

TSM100 SPINDLE MOULDER



The TSM100 spindle moulder is a sturdily built machine complete with a flush mounted sliding table suitable for the modern joinery shop.

- Cast, precision ground, steel table ensures maximum stability and durability.
- Five spindle speeds allow for a wide variety of different tooling to be used on the machine from small diameter profiling blocks to large diameter tenon heads for window and door production.
- The machine has been specially developed to suit our Window System tooling and can produce all eight different styles of windows and doors (optional tenon hood required for doors).
- Made in Italy.



Technical Specification:

Motor Power	7.5HP (5.5KW) S1 (100%)
Table Dimensions	1100mm x 940mm
Sliding Table Dimensions	1100mm x 300mm
Vertical Spindle Stroke	140mm
Spindle Diameter	30mm (or 1-1/4")
Spindle Speeds (RPM)	2500, 4200, 6000, 8000, 10000
Maximum Usable Spindle Height	140mm
Maximum Tooling Diameter (with Std. Hood)	240mm
Maximum Tooling Diameter (with Tenon Hood)	300mm
Maximum Tooling Diameter Below Table	300mm
Table Height	920mm
Diameter of Dust Extraction Port in Hood	120mm
Diameter of Dust Extraction Port at Base of Machine	80mm
Overall Dimensions (L x W x H)	1200mm x 1240mm x 1200mm
Voltage	415V/50Hz (3 phase)
Acoustic Power	80 dBw(A)
Net Weight	560kg

Flush Mounted Sliding Table Control Panel

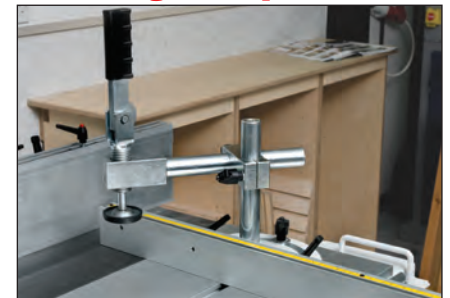


The aluminium flush mounted table runs on 8 high precision bearings ensuring smooth running and outstanding accuracy. A slot in the table is used for locating the tenoning clamp for the optional Tenoning Table.



The control panel is mounted on the right-hand side of the machine and contains the soft start (automatic star, delta) button, speed indication lights and emergency stop button. The optional electronic spindle height and tilting adjustment controls would also be mounted here.

Tenoning Clamp



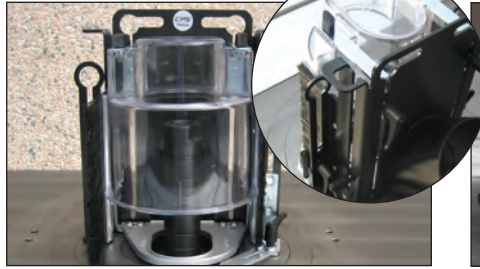
The eccentric clamp comes as standard with the machine and fits into the locating slot on the sliding table. It provides firm and positive clamping, essential when performing any tenoning operation.

Back-fence Adjustment



The back-fence has an integral micro-adjuster which controls the position of the complete back-fence.

Ring Fence



The ring fence comes as standard with the machine and replaces the back-fence when producing curved and circular work. It comes complete with adjustable guarding, lead on finger and a 100mm diameter dust extraction port.

Dusthood



The hood has a 120mm port for dust extraction. Also a secondary 80mm outlet at the rear of the machine provides extraction from beneath the spindle.

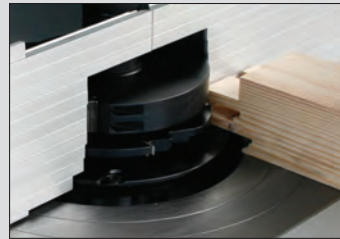
Optional Extras

Optional Power Feed



An essential piece of equipment on any spindle moulder. It provides a good finish on the material due to a constant feed speed and is the safest way to profile on a spindle moulder. It must be used with our Modular Window System. Our power feed comes complete with 3 rollers and 4 different speeds. It connects directly to a 3 phase socket on the rear of the machine. Horizontal arm is 1050mm.

Optional Safety Fence



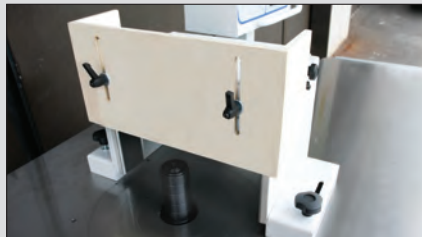
The optional alloy safety fence has individually adjustable sliding fingers that can be locked in position around the cutter heads. It provides good support to the work piece when profiling and prevents the work piece from 'dropping in'.

Optional Table Extension



The optional table extension enables larger sections to be machined easily. Particularly suitable if you want to produce doors and larger windows.

Optional Tenoning Hood



The optional tenoning hood is suitable for use with larger diameter tools (up to 300mm diameter); particularly tenon tools for producing doors.

Optional Tenoning Table



The 20mm thick tenoning table fits easily into the slot on the sliding table. Used in conjunction with the tenoning clamp and fence; suitable for getting smaller workpieces closer to the cutter heads.

Description

TSM100 Spindle Moulder 30mm Shaft (CE) 7.5HP
TSM100 Spindle Moulder 1-1/4" Shaft (CE) 7.5HP

Optional Equipment

Power Feed
Alloy Safety Fence
Manually Operated Tilting Spindle (-5 degrees, +45 degrees)
Electronic Tilting Spindle (-5 degrees, +45 degrees)
Electronic Spindle Rise and Fall
20mm Thick Tenoning Table
Tenoning Hood
Front Table Extension
Digital Spindle Height Read Out
Reverse Spindle Rotation
Speed Change by Inverter (800 to 10,000 RPM)
Motor Power Increase (per HP)
Speed Read Out
Combined Motorized Rise & Fall/tilt (Complete with Control Panel)
Suspended "Eye Level" Control Panel

Product Ref

TSM100/75/30
TSM100/75/114

TPF100
TSM100/ASF
TSM100/MTS
TSM100/ETS
TSM100/ERF
TSM100/TT
TSM100/TH
TSM100/FTE
TSM100/DHR
TSM100/RSR
TSM100/SCI
TSM100/IHP
TSM100/SRO
TSM100/MRFT
TSM100/HCP

SPARE KNIFE PRICES

Tool No.	Product Ref	MAIN KNIFE (z)		SCORER (v)			
		z	v	Order Qty	Product Ref	Order Qty	Product Ref
1	IT/7105411(7)	2	4	1	IT/3101250/10	1	IT/3008503/10
2	IT/7105421(7)	4	4	1	IT/3008501/10	1	IT/3008503/10
4	IT/7105441(7)	2	na	1	IT/3101220/10	na	na
6	IT/7105461(7)	2	2	1	IT/3101230/10	1	IT/3008503/10
8	IT/7105481(7)	2	2	1	IT/3107512/10	1	IT/3008503/10
10	IT/71054101(7)	2	2	2	IT/3108624	1	IT/3008503/10
13	IT/71054131(7)	2	2	2	IT/3108626	1	IT/3008503/10
14	IT/71054141(7)	2	na	1	IT/3101220/10	na	na
16	IT/71054161(7)	2	4	1	IT/3108702/10	1	IT/3008503/10
18	IT/71054181(7)	2	2	2	IT/3108626	1	IT/3008503/10
19	IT/71054191(7)	2	4	1	IT/3107230/10	1	IT/3008503/10
20	IT/71054201(7)	2	na	2	IT/3108627	na	na
23	IT/71054231(7)	2	2	1	IT/3101250/10	1	IT/3008503/10
24	IT/71054241(7)	2	na	1	IT/3108474/10	na	na
25	IT/71054251(7)	2	2	2	IT/3108567	1	IT/3008503/10
26	IT/71054261(7)	2	2	1	IT/3101230/10	1	IT/3008503/10
27	IT/71054271(7)	2	4	1	IT/3107512/10	1	IT/3008503/10
28	IT/71054281(7)	2	2	2	IT/3108567	1	IT/3008503/10
29	IT/71054291(7)	2	2	1	IT/3101230/10	1	IT/3008503/10
31	IT/71054311(7)	2	4	2	IT/3108577	1	IT/3008503/10
32	IT/71054321(7)	2	4	2	IT/3208214	1	IT/3008503/10
33	IT/71054331(7)	2	4	1	IT/3007507/10	1	IT/3008503/10
35	IT/71054351(7)	2	4	1	IT/3007507/10	1	IT/3008503/10
36	IT/71054361(7)	2	na	2	IT/3108599	na	na
37	IT/71054371(7)	2	2	2	IT/3108600	1	IT/3008503/10
38	IT/71054381(7)	2	na	2	IT/3108601	na	na
39	IT/71054391(7)	2	4	1	IT/3000531/10	1	IT/3008503/10
40	IT/71054401(7)	2	na	2	IT/3108496	na	na
41	IT/71054411(7)	2	2	2	IT/3108497	1	IT/3008503/10
42	IT/71054421(7)	2	4	1	IT/3107512/10	1	IT/3008503/10
43	IT/71054431(7)	2	2	1	IT/3101220/10	1	IT/3008503/10
44	IT/71054441(7)	2	na	2	IT/3108498	na	na
45	IT/71054451(7)	2	4	1	IT/3107512/10	1	IT/3008503/10
46	IT/71054461(7)	2	4	1	IT/3107230/10	1	IT/3008503/10
47	IT/71054471(7)	2	4	1	IT/3108702/10	1	IT/3008503/10
48	IT/71054481(7)	2	4	1	IT/3007507/10	1	IT/3008503/10
49	IT/71054491(7)	2	2	1	IT/3108499	1	IT/3008503/10
50	IT/71054501(7)	2	4	1	IT/3108520	1	IT/3008503/10
51	IT/71054511(7)	2	4	1	IT/3108521	1	IT/3008503/10
54	IT/71054541(7)	2	na	2	IT/3208119	na	na
55	IT/71054551(7)	2	2	1	IT/3000528/10	1	IT/3008503/10
56	IT/71054561(7)	2	2	2	IT/3108567	1	IT/3008503/10
57	IT/71054571(7)	2	na	1	IT/3101220/10	na	na
58	IT/71054581(7)	2	2	2	IT/3208001	1	IT/3008503/10
59	IT/71054591(7)	2	na	1	IT/3101220/10	na	na
60	IT/71054601(7)	2	2	2	IT/3208001	1	IT/3008503/10
61	IT/71054611(7)	2	4	2	IT/3108577	1	IT/3008503/10
66	IT/71054661(7)	2	4	1	IT/3007509/10	1	IT/3008503/10
67	IT/71054671(7)	2	2	2	IT/3208052	1	IT/3008503/10
68	IT/71054681(7)	2	2	2	IT/3208053	1	IT/3008503/10
69	IT/71054691(7)	2	4	1	IT/3007509/10	1	IT/3008503/10
70	IT/71054701(7)	2	4	1	IT/3007507/10	1	IT/3008503/10
71	IT/71054711(7)	2	2	2	IT/3208054	1	IT/3008503/10
72	IT/71054721(7)	2	2	1	IT/3000528/10	1	IT/3008503/10
73	IT/71054731(7)	2	na	2	IT/3208055	na	na
74	IT/71054741(7)	2	na	2	IT/3208056	na	na
75	IT/71054751(7)	2	2	2	IT/3208057	1	IT/3008503/10
76	IT/71054761(7)	2	4	1	IT/3107512/10	1	IT/3008503/10
80	IT/71054801(7)	2	na	2	IT/3208050	na	na
81	IT/71054811(7)	2	4	2	IT/3208072	1	IT/3008503/10
82	IT/71054821(7)	2	2	2	IT/3208137	1	IT/3008503/10
83	IT/71054831(7)	2	4	2	IT/3208138	1	IT/3008503/10
84	IT/71054841(7)	2	na	1	IT/3101230/10	na	na
85	IT/71054851(7)	2	2	1	IT/3101230/10	1	IT/3008503/10
90	IT/71054901(7)	2	4	1	IT/3107220/10	1	IT/3008503/10
91	IT/71054911(7)	2	4	1	IT/3107220/10	1	IT/3008503/10
92	IT/71054921(7)	2	2	1	IT/3107220/10	1	IT/3008503/10
93	IT/71054931(7)	2	2	2	IT/3208118	1	IT/3008503/10
95	IT/71054951(7)	2	na	2	IT/3208212	na	na
96	IT/71054961(7)	2	2	2	IT/3208216	1	IT/3008503/10
97	IT/71054971(7)	2	2	2	IT/3208158	1	IT/3008503/10
98	IT/71054981(7)	2	4	2	IT/3208158	1	IT/3008503/10
99	IT/71054991(7)	2	na	2	IT/3208139	na	na
100	IT/710541001(7)	2	na	2	IT/3208140	na	na
101	IT/710541011(7)	2	2	2	IT/3208118	1	IT/3008503/10
102	IT/710541021(7)	2	2	2	IT/3208118	1	IT/3008503/10
104	IT/710541041(7)	2	na	2	IT/3208213	na	na
105	IT/710541051(7)	2	2	2	IT/3208215	1	IT/3008503/10
106	IT/710541061(7)	2	na	2	IT/3208245	na	na
107	IT/710541071(7)	2	2	2	IT/3208237	1	IT/3008503/10
108	IT/710541081(7)	2	2	2	IT/3208237	1	IT/3008503/10
109	IT/710541091(7)	2	na	2	IT/3208238	na	na
110	IT/710541101(7)	2	2	2	IT/3208243	1	IT/3008503/10
111	IT/710541111(7)	2	2	2	IT/3208243	1	IT/3008503/10
112	IT/710541121(7)	2	2	2	IT/3208216	1	IT/3008503/10
113	IT/710541131(7)	2	2	2	IT/3208215	1	IT/3008503/10
114	IT/710541141(7)	2	4	2	IT/3108751	1	IT/3008503/10

How to order spare knives:

Locate the tool number you require spare knives for in the left hand column of the grid. Each tool comes with main knives (z) and most are supplied with scorers (v).

The figure in column z tells you how many knives the tool requires and the figure in column v tells you how many scorers the tool requires.

Use the order quantity figure and product reference code to order the knives and scorers (if required) for each tool.

Please note:

Some knives are sold in boxes of ten (denoted by /10 at the end of the product reference). Prices shown are per knife or per pack of 10.

NETWORK OF MWS DEALERS

We have a network of dedicated Modular Window System dealers around the UK. Please contact your local dealer for a demonstration.



Region	Dealer	Contact
Gloucestershire	Tewkesbury Saw Co Ltd Newtown Trading Estate, Tewkesbury, Gloucestershire GL20 8JG	Alan Murphy 01684 293092 amurphy@tewkesburysaw.co.uk www.tewkesburysaw.co.uk
Norfolk	Norfolk Saw Services Unit 7, Whiffler Road Ind Est, Norwich NR3 2AW	Mark Hindle 01603 898695 sales@norfolksawservices.co.uk www.norfolksawservices.co.uk
Hampshire	Groewood Machines Ltd Unit 4, Northbrook Farm, Micheldever, Hampshire SO21 3AJ	Nick Groves 01256 818235 info@groewoodmachines.co.uk www.groewoodmachines.co.uk
Cornwall	Westcountry Woodworking Mach Ltd Beacons Kilns, High Street Village, St Austell PL26 7SR	Jeremy Bennetts 01726 828388 sales@machinery4wood.co.uk www.machinery4wood.co.uk
Glasgow	The Saw Centre Ltd 650 Eglinton Street, Glasgow, Lanarkshire G5 9RP	Brian Johnston 0141 4294444 sales@thesawcentre.co.uk www.thesawcentre.co.uk
Edinburgh	Saw & Tool Services Unit 4, 48 Dryden Terrace Loanhead Edinburgh, Midlothian EH20 9JL	Andy McIlwaine 0131 448 0207 info@sawandtooling.co.uk www.sawandtooling.co.uk
Leicestershire	Markfield Woodworking Machinery Ltd. Units H, Cedar Court, Walker Rd Bardon Hill, Coalville, Leicestershire LE67 1TU	Gavin Cooper 0116 289 3469 gavin@mwmachinery.co.uk www.mwmachinery.co.uk

For all other areas please contact CP Tooling.

01748 897170
info@cptooling.co.uk
www.cptooling.co.uk



INDUSTRIAL TOOLING CATALOGUE

Our Industrial Tooling is a high quality, innovative range that has been developed specifically for the UK industrial woodworking market.



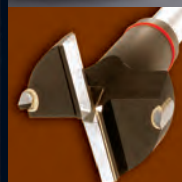
SAWBLADES

Unique quality long lasting Tungsten Carbide Tipped sawblades.



SPINDLE TOOLING

Tungsten Carbide profile cutter heads, brazed tip & disposable insert tooling.



DRILLING TOOLS

Micrograin Tungsten Carbide Tipped drilling tools, dowel drills & boring bits.



CNC MACHINING

Wide range of profile & straight machining router cutters using D-Namic carbide.

