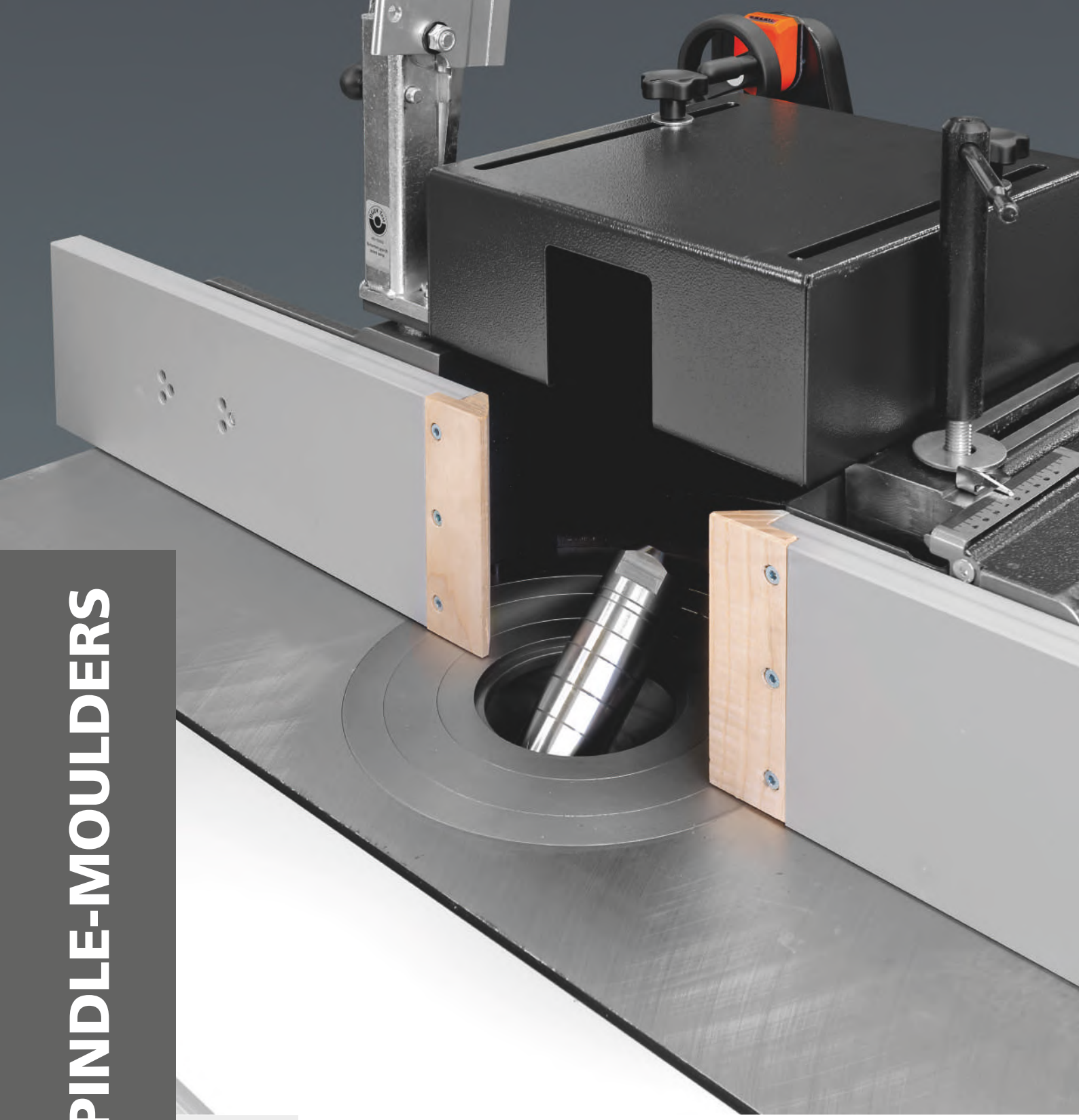


SPINDLE-MOULDERS

English

ROBLAND®

MADE IN BELGIUM

TABLE OF CONTENTS

About Robland ..... 3 - 5

T110i 6

T120 TS 7

T120 TL 8

T120 TP 9

Features 10

Options 11

Accessories 12

Strengths 13

Selection criteria 14

Robland machines overview ..... 14 - 15

Disclaimer & contact details 16

MADE IN BELGIUM

SINCE 1968

ROBLAND is a privately owned Belgian company, that was founded in 1968 by Robert Landuyt. The first successes were achieved by building affordable qualitative universal woodworking machines, a large part of which are still in use today.

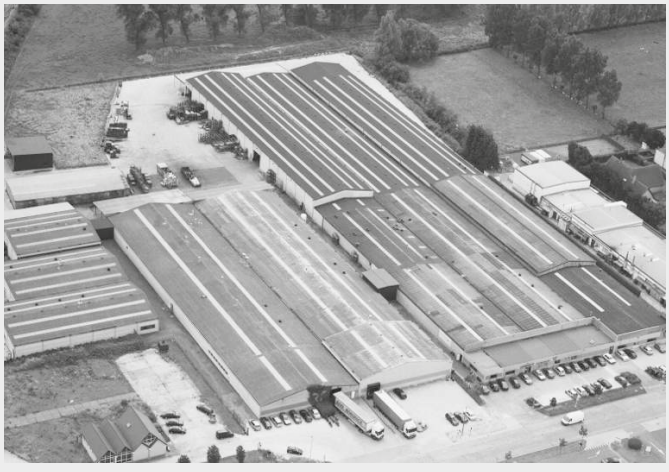
We do have all resources and competencies in house for product development, parts manufacturing, product assembly, sales and after sales support.

With our state of the art, highly automated, parts manufacturing machines we are able to remain cost effective while manufacturing in Belgium near the historical city of Bruges. Although our machines will last for years, this is not enough for us. A quality service and after sales support is key to ROBLANDs success. As we manufacture all machine parts ourselves, you can rely on spare parts always being rapidly available.

Our company mission is to offer woodworking machines with the best quality/price ratio to the high end Do-It-Yourself market and to the small and medium-sized enterprise market.

Our product portfolio, aimed at the second wood processing, includes panel saws, table saws, universal machines, planers, thicknessers, spindle moulders, horizontal mortisers, a semi-automatic boring machine, a CNC boring machine, edgebanders and dust extraction systems.

We have an international dealer network and currently export over 85% of our production worldwide to more than 100 countries. In its 20.000 m² large factory ROBLAND employs over 80 people.



2018
50th anniversary

Introduction new line of panel saws

2015
Installation of Robot for machine (un)loading

Introduction of NLX410

2012
Introduction of BM3000, ROBLAND's first CNC machine

2011
Introduction of the PS series of panelsaws

Introduction of the Edgebanders

2008
Introduction of Axis Ergo

Extension of the factory to 20.000m²

Introduction of HX- and NX-Series

2006
Introduction of motorised panelsaw NZ3200

2005
Introduction of the S510 planer

2004
New welding hall in factory

2002
Introduction of NLX-Series and D630 thicknesser

2000
Introduction of E300, small panelsaw

1997
Installation of a welding robot

1996
Introduction of ROBLAND planer-thicknesser SD510

1995
First ROBLAND spindle-moulder T120

1992
Introduction of first panelsaw, Z320

1991
Installation of a 6 pallet automated machine center

1989
Installation of lasercutter and automatic lathe for parts manufacturing

1987
Introduction of the X-Series universals

1985
Introduction of the C-Series universals

1978
Relocation of the factory to its actual site

1976
First sales overseas

1972
Commercialisation of first universal machine K210

1968
ROBLAND founded by Robert Landuyt

PRODUCTION

Steel plate laser cutting

Surface scraping of cast iron table

Computer assisted steel plate bending

Surface scraping of cast iron table

Welding of frame

Raw steel bars

Powder coating

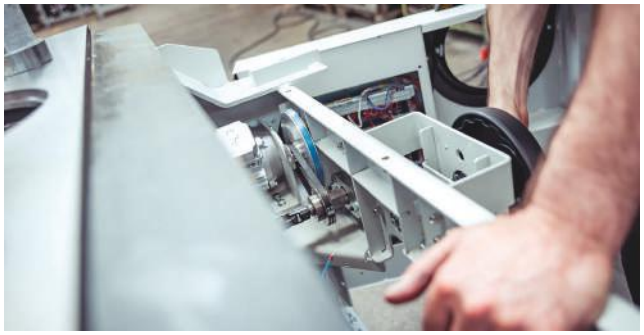
Machining parts

Milling of sliding table surface

Machining parts

SUBASSEMBLY

ASSEMBLY



LEVELLING & ALIGNMENT

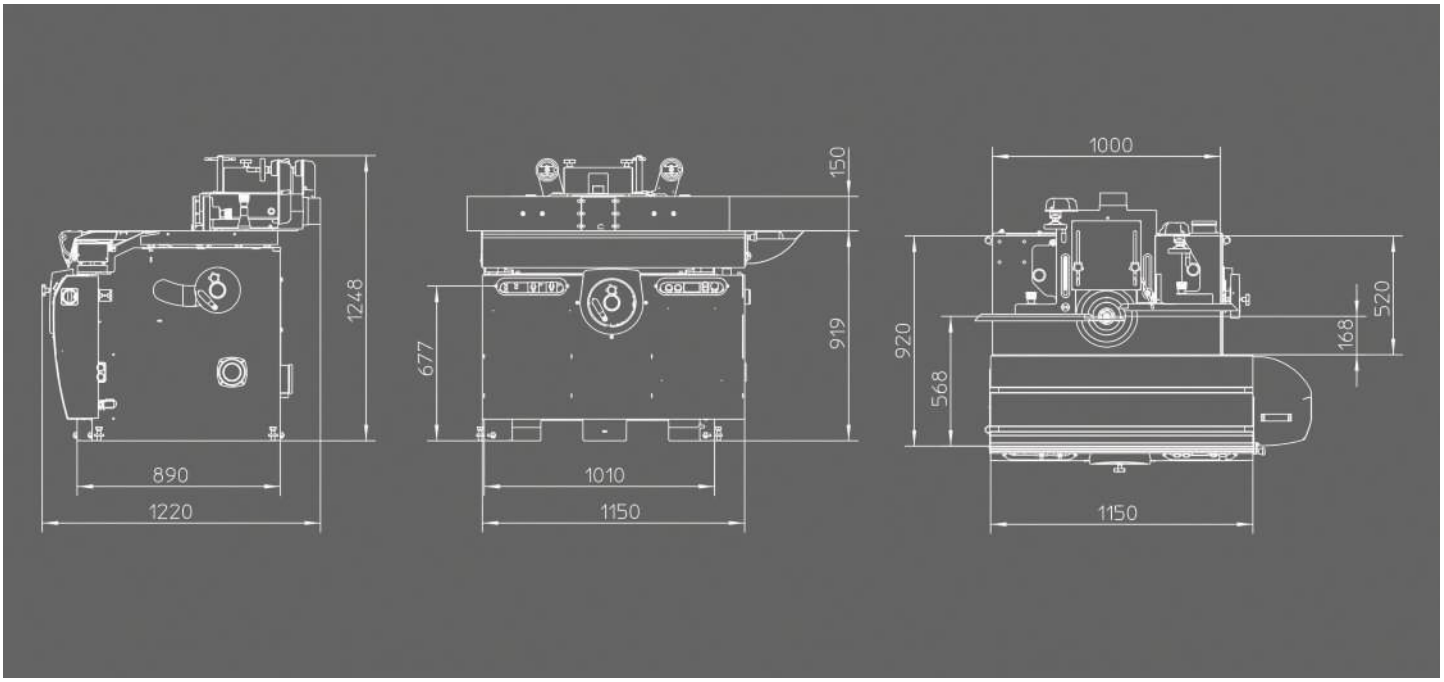
PACKAGING

T110i

T110i with options

T110i Technical Data

Voltage	3 x 230 V / 3 x 400 V
Motorpower (S6)	7 kW / 9,5 hp (option 9,2 kW)
Weight	530 kg
Shaft diameter	30 / 40 / 50 / 1”1/4
Spindle length	150 mm
Spindle stroke	150 mm
Spindle angle	-5° / +45°
Spindle rotation speed	3000 / 4500 / 6000 / 7000 / 10000 RPM
Dimensions cast iron table	1000 x 520 mm
Table opening	258 x 60 mm
Sliding table	1400 x 420 mm
Table height	920 mm
Diameter dust collection	120 mm

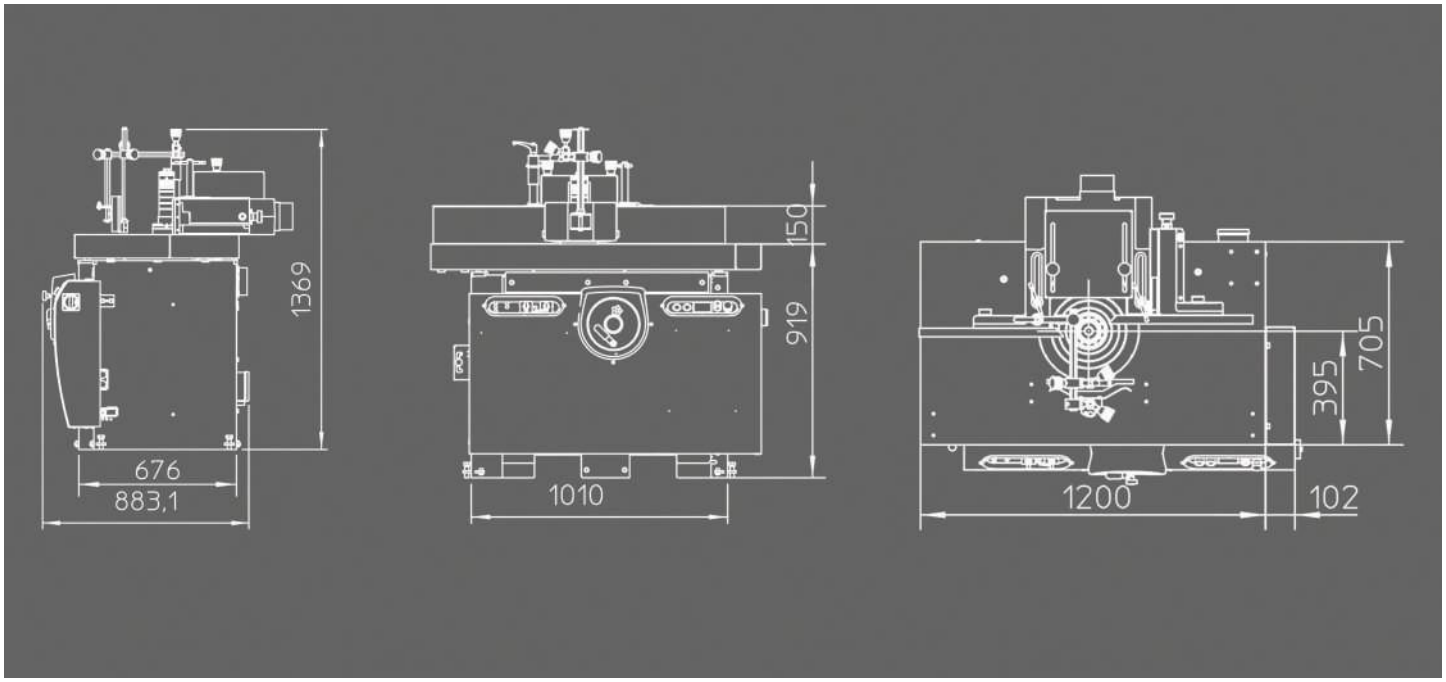


T120 TS

T120 TS with options

T120 TS Technical Data

Voltage	3 x 230 V / 3 x 400 V
Motorpower (S6)	7 kW / 9,5 hp (option 9,2 kW)
Weight	560 kg
Shaft diameter (fixed)	50 mm
Shaft diameter (quick exchange)	30 / 32 / 40 / 50 mm / 1”1/4
Spindle length	180 mm
Spindle stroke	205 mm
Spindle rotation speed	3000 / 4500 / 6000 / 7000 / 10000 RPM
Dimensions cast iron table	1200 x 705 mm
Max. diameter and height table opening	320 x 95 mm
Table height	930 mm
Diameter dust collection	120 m

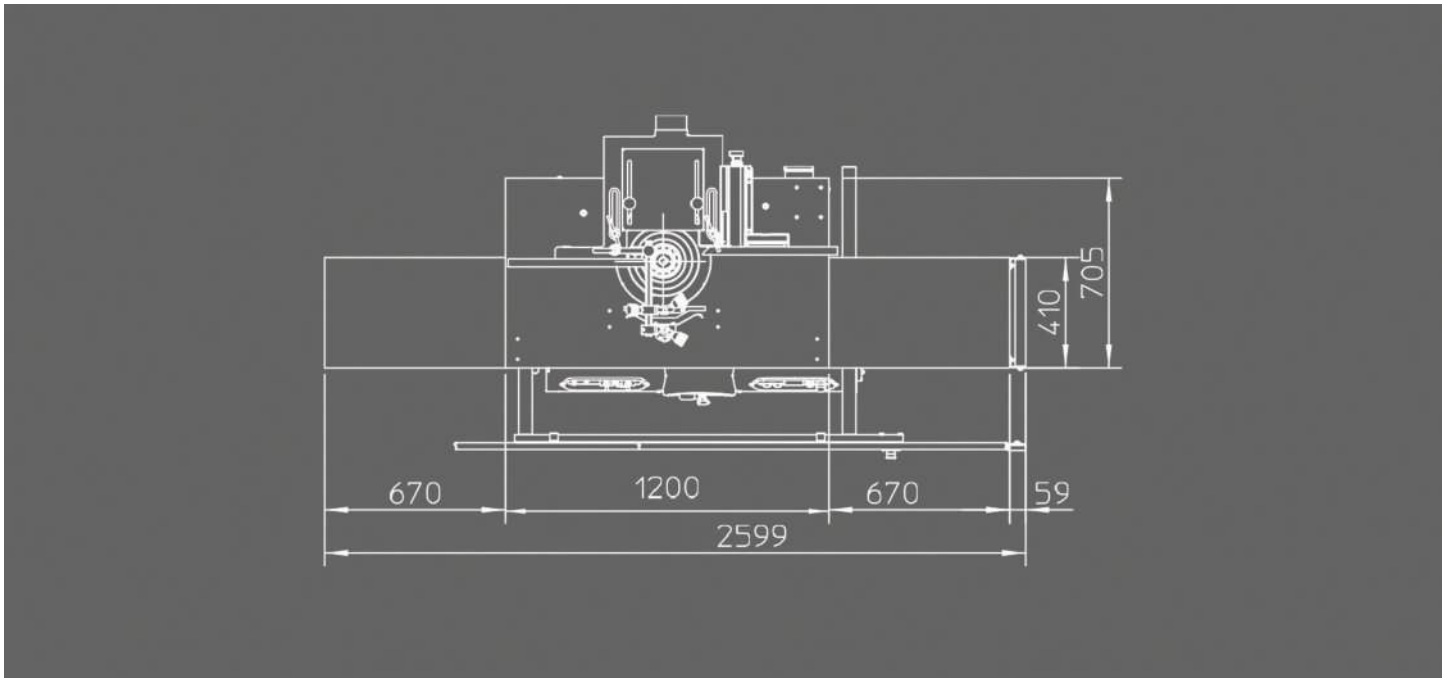


T120 TL

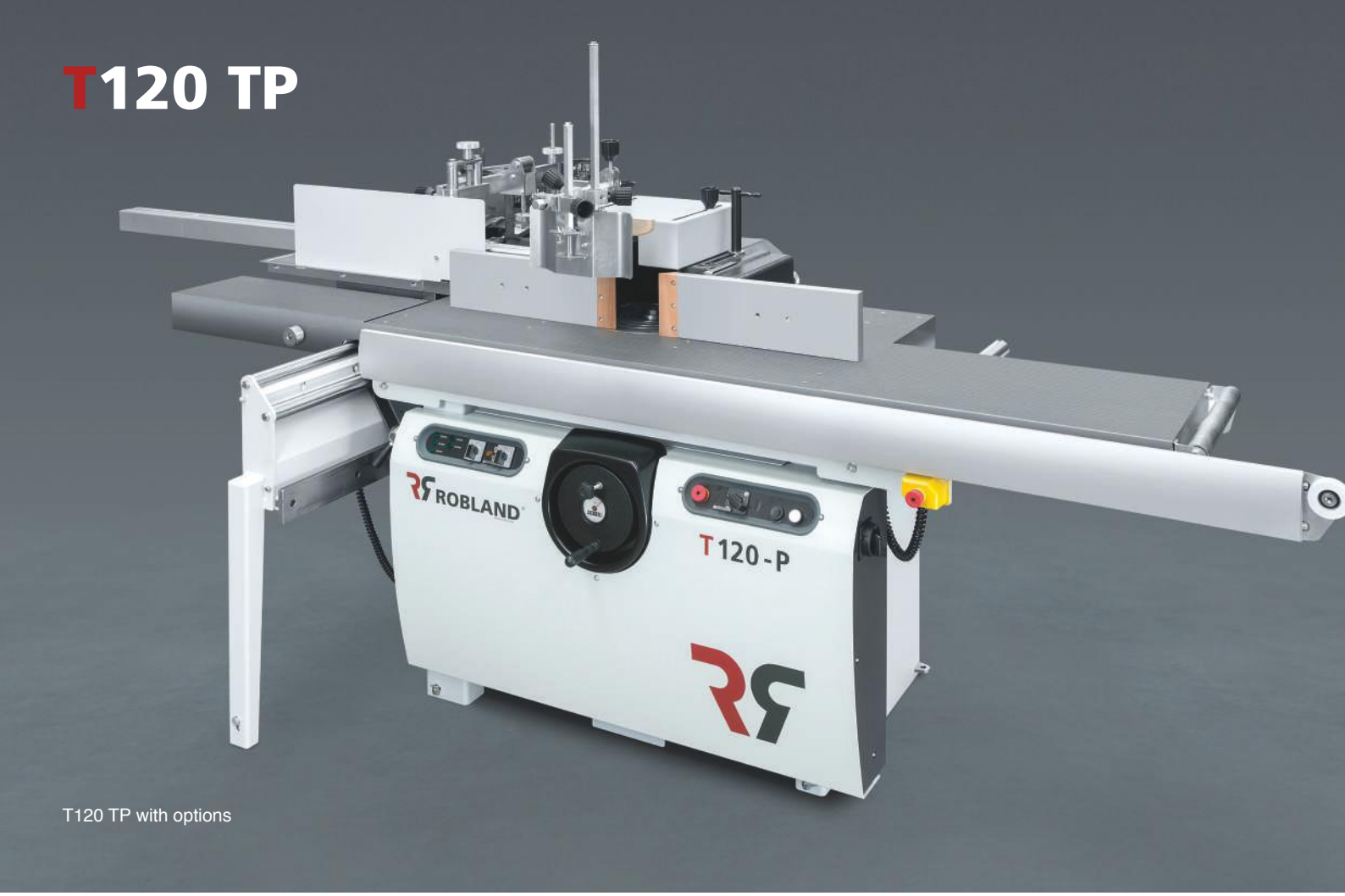
T120 TL with options

T120 TL Technical Data

Voltage	3 x 230 V / 3 x 400 V
Motorpower (S6)	7 kW / 9,5 hp (option 9,2 kW)
Weight	655 kg
Shaft diameter (fixed)	50 mm
Shaft diameter (quick exchange)	30 / 32 / 40 / 50 mm / 1”1/4
Spindle length	180 mm
Spindle stroke	205 mm
Spindle rotation speed	3000 / 4500 / 6000 / 7000 / 10000 RPM
Dimensions cast iron table	1200 x 705 mm
Max. diameter and height table opening	320 x 95 mm
Table height	930 mm
Diameter dust collection	120 mm



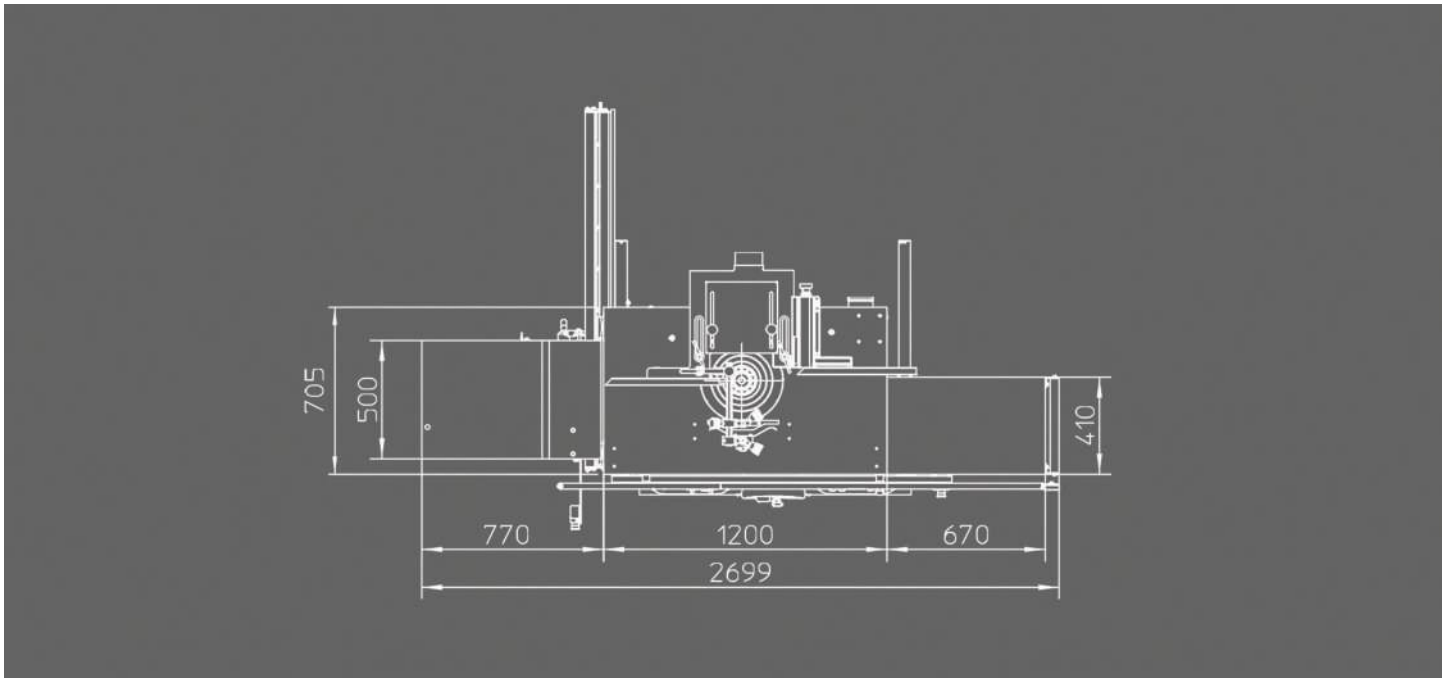
T120 TP



T120 TP with options

T120 TP Technical Data

Voltage	3 x 230 V / 3 x 400 V
Motorpower (S6)	7 kW / 9,5 hp (option 9,2 kW)
Weight	1070 kg
Shaft diameter (fixed)	50 mm
Shaft diameter (quick exchange)	30 / 32 / 40 / 50 mm / 1”1/4
Spindle length	180 mm
Spindle stroke	205 mm
Spindle rotation speed	3000 / 4500 / 6000 / 7000 / 10000 RPM
Dimensions cast iron table	1200 x 705 mm
Max. diameter and height table opening	320 x 95 mm
Table height	930 mm
Diameter dust collection	120 mm



FEATURES T110i

PRO PACK (STANDARD)

- Micro adjustment and positioning by hand wheel and mechanical indicatiors
- The fence moves on linear guides
- Hand wheel with integrated analogue read-out height spindle moulder
- Electrical preparation for feeder

DIGI PACK (OPTION)

- Electrical preparation for feeder
- Motorized rise and fall of the spindle shaft
- Motorized inclination of the spindle shaft
- Digital read-out of the spindle height
- Digital read-out of the spindle inclination

FEATURES T120

PRO PACK (STANDARD)

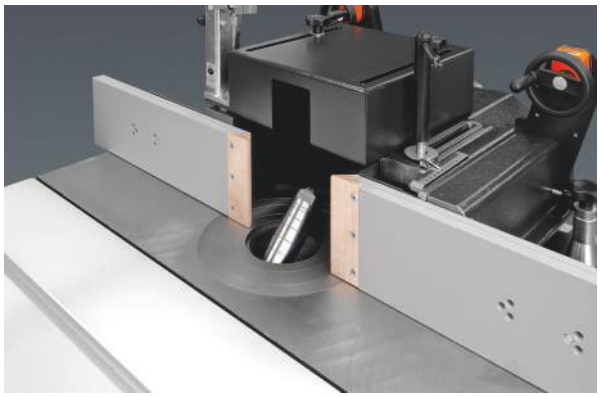
- Micro adjustment and positioning by hand wheel and mechanical indicators
- The fence moves on linear guides
- Hand wheel with integrated analogue read-out height spindle moulder
- Electrical preparation for feeder

COMFORT PACK (OPTION)

- Swing away device to facilitate the removal of the fence of the table
- Motorized rise and fall of the spindle shaft
- Digital read-out of the spindle height

Motorised rise and fall of spindle shaft with integrated digital read-out. This read-out offers even more comfort and precision.

OPTIONS



ALUMINIUM FENCES

In the standard configuration wooden fences are supplied limiting the risk of tool damage. Optionally they can be replaced by aluminium fences.

AIGNER FENCES

With additional bars the aigner fences further limit the opening under the fence and hereby provide additional safety.

INTERCHANGEABLE SPINDLE SYSTEM (on the T120 series)

The interchangeable spindle system allows on a T120 model to easily exchange the spindle. Following diameters are available: 30mm, 32mm, 40mm, 50mm, 1” 1/4 inch.

ACCESSORIES

TENONING TABLE T120

On the T120 TS and T120 TL a sliding table can be mounted with a cast iron tenoning table including fence and wood clamp.

TENONING TABLE T110I

On the T110i a cast iron tenoning table including fence and wood clamp can be mounted.

MITRE FENCE

A mitre fence and woodclamp are available for the T110i.

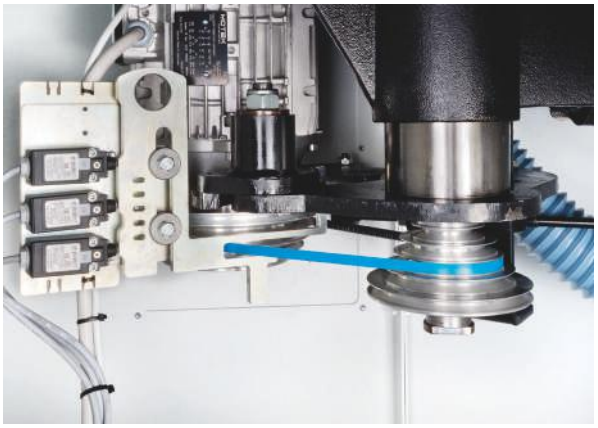
COLLET HOLDER

A collet holder is available for T120 spindle-moulders that are equipped with an interchangeable spindle system.

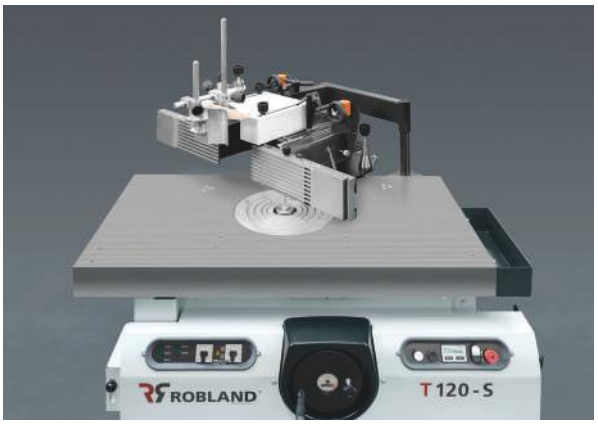
COLLETS

A set of 18 collets is available with size 3 - 20 mm

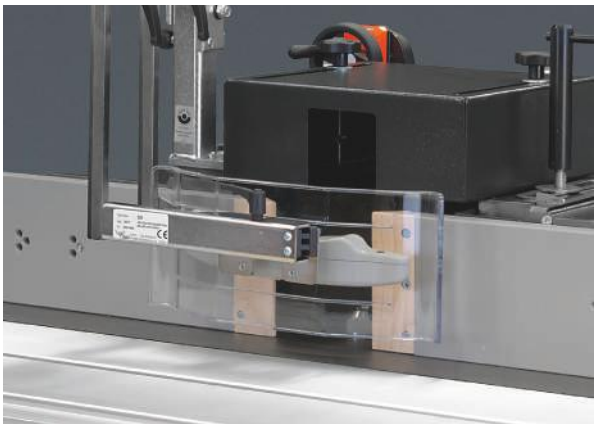
STRENGTHS



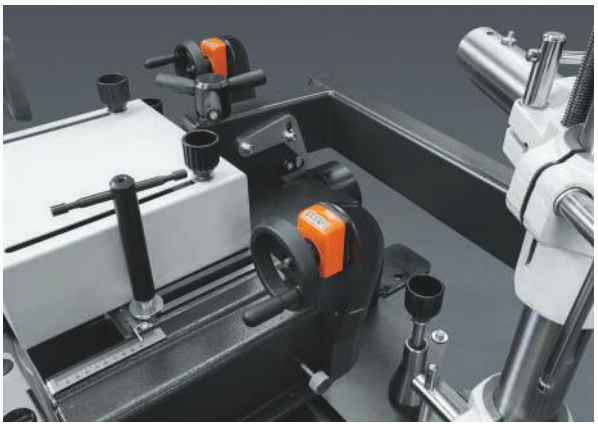
Easy accessibility to change spindle speeds.
3000 / 4500 / 6000 / 7000 / 10000 RPM



Easy pickup system for the heavy duty fence on the T120 models optionally available. (+/- 80kg)



See-through clamp to make work easier and safer to see and control. Now standard on all T110i and T120 models.



Micro adjustment and positioning by handwheel with mechanical counters. The topcover runs on ergonomic linear guides for easy reference and increased precision.

Handwheels with mechanical counters ensure the exact positioning of topcover and fence.

SPINDLE - MOULDERS
OVERVIEW

X = Present / O = Optional / S = Standard / - = Not available

	T110i	T120S	T120L	T120P
Machines basics				
Tiltable spindle	X	-	-	-
Manual rise and fall	X	X	X	X
Manual tilt	O	-	-	-
Electrical rise and fall	O	O	O	O
Electrical tilt	O	-	-	-
Tenoning				
Sliding table (requires optional tenoning fence and woodclamp)	X	-	-	-
Cast iron table with fence and woodclamp	O	-	-	-
Cast iron table with fence and woodclamp mounted on sliding rails	-	O	O	-
Heavy duty cast iron table with fence and woodclamp	-	-	-	S
Motor powers				
7 kW 3 * 400 V	X	X	X	X
7 kW 3 * 220 V	O	O	O	O
9,2 kW 3 * 400 V	O	O	O	O
9,2 kW 3 * 220 V	O	O	O	O
Spindle rotation (RPM)				
3000 / 4500 / 6000 / 7000 / 10000	X	X	X	X
Spindle arbor (mm)				
30	O	O	O	O
40	O	O	O	O
50	O	S	S	S
1” 1/4	O	O	O	O
Interchangeable arbor	-	O	O	O
Digital read-outs				
Height	O	O	O	O
Inclination	O	-	-	-

Other machines to meet your needs & still within your means

PANEL SAWS

NXZ

E300

E2500

PLANER - THICKNESSERS

Z300 SERIES

Z400 / Z500 SERIES

NXSD SERIES

PLANERS

SD410

SD510

S410

THICKNESSERS

J510

D510

D630

HORIZONTAL SLOT MORTISERS

LBM

TABLE SAW

M500

COMBINED MACHINES

HX260

HX310 PRO

NX PRO SERIES

NLX PRO SERIES

HORIZONTAL SLOT MORTISERS

BM21 PRO

DRILLING MACHINES

BM3000

EDGEBANDER

KM SERIES

This brochure is for information purposes only. Robland reserves the right to modify machine configurations and specifications without prior notice. Standard configurations can change over time and by point of purchase. Please consult your local dealer for accurate and up to date information.

Robland NV
Kolvestraat 44
8000 Brugge - Belgium
Tel: +32 50 458 925
info@robland.com
www.robland.com

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