

spindle moulders

nova tf 110

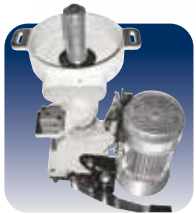
nova ti 105

nova tf 100



		nova tf 110	nova ti 105	nova tf 100
Spindle height CE Ø 30-35 (40-50)	mm	140 (180)	125 (125)	125 (125)
Max. diameter of the profiling tool	mm	250	240	240
Max. tool diameter retractable under worktable at 90°	mm	320	240	240
Max. diameter of tenoning tool CE Ø 30-35 (40-50)	mm	300 (350)	275 (320)	240 (240)
Three-phase motors power starting from	kW/Hz	5 (6) / 50 (60)	5 (6) / 50 (60)	5 (6) / 50 (60)

Find the complete technical specification at page 44



Spindle Moulder Unit
sturdiness and
versatility



Spindle Moulder Fence
set-up rapidity



Machine Versions
specialisation and
professionalism

Precision and reliability in unbeatable time.

spindle moulders operating groups

sturdiness and versatility

Spindle moulder unit

Maximum stability and rigidity in all working conditions, thanks to a **large spindle moulder column made entirely of cast iron.**

The spindle is surrounded by a cast iron "cup" to protect the internal mechanical components from shavings and sawdust.

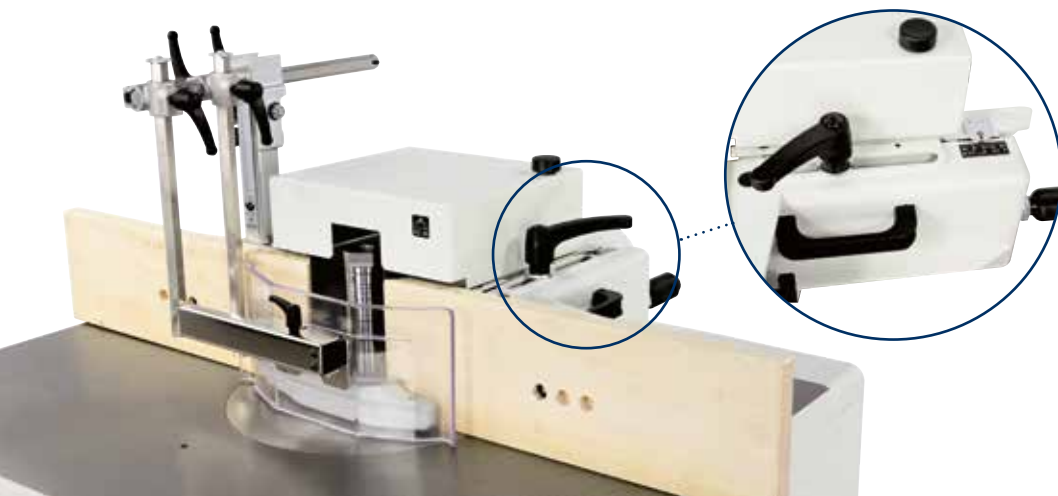
The 5 standard speed (4 speed for *nova ti 105* and *nova tf 100*) are ideal for any type of machining, from profiling to moulding and tenoning, with the possibility to fit large diameter tools.



easy to use

Adjustable spindle moulder fence

A handle provides the setting-up of the infeed table, which effects the removal and it is verified by an index on a metric scale.



nova ti 105 optional electronic controls



Powered operating unit movement
with digital readouts
Maximum precision and ease-of-use.

"Flex One" spindle moulder fence
Automatic adjustment of the entire
fence according to the tool diameter.
The "Flex" exclusion system
(SCM solution) is user-friendly
with precise re-positioning.



Ready 3 UP

The programming of the work becomes simple and effective with the electronic **mobile control panel** with a 4" LCD colour screen. Working mode: manual, semi-automatic and automatic with a memory capacity of up to 99 programs.



Tool-hoder
shaft lifting



Tool-hoder
shaft tilting



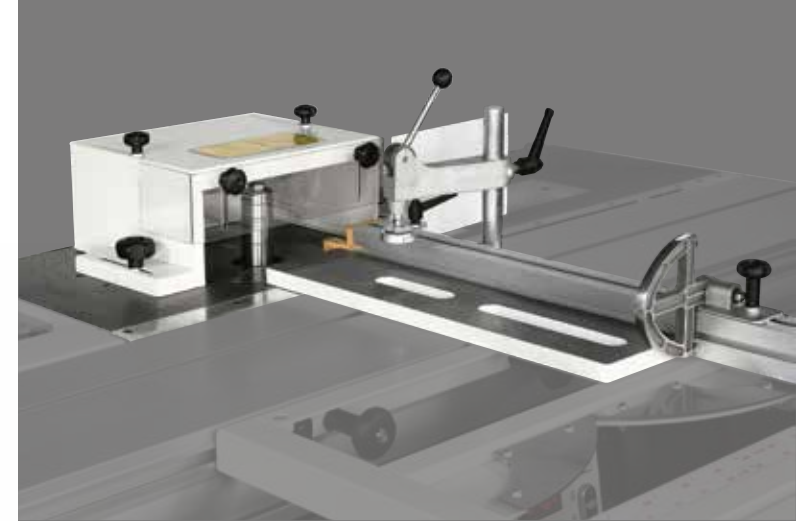
Adjustment of the
entire profiling
fence



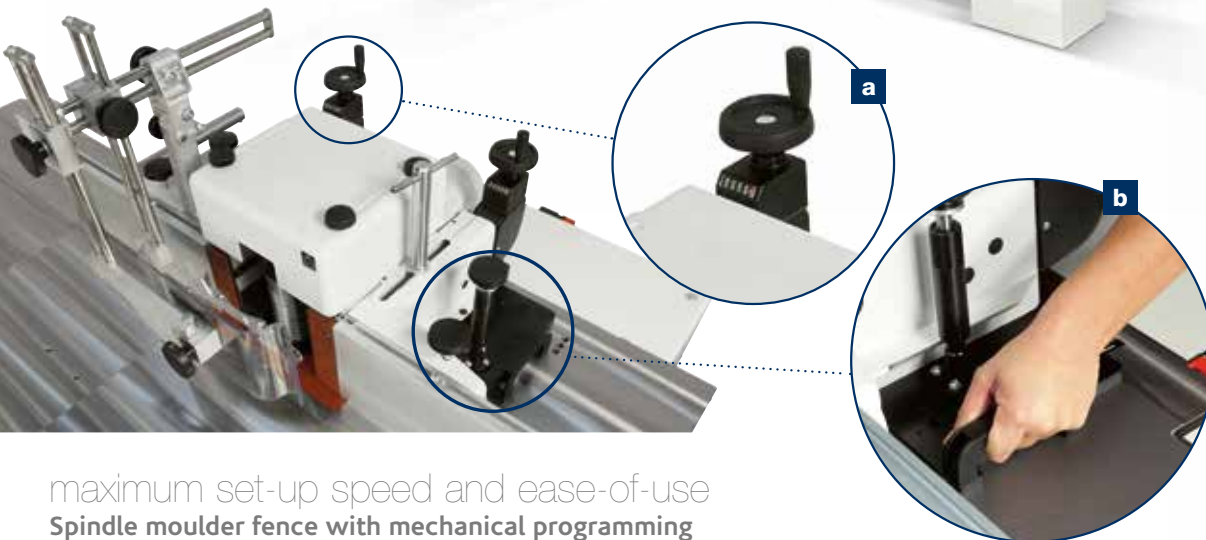
Tool-hoder shaft
speed readout

spindle moulders machine versions

For the profiling of very large work-pieces, the *nova ti 105* can be equipped with a **support frame complete with two reversible stops**.



The *nova ti 105* "version with front sliding carriage" can be equipped with **tenoning table and tenoning hood** in order to house tools, 320 mm max. diameter (300 mm USA/ Canada).



maximum set-up speed and ease-of-use

Spindle moulder fence with mechanical programming

No more test runs due to digital readouts **(a)** that ensure accuracy to a tenth of a millimetre in positioning the two worktables. The side handles **(b)** make it easy to remove and reposition the fence from the worktable.



Carriage on worktable for small tenoning operations

Ideal for tenoning of small work-pieces for the versions without sliding carriage. Mitre cuts with angles of $\pm 60^\circ$ on the worktable are possible. Easy fitting and removal due to the fixing system on the worktable.



"TL" versions

Top machining precision and stability due to the manual feed carriage with castiron structure mounted on axial bearings running on slideways made from hardened and ground bar.



For a total safety and a higher flexibility, the machine is supplied, as standard feature, with a **special protection hood for moulding operations.**

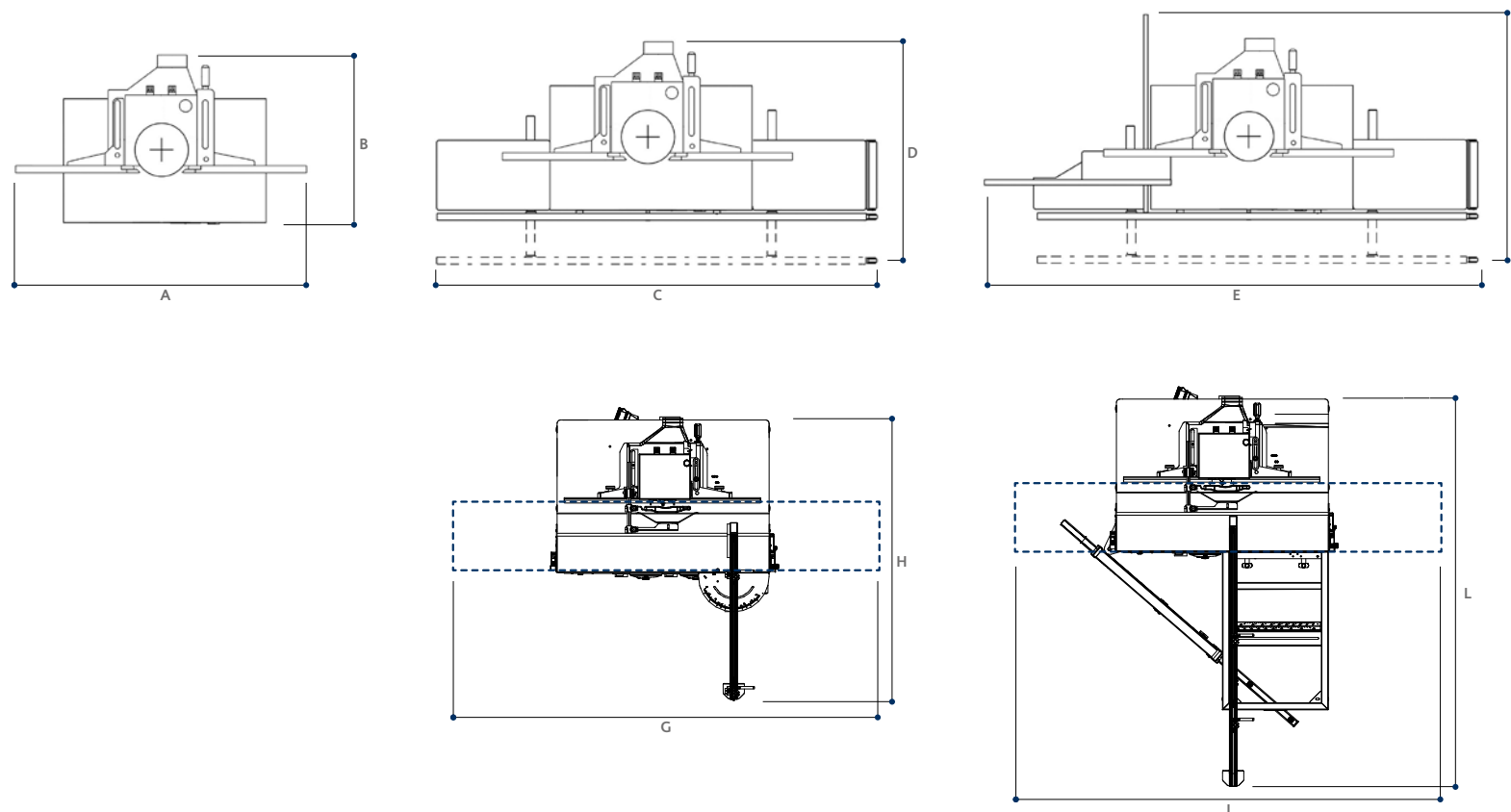


"LL" versions with worktable side extensions

Ideal when machining very long work-pieces due to worktable extensions. The mobile front bar makes it easy to move large dimensioned work-pieces on the worktable, particularly for edge profiling.



spindle moulder technical data



S Standard
O Option

TECHNICAL DATA		nova tf 110	nova ti 105	nova tf 100
Worktable dimensions	mm	1200 x 730	1200 x 855	1080 x 655
Spindle tilting		-	0° ÷ +45°	-
Spindle height CE Ø 30-35 (40-50)	mm	140 (180)	125 (125)	125 (125)
Spindle speed (at 50 Hz)	rpm	3000/4500/6000/7000/10.000	3500/6000/8000/10.000	3500/6000/8000/10.000
Max. diameter of the profiling tool	mm	250	240	240
Max. tool diameter retractable under worktable at 90°	mm	320	240	240
Max. diameter of tenoning tool CE Ø 30-35 (40-50)	mm	300 (350)	275 (320)	240 (240)
other technical features				
Three-phase motors 5 kW (6,6 hp) 50 Hz - 6 kW (8 hp) 60 Hz		S	S	S
Three-phase motors 7 kW (9,5 hp) 50 Hz - 8 kW (11 hp) 60 Hz		O	O	O
Exhaust hood diameter:				
- at the base	mm	120	120	120
- on the spindle moulder fence	mm	120	120	120

OVERALL DIMENSIONS		nova tf 110	nova ti 105	nova tf 100
A	mm	1200	1200	1111
B	mm	730	855	655
C	mm	2600	2600	2600
D min.	mm	800	920	720
D max.	mm	1250	1220	1020
E	mm	3150	-	-
F min.	mm	800	-	-
F max.	mm	1250	-	-
G	mm	-	2800 ÷ 3850	-
H	mm	-	2354	-
I	mm	-	2800 ÷ 3850	-
L	mm	-	3200	-

MAIN OPTIONAL DEVICES	nova tf 110	nova ti 105	nova tf 100
"Ready 3 UP" version with "Flex One" spindle moulder fence	-	0	-
Support frame with tiltable telescopic fence complete with 2 reversible stops	-	0	-
Powered operating unit movement with digital readouts	-	0	-
Spindle moulder fence with mechanical programming	0	0	0
Aluminium tabled instead of the wooden ones for profiling fence	0	0	0
Interchangeable spindle	0	0	0
Spindle for router bits	0	0	0
"LL" version with 2 cast-iron profiling extensions	0	0	0
"TL" version for tenoning and profiling	0	-	-
Tenoning table and tenoning hood	-	0	-
Carriage on the fixed table for small tenoning operations	0	0	0