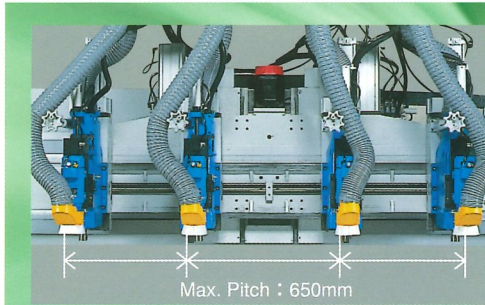


CNC Router

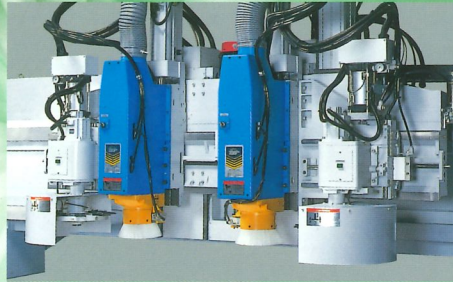
TITANIUM

SERIES

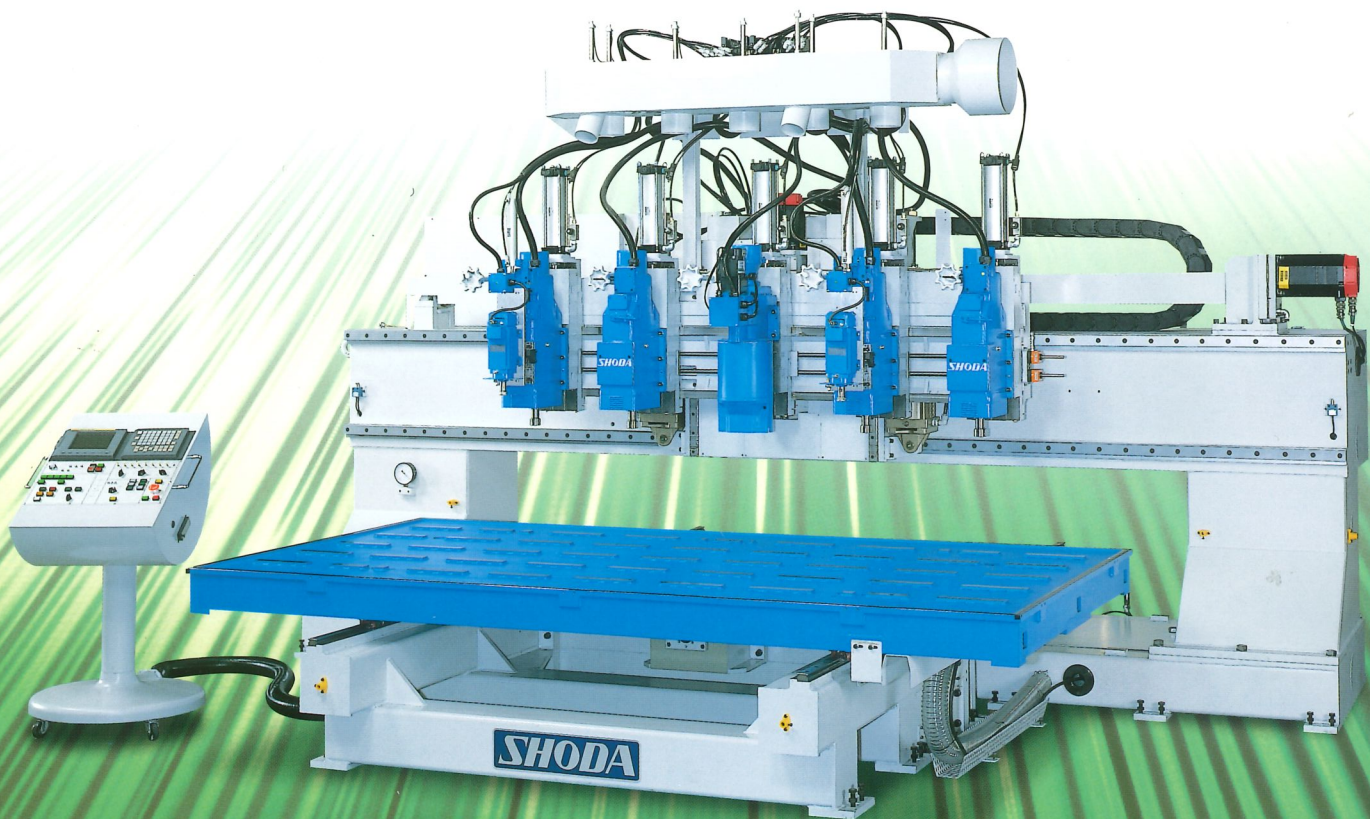


Max. Pitch : 650mm

Head Type-B



Head Type-C



SHODA

CNC Router

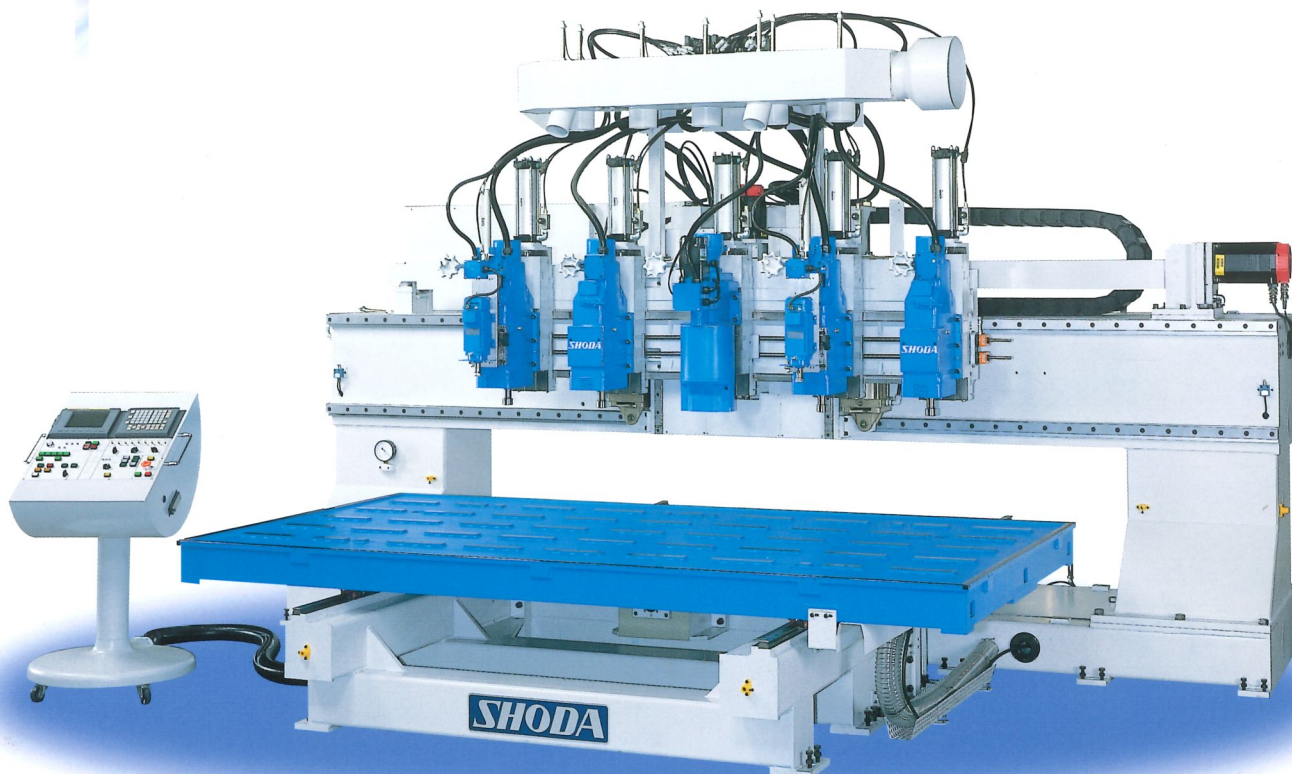
TITANIUM

SERIES

Shoda's new
4 types are available

Basic features • Sh

TITANIUM- α



Option : Center Saw

Head Variation

Type	Head
A	4-BT30 4-Piggyback Router
B	4-Router 4-Piggyback Router
C	2-ATC (8+8 tools)
E	4-Router
F	1-ATC (8 tools) 1-L-shaped 21 Spindle Independent Boring
G	4-BT30 4-BT20 Piggyback Router
H	2-ATC (8+8 tools) 1-L-shaped 21 Spindle Independent Boring
L	2-Front ATC (8+8 tools) 2-T-shaped 11 Spindle Independent Boring
M	2-30,000rpm Router 2-Piggyback 3 Spindle Independent Boring

Head Type-F



Head Type-G



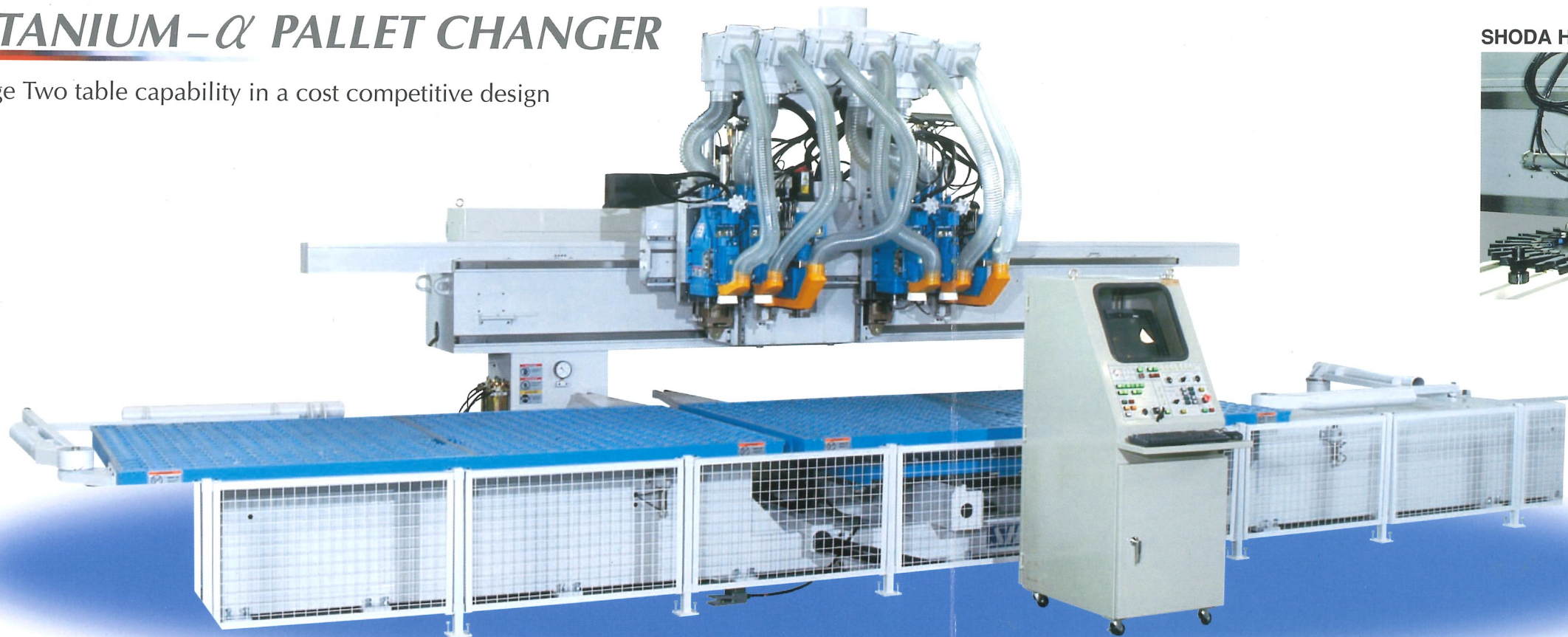
Best low-cost high-performance CNC router

Available: Wide table (for multiple parts), Deep table (for long parts), Twin table and Pallet changer

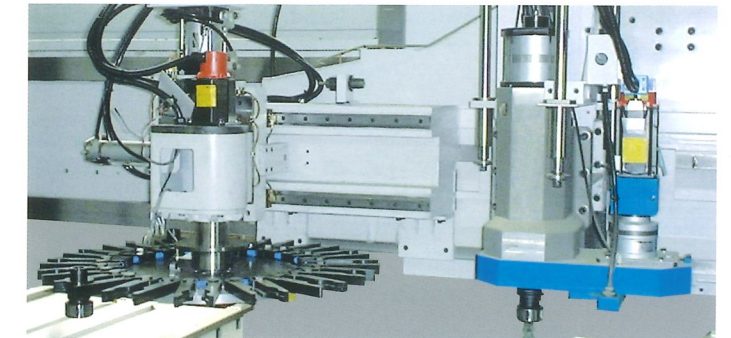
Shoda's World famous high output router heads • Extremely rigid frame construction • Steel fabricated table with many options such as pins, etc

TITANIUM- α PALLET CHANGER

Large Two table capability in a cost competitive design



SHODA HSK 63F ATC



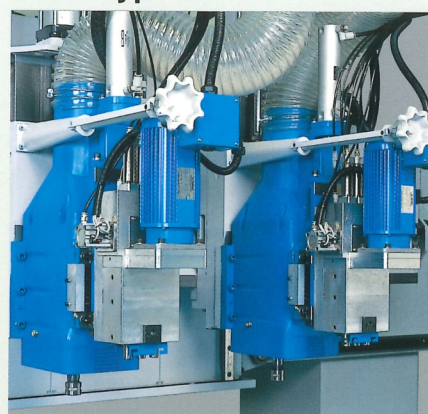
Option:C Axis

Option : PC front end

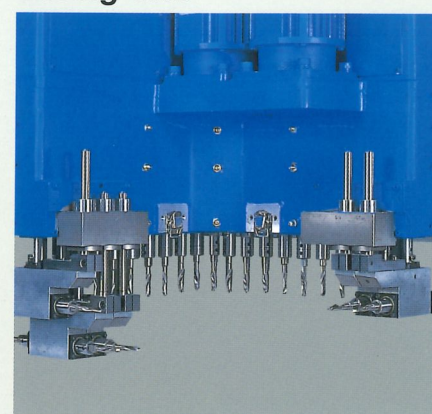
Head Type H



Head Type M



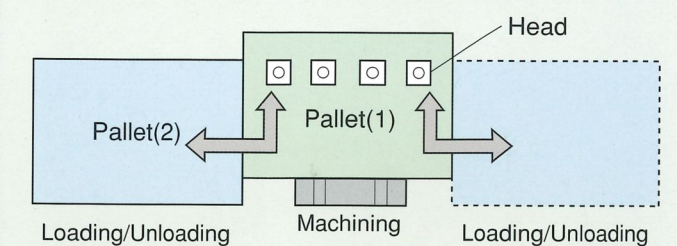
Boring Unit



New full servo Pallet Change System using axis drive motor.



SHODA Original Pallet Change System



Two pallet tables can be used alternately. Workpiece can be loaded/unloaded on one table while the other is in process. This reduces load time (or set up time) to zero, allowing uninterrupted operation.

Shoda's standard CNC routers come with 4 parallel heads, but heads can be added or deleted according to your requirement. Different head configurations are more effective for batch production and other configurations work best for just-in-time kit production, or dynamic nesting of parts from full sheets.

The roller hold down system and servo head pitch system are offered as an option

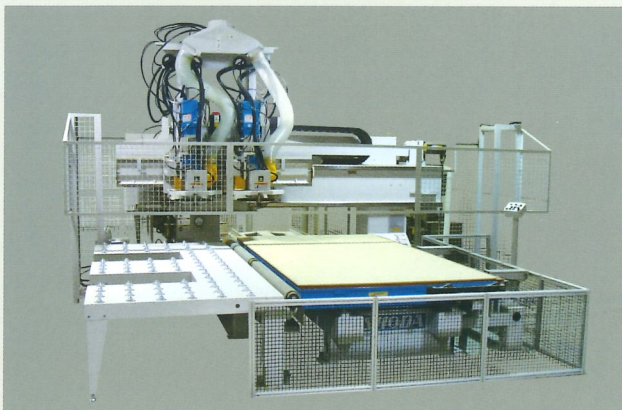
TITANIUM- β

Head Type M



Option : PC front end

Option : Material Handling system
(E-table, Powered Roller, Pusher)



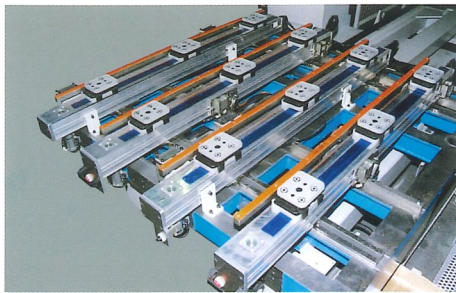
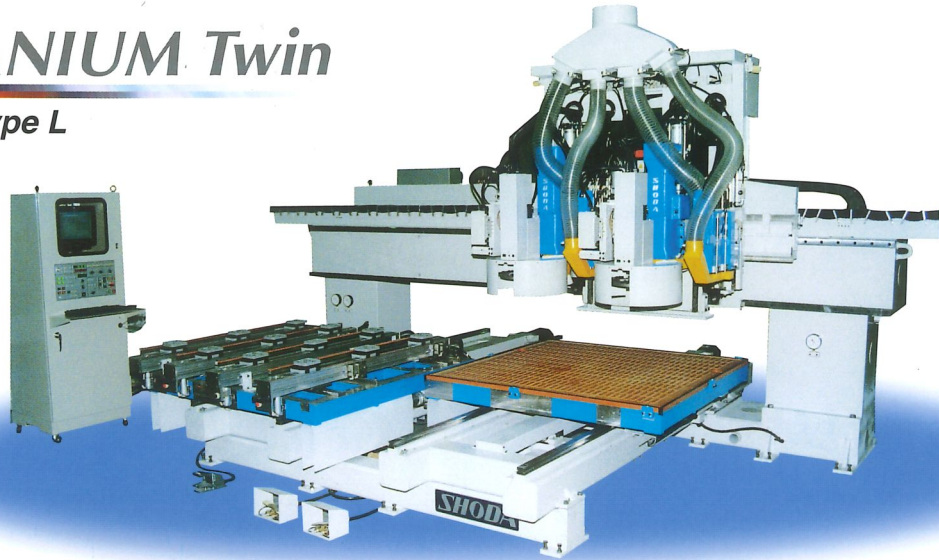
Integrated Part Locators (Option)



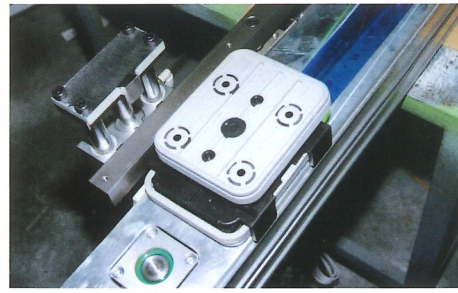
Table Edge

TITANIUM Twin

Head Type L



Option:Schmalz POD System



Specifications

(Unit:mm)

Model		Titanium-Alpha	Titanium-Beta	Titanium-Twin	Titanium-Alpha Pallet
Stroke	X-axis	1,840 (72")	3,400 (133.85") <Option: 4,000(157.4")>	2,100 (82")	1,840 (72")
	Y-axis	3,400 (133")	2,600 (102")	4,000 (157")	3,400 (133") <Option: 4,000 (157.4")>
	U-axis	—	—	2,100 (82")	—
	Z-axis	250 (9.8") <Option : 350 (13.7")>			
Table	Size	1,600X3,100 (5'X10')	3,400X1,600 (10'X5') <Option: 3,700X1,600 (12'X5')>	1,600X1,600 (5'X5')	1,600X3,100 (5'X10')
	Clamp	Suction (1 room)			
Head variation	According to Head variation chart (Type A, B, C, E, F, G, H, L and M)				
Rapid Feed rate	87m/min (3,425IPM) ※1				
Cutting Feed rate	40m/min (1,575IPM) ※1				
Blower		7.5KW required	7.5KW required	5.5KW x 2 required	7.5KW x 2 required
NC System	SHODA-FANUC				
Dimensions	WXDXH	5,100X3,700X2,850 (16.8'X12.2'X9.4')	5,700X8,100X2,920 (18.7'X26.6'X9.6')	6,700X4,300X2,920 (22.0'X14.1'X9.6')	11,200X4,400X3,100 (36.7'X14.4'X10.1')

Note: Specifications and designs are subject to change without notice to improve product performance.

※ 1 Subject to total weight of all heads.



ISO 9001

SHODA

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