





#### **TABLE OF CONTENTS**

About Robland	3 - 5
NXZ	6
E300	7
E2500	8
Options & accessories - E-series	9
Strengths	10 - 11
Z-series	12 - 13
Z300	14
Z400	15
Z500	16
Outrigger tables	17
Options & accessories - Z-series	 18 - 19
Selection criteria	 20 - 21
ROBLAND machines overview	 22 - 23
Disclaimer & contact details	 24

# 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 m<sup>2</sup> large factory ROBLAND employs over 80 people.

#### 2015

Installation of Robot for machine (un)loading

Introduction of NLX410

Introduction of the PS series of panelsaws

> Introduction of the Edgebanders

#### 2006

Introduction of motorised panelsaw NZ3200

#### 2004

New welding hall in factory

#### 2000

Introduction of E300. small panelsaw

#### 1996

Introduction of **ROBLAND** planer-thicknesser SD510

#### 1992

Introduction of first panelsaw, Z320

#### 1989

Installation of lasercutter and automatic lathe for parts manufacturing

#### 1985

Introduction of the C-Series universals

#### 1976

First sales

overseas

ROBLAND founded by Robert Landuyt

#### 2018

50th anniversary

Introduction new line of panel saws

#### 2012

Introduction of BM3000, ROBLAND's first CNC machine

#### 2008

Introduction of Axis Ergo

Extension of the factory to 20.000m<sup>2</sup>

Introduction of HX- and **NX-Series** 

#### 2005

Introduction of the S510 planer

#### 2002

Introduction of NLX-Series and D630 thicknesser

#### 1997

Installation of a welding robot

#### 1995

First ROBLAND spindle-moulder T120

#### 1991

Installation of a 6 pallet automated machine center

#### 1987

Introduction of the X-Series universals

#### 1978

Relocation of the factory to its actual site

#### 1972

Commercialisation of first universal machine K210

3

#### 1968

#### **PRODUCTION**



Steel plate laser cutting



Computer assisted steel plate bending



Welding of frame



Powder coating



Milling of sliding table surface



Surface scraping of cast iron table



Edge milling of cast iron table



CNC Machining of cast iron table



CNC Machining of cast iron saw aggregate



CNC Manufacturing of steel parts

#### **SUBASSEMBLY**





### **ASSEMBLY**



















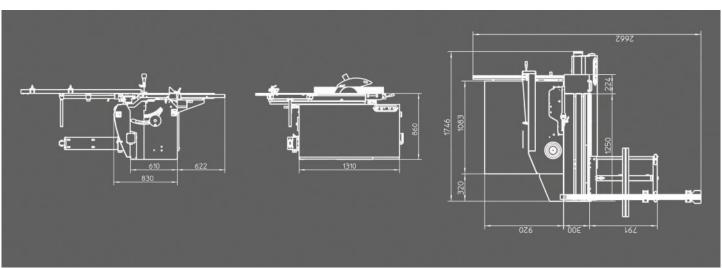




NXZ Technical	data
Weight	

230 V mono / 230 V 3 Phase / 400 V 3 Phase
3,7 kW / 5 hp (S6)
2,2 kW / 3 hp (S6)
with scoring unit (100 x 20 mm)
without scoring unit
4500 RPM
250 x 30 mm + 100 x 20 mm scoring unit
315 x 30 mm
55 mm / 85 mm
75 mm / 107 mm
1600 mm (option 2000 mm / 2500 mm)
900 mm
1080 x 410 mm
1450 mm (option 2050 mm) x 320 mm
100 mm + 60 mm

385 kg

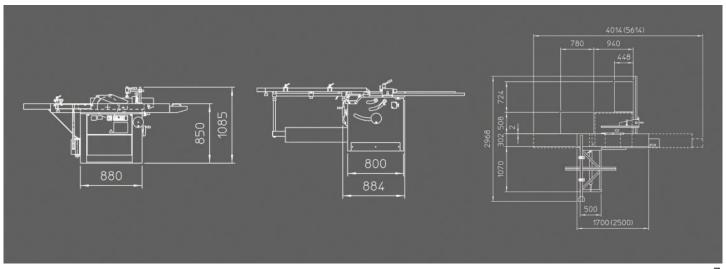


# **E**300



#### E300 Technical Data

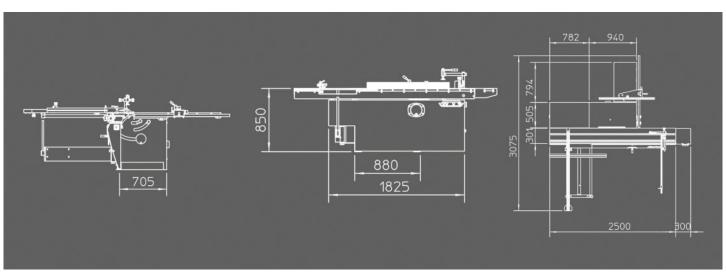
Lood recillical Data		
Weight	437 kg	
Voltage	230 V mono / 230 V 3 phase / 400 V 3 phase	
Motor power 3 phase	4,4 kW / 6,6 hp (S6)	
Motor single phase	3 kW / 4 hp (S6)	
Rotation speed main saw	4500 RPM	
Max. saw diameter	300 mm	
Max. depth of cut at 90° (45°)	100 mm (70 mm)	
Cutting length	1700 mm	
Cutting width parallel fence	1200 mm	
Sawblade bore	30 mm	
Motor power scorer	0,75 kW / 1 hp (S6)	
Rotation speed scoring saw	6500 RPM	
Scoring sawblade	120 x 20 mm	
Cutting depth scorer	4,5 mm	
Dimensions sliding table	1700 x 310 mm	
Dimensions table extension	720 x 450 mm	
Dimensions sawtable	940 x 510 mm	
Dimensions cross-cut table	1060 x 510 mm	
Dust extraction outlets	100 mm + 60 mm / 100 mm with overhead sawguard	





E2500 T	echnica	ıl Data
---------	---------	---------

L2300 Technical Data	
Weight	505 kg
Voltage	230 V mono / 230 V 3 phase / 400 V 3 phase
Motor power (3 phase)	4,4 kW / 6,6 hp (S6)
Motor power single phase	3 kW / 4 hp (S6)
Rotation speed main saw	4500 RPM
Max. saw diameter	300 mm
Max. depth of cut at 90° - 45°	100 mm (70 mm)
Cutting length	2500 mm (option 2800 mm / 3100 mm)
Cutting width	1200 mm
Sawblade bore	30 mm
Motor power scoring saw (option)	0,75 kW / 1 hp (S6)
Rotation speed scoring saw (option)	6500 RPM
Scoring sawblade (option)	120 x 20 mm
Cutting depth scoring saw (option)	4,5 mm
Dimensions sliding table	2850 x 310 mm
Dimensions table extension	720 x 450 mm
Dimensions sawtable	940 x 510 mm
Dimensions cross-cut table	1060 x 510 mm
Dust extraction outlets	100 mm + 60 mm / 100 mm with overhead sawguard



# PANEL SAWS OPTIONS & ACCESSORIES



#### **SUPPORT**

Extra support table

Can be positioned anywhere along the aluminium profile of the sliding table. Together with the outrigger table it offers a better support for large panels.



#### **DIGITAL READ-OUTS**

Digital read-out on parallel fence with micro adjustment (E2500)

This increases ease of use and accuracy.

A digital read-out on the cross-cut fence is available as well.



#### **OVERHANGING DUST EXTRACTION TUBE**

An overhanging dust extraction tube can be mounted on the sawblade protection. It offers a standard dust extraction outlet of 100 mm.

(NXZ, E300, E2500, Z300)



#### **SAW GUARD**

Overhanging saw guard (E300 & E2500)

For optimum safety and dust extraction, the overhanging saw guard mechanically adjusts to the height of the workpiece. The arm is easy to turn away.



#### **SCORING UNIT**

- Optional on the NXZ & E300
- Standard on the E2500
- Diameter 120 mm, driven by seperate motor on E-series
- Diameter 100 mm, beltdriven on NXZ

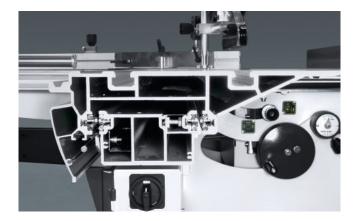
(Scoring blade is not included)

## **STRENGTHS**COMMON TO ALL ROBLAND PANEL SAWS



#### **TORSION TUBE**

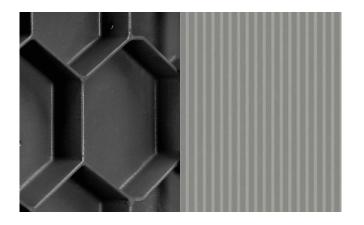
A torsion tube filled with concrete offers increased rigidity to the frame, absorbs vibrations and functions as a counterweight for the load on the sliding table.



#### **ALUMINIUM SLIDING TABLE WITH BOSS**

The aluminium sliding table is completely anodized for better hardness and rust protection. The surface of the sliding table of the Z400 and Z500 is the widest in the industry (426 mm). The Robland bearing system with hard balls on hardened steel round bars (BOSS) and automatic cleaning system ensures a smooth operation.

On every available panel saw of any brand a too hard impact on the carriage inflects an imprint on the lower profile. On any other sliding table, the upper profile has to be dismounted and has to be fixed in a complex way. Thanks to the BOSS-system, the end user can turn the steel round bars himself to obtain a new rolling surface. This way you can enjoy a perfect course of your table for many years.



#### **CAST IRON TABLES**

Our cast iron tables have a honeycomb structure for the highest strength per weight ratio. The surface is scraped. This technique with low energy dissipation guarantees a very flat surface. Microgrooves are applied for easy gliding of the wooden workpiece on the cast iron table.



#### **OVERHANGING SAW GUARD**

For optimal safety and dust extraction, the overhanging saw guard (optionally available as of E300, standard as of Z400 CE) mechanically adjusts to the height of the workpiece. The arm is easy to turn away. On the Z500 the angled support arm allows the cross cut of longer workpieces with a width of up to 850 mm, perfect for kitchen worktables.

## **STRENGTHS**SPECIFIC TO THE **Z**300, **Z**400, **Z**500 SERIES



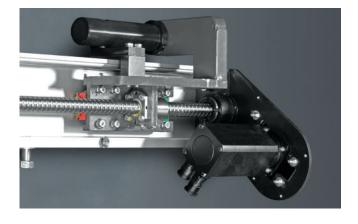
#### **OPTIMIZED SAW AGGREGATE**

The saw aggregate is made out of one piece in cast iron for natural absorption of vibrations and offers more precision and stability. Its aerodynamic design allows for optimal dust extraction. The heavy, cast-iron sawing unit rotates on large shells. The system is maintenance-free and guarantees lifelong accuracy as well as smooth movements.



#### **DIGITAL READ-OUT**

The Double Digital Flippers (DDF) system allows for a digital read-out of the position along the full length of the first part of the outrigger fence. It increases both ease of use and accuracy. The right flipper is used for measurements close to the sawblade while the left flipper allows to measure larger panels.



#### **MOTORIZED PARALLEL FENCE**

The control of the movement of the parallel fence on a ball screw allows for its very accurate positioning (X1 and X3 versions)



#### **LED STRIP WARNING**

On the Z500 models a led strip lights up near the scoring blade when it is in use. This is also available as an option on the Z400 models.

# **Z SERIES**DIFFERENT SAW DIAMETERS

In 2018 ROBLAND launched a new series of panel saws on the basis of different saw diameters, sliding tables and executions. Here you have an overview:



#### Z300 Series

Maximum saw blade diameter: 315 mm



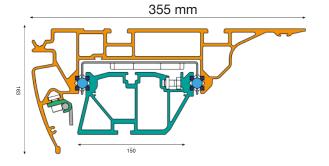
#### Z400 Series

Maximum saw blade diameter: 400 mm / 350 mm with mounted scoring blade



#### **Z**500 Series

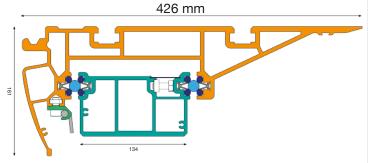
Maximum saw blade diameter: 500 mm / 350 mm with mounted scoring blade



#### SLIDING TABLE **Z**300

- Balls on steel bar system (BOSS)
- 6 Years warranty
- 30 steel ball bearings

Available in lengths 2200 / 2800 / 3200 / 3800 mm Cutting lengths: 2500 / 3100 / 3500 / 4100 mm



#### SLIDING TABLE Z400 / Z500

- Balls on steel bar system (BOSS)
- 6 Years warranty
- 30 steel ball bearings

Available in lengths 2200 / 3200 / 3800 mm Cutting lengths: 2500 / 3500 / 4100 mm

# **Z SERIES**DIFFERENT EXECUTIONS



#### MANUAL (M)

Manual height and tilt adjustment of the saw blade with analogue read-out of inclination of the saw blade.



#### **ELECTRIC (EL)**

Electrical height and angle adjustment of the saw blade.

Here pictured with the optional digital read-out of height and inclination of the saw blade.



#### 1 AXIS CONTROL (X1)

Overhanging control panel with:

- 7" state of the art touch screen for numerical control of position of the parallel fence and read-out of height and inclination of the saw blade.
- Push buttons for:
  - Start/stop of the saw blade and scoring blade
  - Height and inclination of the saw blade
  - Emergency stop
- Clipboard for instructions



#### 3 AXIS CONTROL (X3)

Overhanging control panel with 7" state of the art touch screen controlling the position of the parallel fence as well as the height and angle adjustment of the saw blade.

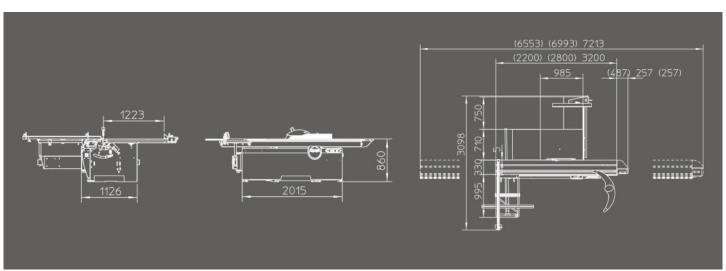
- Push buttons for:
  - Start/stop of the saw blade and scoring blade
  - Emergency stop
- Clipboard for instructions

# **Z**300



<b>Z</b> 300	<b>Technical</b>	Data
Waigh	·	

2300 lechnical Data	
Weight	780 kg - 980 kg
Voltage	400 V 3 phase / 230 V 3 phase
Motor power (3 phase)	4,4 kW / 6,6 hp (S6), option 7 kW / 9,5 hp (S6)
Saw	
Saw blade rotation speed	4000 RPM (option 3000 / 4000 / 5000 RPM)
Diameter saw blade and bore	315 mm
Sawblade tilting	90° - 45°
Cutting depth at 90° / 45°	82,5 mm / 60 mm
Cutting width parallel fence version Z300 M, Z300 EL	1250 mm (option 700 / 1000 / 1350 mm)
Cutting width parallel fence version Z300 X1, Z300 X3	1250 / 1500 mm
Cutting length	3500 mm (option 2500 mm / 3100 / 4100 mm)
Dimensions cast iron table	985 mm x 710 mm
Dimensions sliding table	355 mm x 3200 mm (option 2200 / 2800 mm)
Dimensions cross-cut table	1000 mm x 550 mm
Length of swiveling cross-cut fence	1565 mm + telescopic extension to 2550 mm
Scoring unit	
Diameter scoring blade and bore	120 mm, 20 mm
Cutting depth with 120 mm diameter blade	3,5 mm
Scoring blade rotation speed	8200 RPM
Scoring saw motor power	0,75 kW / 1hp (S6)

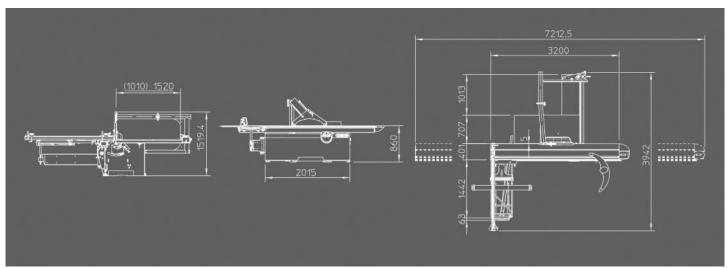


## **Z**400

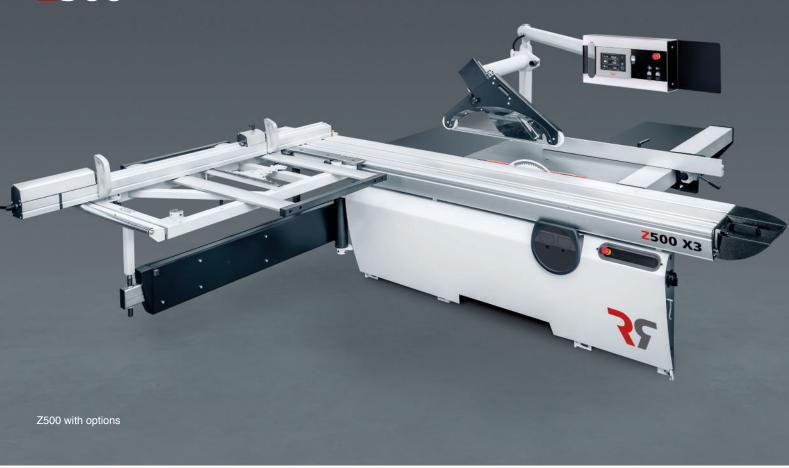


<b>Z</b> 400	Technical	Data
Weight		

<b>4</b> 400 lechnical Data	
Weight	850 kg (Z400 - 3200) - 1080 kg (Z400 X3 - 3800)
Voltage	400 V 3 phase (option 230 V 3 phase)
Motor power (3 phase)	7 kW /9,5 hp (S6), option 9,2 kW / 14 hp (S6)
Saw	
Saw blade rotation speed	3000 / 4000 / 5000 RPM
Diameter saw blade and bore	300 - 400 mm, 30 mm
Sawblade tilting	90° - 45°
Cutting depth at 90° / 45°	125 mm / 90 mm
Cutting width parallel fence, version Z400 M, Z400 EL	1350 mm (option 1000 / 1525 mm)
Cutting width parallel fence, version Z400 X1, Z400 X3	
Cutting length	3500 mm (option 2500 mm / 4100 mm)
Dimensions cast iron table	985 mm x 710 mm
Dimensions sliding table	3200 (option 2200 mm / 3800) mm x 420 mm
Dimensions cross-cut table	1420 mm x 650 mm
Length of swiveling cross-cut fence	2295 mm (telescopic 3000 mm)
Scoring unit	
Diameter scoring blade and bore	120 mm, 20 mm
Cutting depth with 120 mm diameter blade	3,5 mm
Scoring blade rotation speed	8200 RPM
Scoring saw motor power	1,3 kW / 2 hp (S6)

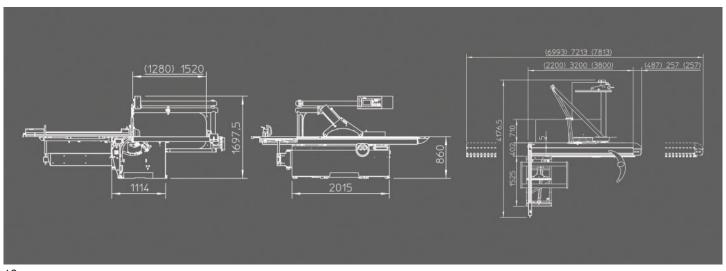


# **Z**500



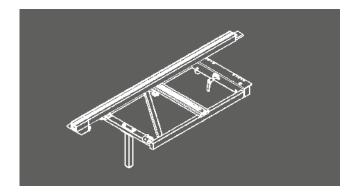
<b>Z</b> 500	Tec	hnic	al	Data
--------------	-----	------	----	------

Weight	890 kg (Z500 - 3200) - 1080 kg (Z500 X3 - 3800)	
Voltage	400 V 3 phase (option 230 V 3 phase)	
Motor power (3 phase)	7 kW / 9,5 hp (S6), option 9,2 kW / 14 hp (S6)	
Saw		
Saw blade rotation speed	3000 / 4000 / 5000 RPM	
Diameter saw blade and bore	300 - 500 mm, 30 mm	
Sawblade tilting	90° - 45°	
Cutting depth at 90° / 45°	175 mm / 120 mm	
Cutting width parallel fence, version Z500 M, Z500 EL	1350 mm (option 1000 / 1525 mm)	
Cutting width parallel fence, version Z500 X1, Z500 X3		
Cutting length	3500 mm (option 2500 mm / 4100 mm)	
Dimensions cast iron table	985 mm x 710 mm	
Dimensions sliding table	3200 mm (option 2200 mm / 3800 mm) x 420 mm	
Dimensions cross-cut table	1505 mm x 760 mm	
Length of swiveling cross-cut fence	2295 mm (telescopic 3355 mm)	
Scoring unit		
Diameter scoring blade and bore	120 mm, 20 mm	
Cutting depth with 120 mm diameter blade	3,5 mm	
Scoring blade rotation speed	8200 RPM	
Scoring saw motor power	1,3 kW / 2 hp (S6)	



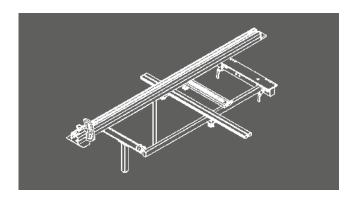
### **Z** SERIES

ROBLAND offers you the choice of different **outrigger tables** on the Z series.



#### **Z**300

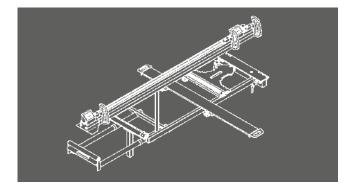
Basic outrigger table (1000 x 550 mm $^2$ ) with slanting telescopic cross-cut fence. (1565 - 2550 mm)



#### **Z**400

Large outrigger table (1420 x 650 mm²) with slanting telescopic cross-cut fence (2295 - 3000 mm).

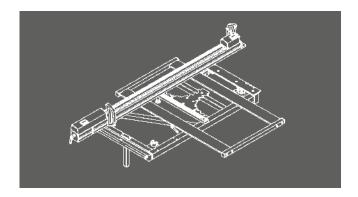
Also available as an option on Z300.



#### **Z**400 COMF

Large outrigger table with extension and slanting telescopic cross-cut fence (2295 - 3000 mm). The index system with length correction facilitates accurate sawing of angles and mitre cuts.

Available as an option on Z300 & Z400.



#### **Z**500

Luxury outrigger table (1505 x 760 mm²) with extensions in length and width and slanting telescopic cross-cut fence (2295 - 3355 mm). The index system with length correction facilitates accurate sawing of angles and mitre cuts.

Also available as an option on Z400.

### **OPTIONS**



### DIGITAL READ-OUT (Z300)

Digtal read-out on parallel fence with micro adjustment. This increases the ease of use and accuracy.



#### **DIGITAL READ-OUT (Z400 / Z500)**

Digtal read-out on parallel fence with micro adjustment. This increases the ease of use and accuracy.

This digital read-out is also available on the Z300 when it is equipped with the optional Z400 parallel fence.



#### DIGITAL READ-OUTS (Z300 / Z400)

The Double Digital Flippers (DDF) system allows for a digital read-out of the position along the full length of the first part of the outrigger fence. It increases both ease of use and accuracy. The right flipper is used for measurements close to the sawblade while the left flipper allows to measure larger panels.

This digital read-out is also available on the Z300 when it is equipped with the optional Z400 parallel fence. On the Z400 it is possible to have a second digital read-out on the telescopic part.



#### **DIGITAL READ-OUTS (Z500)**

Digital read-out on flippers. Increases ease of use and accuracy. Through its large size it allows for continuity from base profile to extension. The telescopic part of the profile also has a digital read-out.



#### **REMOTE START-STOP FUNCTION**

Additional start-stop buttons for saw and scoring integrated in the sliding table for increased ease of use and safety.



#### **GROOVE CUTTER**

On the Z400 and Z500 a preparation for groove cutter is optionally available.

Ability to cut a groove of max. 16 mm wide.















#### **MITRE FENCE**

Mitre fence with wood clamp.

Double sided mitre fence.

#### **ADJUSTABLE SCORING BLADE**

"LEADER" scoring blade with adjustable width to match the main saw.

#### **SUPPORT TABLES**

Extra support table

Can be positioned anywhere along the aluminium profile of the sliding table. Together with the outrigger table it offers a better support for large panels.

Extra support table with rip fence on ruler for long narrow strips.

Can be positioned anywhere along the aluminium profile of the sliding table. Together with the outrigger table it offers a better support for large panels.

### DUST EXTRACTION TUBE AND OVERHANING SAW GUARD ON Z300 M & Z300 EL

An overhanging dust extraction tube can be mounted on the sawblade protection. It offers a standard dust extraction outlet of 100 mm.

For optimal safety and dust extraction, the overhanging saw guard mechanically adjusts to the height of the workpiece. The arm is easy to turn away.

# PANEL SAWS OVERVIEW

	NXZ	E300	E2500	Z300M	Z300EL	Z300X1
Machine basics						
Manual	Χ	Χ	Χ	Χ	-	-
Electrical height and tilt	-	-	-	-	Χ	Χ
1 Axis controll (parallel fence)	-	_	-	-	-	Χ
3 Axis controll (parallel fence + height + tilt)	-	-	-	-	-	-
Motor powers (S6)						
single phase 2 kW	0	0	-	-	-	-
single phase 3 kW	-	-	0	0	-	-
3,7 KW - 3 * 380 V	S	S	-	-	-	-
3,7 KW - 3 * 220 V	0	0	-	-	-	-
4,4 KW - 3 * 380 V	-	-	<u>S</u>	<u>S</u>	<u>S</u>	S
4,4 KW - 3 * 220 V	-	-	0	0	0	0
7 KW - 3 * 380 V	-	-	-	0	0	0
7 KW - 3 * 220 V	-	-	-	0	0	0
9,2 KW - 3 * 380 V	-	-	-	-	-	-
9,2KW - 3 * 220 V	-	-	-	-	-	-
Once a superior service of the servi						
Saw aggregate max. diameter						
250 mm	0	-	-	-	-	-
300 mm	-	S	S	-	-	-
315 mm	S	-	-	S	S	-
400 mm	-	-	-	-	-	-
500 mm	-	-	-	-	-	-
Cooring unit	0	S	S	S	S	S
Scoring unit	0	<u> </u>			<u> </u>	<u> </u>
Speeds on saw						
4000 RPM	_	_	-	S	S	S
4500 RPM	S	S	S	-	-	-
3000 / 4000 / 5000 RPM	-	-	-	0	0	0
20007 10007 2000 TH W						
Cutting length						
1600 mm	S	-	-	-	-	-
1700 mm	-	S	-	-	-	-
2000 mm	0	-	-	-	-	-
2500 mm	0	-	S	0	0	0
2800 mm	-	-	0	-	-	-
3100 mm	-	-	0	0	0	0
3500 mm	-	-	-	S	S	S
4100 mm	-	-	-	0	0	0
Cutting width parallel fence						
700 mm	-	-	-	0	0	0
900 mm	S	-	-	-	-	-
<u>1000 mm</u>	-	-	-	0	0	-
1250 mm	0	S	S	S	S	S
1350 mm	-	-	-	0	0	0
1500 mm	-	-	-	-	-	-
Digital readout						
Outrigger table	-	-	0	0	0	0
Parallel fence	-	-	0	0	0	S
Overhead saw guard	-	0	0	0	0	S
Remote control in sliding table	-	-	-	0	0	0
00						

Z300X3	Z400M	Z400EL	Z400X1	Z400X3	Z500M	Z500EL	Z500X1	Z500X3
-	X	X	X	-	X	X	- V	-
-	-		X	-	-	-	X	-
X				X	<u> </u>		-	X
^				^				
-	_							
-	0	-	-	_	-	-	_	-
_	-	-	-	_	-	_	_	-
-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-	-
0	S	S	S	S	S	S	S	S
0	0	0	0	0	0	0	0	0
-	0	0	0	0	0	0	0	0
-	0	0	0	0	0	0	0	0
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	S	S	S	S	<u>-</u>	-	_	-
-	-	-	-	-	S	S	S	S
S	S	S	S	S	S	S	S	S
S	-	-	-	-	-	-	-	-
0	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
0	3	3	<u> </u>	3	<u> </u>	<u> </u>	3	<u> </u>
_	-	-	-	_	-	-	-	-
_	_	-	-	-	_	-	_	-
_	_	-	-	_	_	_	_	
0	0	0	0	0	0	0	0	0
-	-	-	-	-	-	-	-	-
0	_	-	-	-	-	-	_	-
S	S	S	S	S	S	S	S	S
0	0	0	0	0	0	0	0	0
	<del>-</del>							
0	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	0	0	-	-	0	0	-	-
S	-	-	S	S	-	-	S	S
0	S	S	-	-	S	S	-	-
-	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
S	0	0	S	S	0	0	S	S
S	SCE	SCE	S	S	SCE	SCE	S	S
0	0	0	0	0	0	0	0	0

#### **PANEL SAWS**













**PLANER - THICKNESSERS** 







**PLANERS** 







**THICKNESSERS** 







#### **SPINDLE - MOULDERS**







TABLE SAW



















**EDGEBANDERS** 









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



Follow us on Facebook www.facebook.com/Roblandmachines



Follow us on Instagram www.instagram.com/robland\_nv



Follow us on YouTube www.youtube.com/robland