

## T10E Router



The T10E 1/2" router features a 2000 watt motor with electronic full wave variable speed and soft start, two column precision base, spindle lock for easy cutter changes, micro-adjuster parallel side-fence, precision one-piece multi-slit collet, 3-position revolving depth stop for fast settings and an adjustable inner plate for guide bush accuracy. Includes a 30mm steel guide bush, which is required for the jigs.

**Product Ref. T10EK**

## Unibase



The Unibase enables routers with non-standard guide bush fittings to accept the range of Trend guide bushes. It will fit directly to most routers.

**Product Ref. UNIBASE**

## 30mm Guide Bush



Suitable for use with the Unibase and all jigs shown on page 57.

**Product Ref. GB30**

## 12mm Router Cutter



TCT 12mm diameter cutter with 50mm cut length and 1/2" shank. For use with the Espagnolette and Trickle Vent jigs.

**Product Ref. 3/73DX1/2TC**

## Hand Mitre Shears



These chrome vanadium shears give accurate mitre cuts of gaskets and are ideal for use in a production environment.

**Product Ref. HM/SHEAR**

## Trend Snappy Drill Bit Guide Set



A set of self-centring drills for the accurate drilling of pilot holes for hinges to ensure exact alignment. It can be easily dismantled for cleaning and is supplied with a HSS drill bit. Tools have Trend Snappy Quick Change Shank.

Please request our main catalogue Product Ref. CAT/1 for full information. See back cover.

**Product Ref. SNAP/DBG/SET**

## Corner Chisel



Squares up rounded corners in one operation. Suitable for use with SBXS Pulley Wheel Jig C with the Square Pulley Template.

**Product Ref. C/CHISEL**

## Tool & Bit Cleaner



An industrial grade cleaner to remove pitch and resin build-up from the MWS tools and spacers. Increases tool life and is biodegradable, earth and human friendly. Supplied in 532ml pump action spray bottle.

**Product Ref. CLEAN/500**

## Tooling Stand

**Portable tooling stand for storing and locating MWS tools and spacers next to your spindle moulder.**

- Constructed from 15mm thick birch plywood and designed to take a maximum of 58 tools and spacers.
- Stand is supplied flat packed in two parts with castors to enable tools to be situated close to the spindle moulder.
- Approximately 1,800mm high x 700mm wide x 700mm deep.
- Inner storage and shelf compartments.

**Product Ref. IT/MWS/STAND**



# DRILLING UNIT FOR ESPAGNOLETTE HANDLE

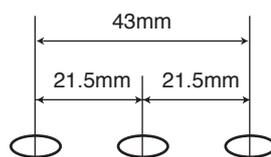
**To drill three holes in wooden window frames for espagnolette handles.**

- Drills three holes to accept espagnolette handles for windows.
- For use with multibore drills with 10mm diameter shank.
- Use with a corded drill, drill stand or pillar drill.
- Centre chuck is right hand rotation and the two outside chucks are left hand rotation.



## Technical Specification:

Size	140mm x 212mm x 101mm
Drill Chuck Capacity (minimum)	9.5mm
Drill Centres	21.5mm
Drill Shank Diameter	10mm
Rotation	2 x left hand, 1 x right hand
Maximum Drill Lengths	57.5mm
Maximum Drill Diameter (3 tools)	10mm/25mm/10mm
Maximum Speed (RPM)	1,800
Weight	2.7kg



Description	Product Ref
Espagnolette Handle Drilling Jig (Drill bits not included)	IT/MWS/TRI/A

Dia.	Product Ref. RH	Product Ref. LH
3mm	IT/DSC30R + IT/203 952 7	-
4mm	IT/201 281 7	IT/201 282 7
5mm	IT/201 001 7	IT/201 004 7
8mm	-	IT/201 016 7
10mm	IT/201 019 7	IT/201 022 7
11mm	IT/201 023 7	IT/201 024 7
12mm	IT/201 025 7	IT/201 028 7
25mm	IT/203 107 7	-
26mm	IT/203 113 7	-
35mm	IT/203 125 7	-
40mm	IT/203 131 7	-



# 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

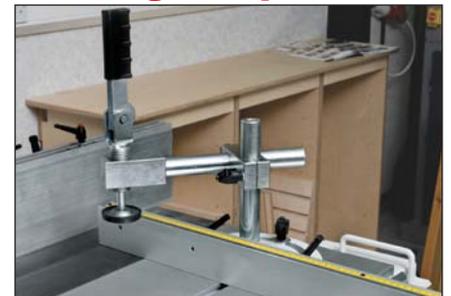


The aluminium flush mounted table runs on 8 high precision bearings ensuring smooth running and outstanding accuracy. A slot in the table is used for locating the tenoning clamp for the optional Tenoning Table.



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.

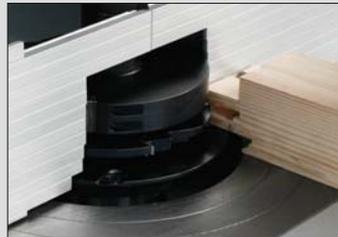
## Optional Extras

### 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 KNIVES

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	<b>Tewkesbury Saw Co Ltd</b> Newtown Trading Estate, Tewkesbury, Gloucestershire GL20 8JG	Alan Murphy 01684 293092 amurphy@tewkesburysaw.co.uk www.tewkesburysaw.co.uk
Norfolk	<b>Norfolk Saw Services</b> Unit 7, Whiffler Road Ind Est, Norwich NR3 2AW	Mark Hindle 01603 898695 sales@norfolksawservices.co.uk www.norfolksawservices.co.uk
Hampshire	<b>Groewood Machines Ltd</b> Unit 4, Northbrook Farm, Micheldever, Hampshire SO21 3AJ	Nick Groves 01256 818235 info@groewoodmachines.co.uk www.groewoodmachines.co.uk
Cornwall	<b>Westcountry Woodworking Mach Ltd</b> Beacons Kilns, High Street Village, St Austell PL26 7SR	Jeremy Bennetts 01726 828388 sales@machinery4wood.co.uk www.machinery4wood.co.uk
Glasgow	<b>The Saw Centre Ltd</b> 650 Eglinton Street, Glasgow, Lanarkshire G5 9RP	Brian Johnston 0141 4294444 sales@thesawcentre.co.uk www.thesawcentre.co.uk
Edinburgh	<b>Saw &amp; Tool Services</b> Unit 4, 48 Dryden Terrace Loanhead Edinburgh, Midlothian EH20 9JL	Andy McIlwaine 0131 448 0207 info@sawandtooling.co.uk www.sawandtooling.co.uk
Leicestershire	<b>Markfield Woodworking Machinery Ltd.</b> 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**



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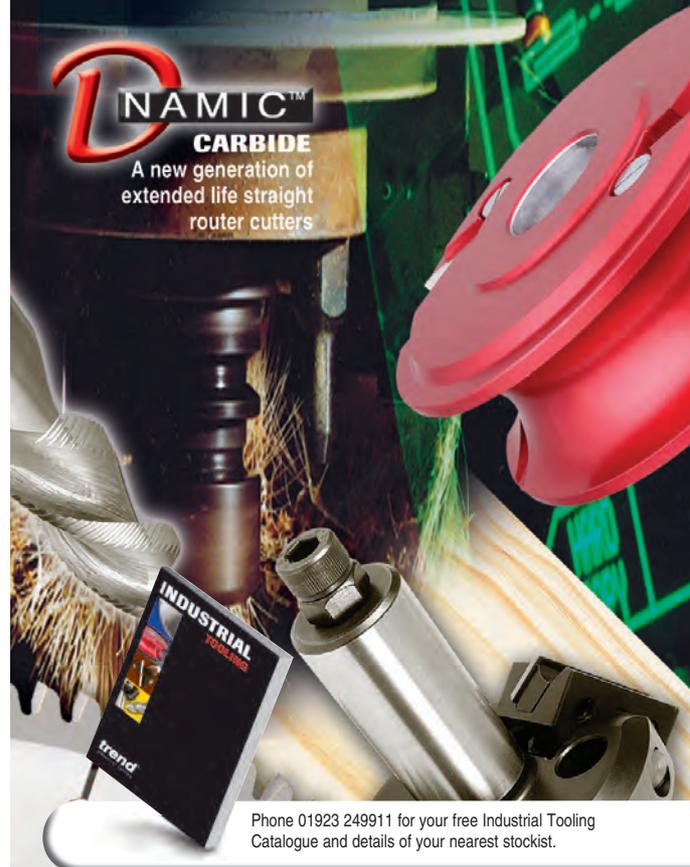
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