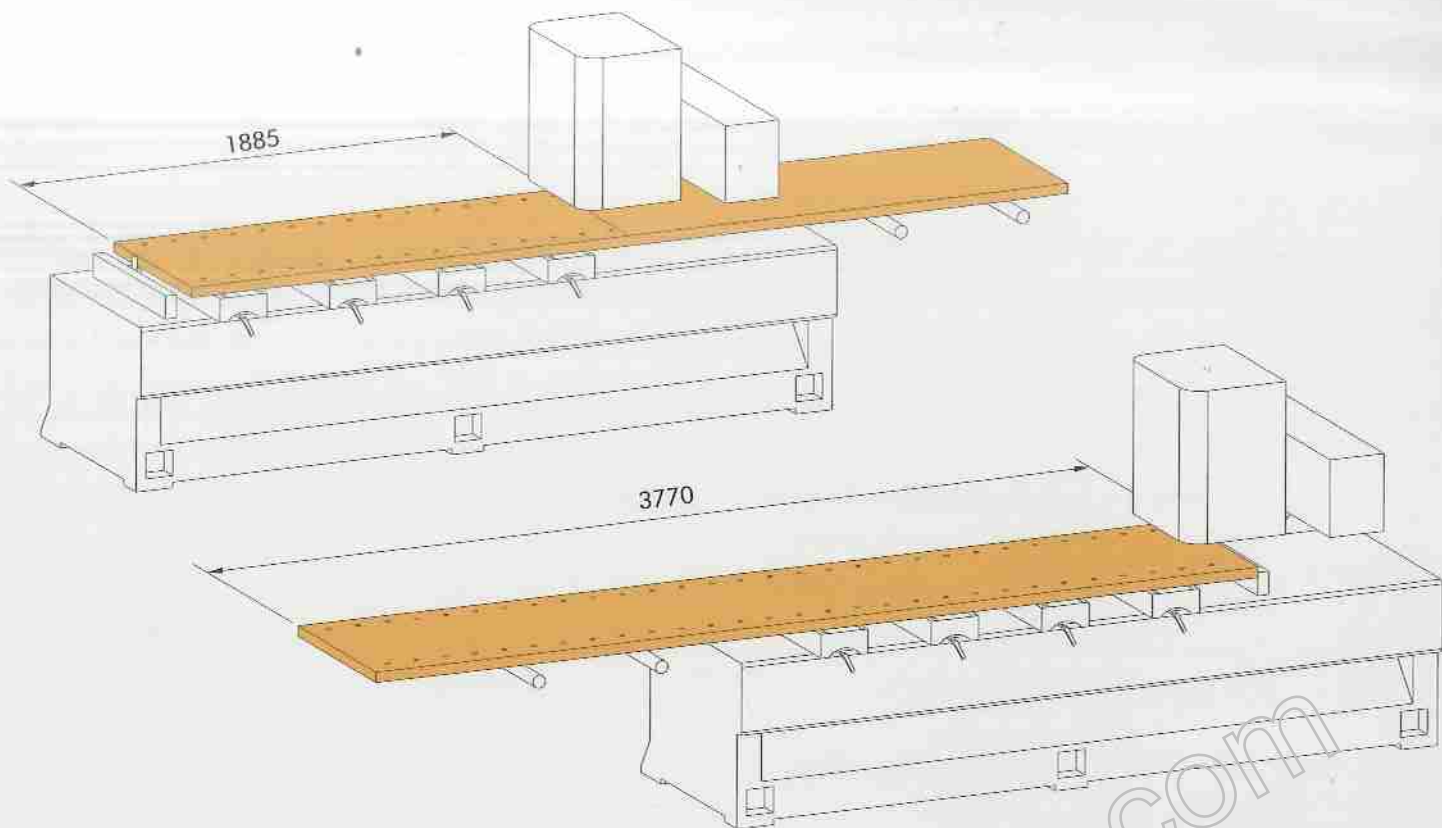
CNC Working Center			mot 90	mot 90L
Working area with Configuration basic	Boring unit	mm	1885 x 830	2504 x 830
	CNC controlled axes		X, Y; 4 Z-axis stops selected by CNC	
Configuration plus 1	Boring unit	mm	1885 x 695	2504 x 695
	Manual-collet routing spindle	mm	1981 x 925	2600 x 925
	CNC controlled axes		X, Y, Z	
Configuration plus 2	Boring unit	mm	1885 x 695	2504 x 695
	ISO 30 ATC routing spindle	mm	1981 x 925	2600 x 925
	CNC controlled axes		X, Y, Z	
Z-axis stroke	Configuration basic, plus1, plus 2	mm	80 / 110 / 200	
Max. positioning speed	X-, Y-, Z-axis	m/min	60 / 50 / 10	
Boring unit	Motor power	hp	3	
	Vertical boring spindles		7	
	Horizontal boring spindle in X-axis		2	
Manual-collet routing spindle	Motor power	hp	7.5	
	Collet type		ER32	
	Rotation speed	rpm	1200~18000	
ATC routing spindle	Motor power	hp	7.5	
	Tool interface		ISO 30	
	Rotation speed	rpm	1200~18000	
	Capacity of automatic tool changer		5	
Capacity of vacuum pump		m <sup>3</sup> /hr	68	
Machine dimensions	Floor area	mm	4000 x 2550	4620 x 2550
	Height	mm	2200	2200
	Weight	kg	2300	2700



- Multi-spindle boring unit with 7 vertical spindles and 2 horizontal spindles. Extra-large diameter of air cylinder of boring spindle delivers plenty of power for large hole boring even in the toughest laminates.



- More flexible working unit composition comprising boring head, manual-collet routing spindle or ATC routing spindle.



- Work stops on either end of the panel supports allow operator to resume boring operations in extra-long workpieces; the maximum length of workpiece is, for example, 3770 mm for mot 90 with configuration basic, two times that of the X-axis working area.

www.hoechsmann.com

**RULONG**  
WOOD MACHINE CO., LTD.

NO. 62 TA SHUN ST., FENG YUAN CITY, TAICHUNG, TAIWAN.  
TEL : 886-4-25571126 ~ 8  
FAX : 886-4-25571129  
http: //www.rulong.com.tw  
E-mail: rulongli@ms27.hinet.net



The illustrations and the data contained in this brochure are not binding.