

Spindle moulder with tilting spindle nova ti 105



MAIN FEATURES



SET UP PRECISION AND RELIABILITY

Technical features

NOVA TI 105

Worktable dimension (with carriage as optional device)	[mm]	1200x855 (1200x530)
Spindle moulder shaft tilting		0° / +45°
Spindle moulder shaft height diam. 30-35 (40-50)	[mm]	125 (125)
Spindle base projection from worktable	[mm]	2
Spindle base projection from worktable with interchangeable spindle	[mm]	38
Max. tool diameter retractable under worktable (45°)	[mm]	240x80 (150x80)
External diameter of exhaust outlet (spindle moulder hood)	[mm]	120
External diameter of exhaust outlet on base	[mm]	120

Standard equipment and options

- Manual tool-holder shaft lifting, complete with mechanical readout of working height
- Manual tool-holder shaft lifting, complete with mechanical readout of working angle
- Fixed spindle moulder (version with electrical protections) with exhaust hood (240 mm max. tool diameter)
- Adjustable fence with wooden tables (CE and Usa/Canada version) complete with exhaust hood and connecting wooden table (240 mm max. tool diameter)
- 3500/6000/8000/10000 rpm, 50Hz spindle speed
- 4000/7000/9000/12000 rpm, 60Hz spindle speed
- Electrical presetting for feeder (CE version)
- Electric preset for feeder (USA/Canada version)
- Electric speed display dial
- Motor power 5,5kW 50Hz (6,6kW 60Hz) direct motor start:
 - [S1] 4kW 5,5HP 50Hz (4,8kW 6,6HP 60HZ)
 - [S6 -40%] 5,5kW 7,5HP 50Hz (6,6kW 9HP 60HZ)
- Reverse spindle rotation electrical interlocking for reverse operation

Safety/Protections

- Spindle protection for operations (160 mm max. tool diameter) (CE version)
- Emergency pushbutton
- Safety microswitches on spindle locking (CE and USA/Canada versions)
- Safety microswitch on motor access door
- Padlockable main switch
- Overload switch protection
- Auxiliary low voltage circuit (110 volt)
- Automatic brake on main motor (CE and USA/Canada versions)
- Mechanical brake on main motor (version with electrical protections)
- Certificate of conformity "C.E. standards" (CE version)
- "CSA" rated electrical components, including cables (USA/Canada version)

Codice produttivo: NOVA TI 105

109999	Security execution	N. 1
R02220	nova ti 105 CE version	N. 1
930772	Voltage 400 EU	N. 1
931205	Frequency 50 hz	N. 1
555200	READY 3 UP version	N. 1

nova ti 105
optional
electronic
controls



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



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.

"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.





Tool-holder shaft lifting



Tool-holder shaft tilting



Adjustment of the entire profiling fence



Tool-holder shaft speed readout

580335	Three-phase motor 7kW (9,5hp) 50Hz - 8kW (10hp) 60Hz	N. 1
570264	Interchangeable spindle	N. 1
131328	Spindle moulder shaft of 50 mm diam.	N. 1
211319	Locking by countersunk socket screw	N. 1
083250	Wood blocks	N. 1