

PS RANGE

Brushing Machines

from PolishStyl

www.polishstyl.com.pl

Are you looking for a universal machine for sanding and structuring processes of solid wood and wooden-based materials?

We have an ideal solution for you.

It's PS range brushing machines which distinguishes stability and the highest quality of work.



Basic & Luxury

The PS brushing series is offered in two versions.
Basic and *Luxury*.



The *Luxury* version has a digital control panel and a speed adjustment as standard. The digital control panel allows precise control of the height and rotation of the spindles and the speed of the conveyor belt. Both heads are working in both directions (clockwise & anti-clockwise).



Basic and *Luxury* versions have a very solid frame structure that prevents any vibrations during sanding/structuring processes, which allows you to achieve extremely precise work results.



Two working widths

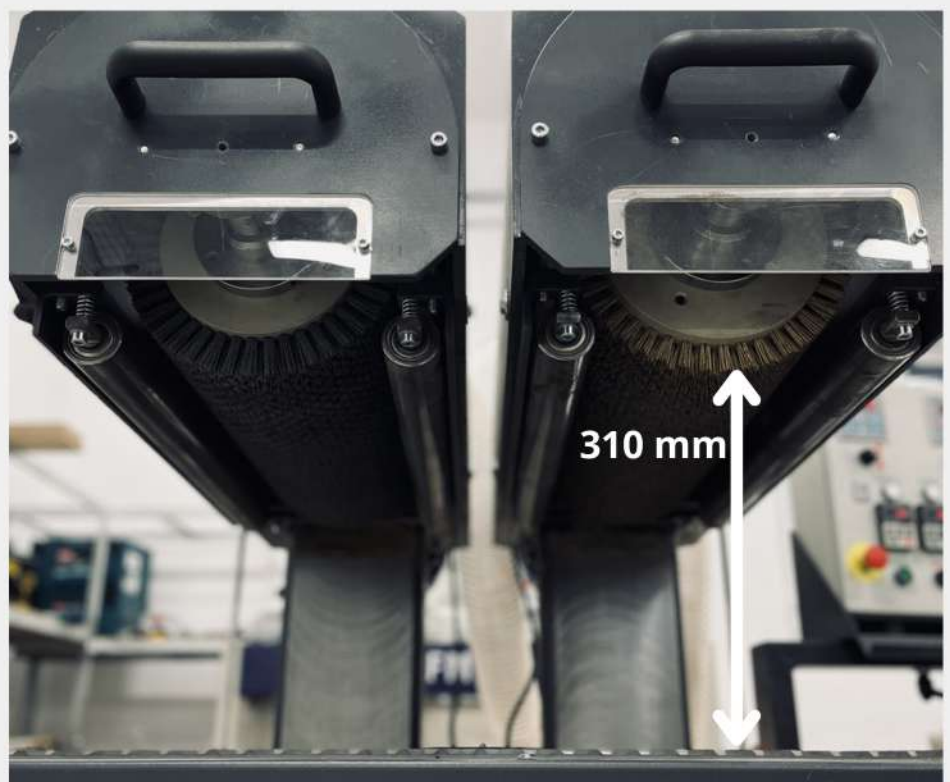
PS are available in **two working widths** of the conveyor belt: **400** and **600 mm**. However, the width of the processed workpieces can be extended.

Due to the open construction of the machine you can process elements to a maximum width of **800 mm** (in the case of PS-400 brushing machine) and **1,200 mm** (in the case of PS-600 brushing machine) in just two passes from each side.

2 vertical rollers keep the work-pieces in place and gives the opportunity to brush/structure the elements with height **up to 310 mm**.

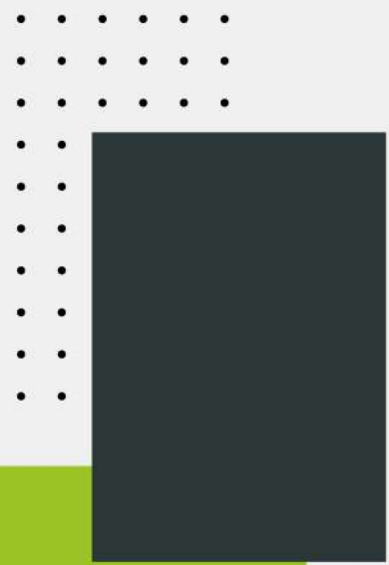


Conveyor belt width



Maximum material height

PS-600



A wide range of brushes and heads

*All PS series machines have 2 heads that can be used for both structuring and sanding processes.
How is this possible?*

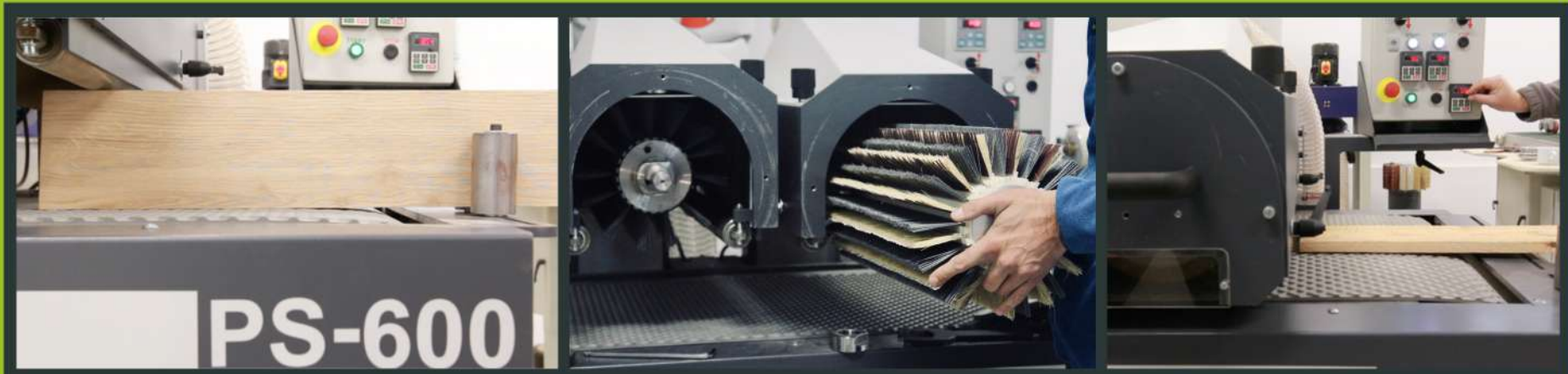
Each head can be equipped with brushes for sanding (with replaceable abrasive brushes) or structuring heads (steel and tynex). We select the technology depending on the type of process and the work effect the customer wants to achieve.

As a producer of structuring heads and abrasive brushes, we offer the widest range of tools and professional advice.



Machine equipped with replaceable abrasive brushes.

Machine equipped with structuring brushes.



PS-600

TWO-SPINDLE BRUSHING MACHINE PS-400BASIC/600BASIC



TWO-SPINDLE BRUSHING MACHINE PS-400LUXURY/600LUXURY



TECHNICAL PARAMETERS

	400mm	600mm		400mm	600mm
Conveyor belt width:	400mm	600mm	Conveyor belt width:	400mm	600mm
Conveyor belt speed:	2-12 m/min.	2-12 m/min.	Conveyor belt speed:	2-12 m/min.	2-12 m/min.
Spindle diameter:	40 mm	40 mm	Spindle diameter:	40 mm	40 mm
Spindle shaft length:	400mm	600mm	Spindle shaft length:	400mm	600mm
Maximum brush diameter:	2 x Ø 250 mm	2 x Ø 250 mm	Maximum brush diameter:	2 x Ø 250 mm	2 x Ø 250 mm
Spindle speed as standard:	950 RPM	950 RPM	Spindle speed rotation:	50 RPM - 1500 RPM	50 RPM - 1500 RPM
Power of main engines as standard:	2x4 kW/ Optional 2x5,5kW	Optional 2x5,5kW	Power of main engines as standard:	2x4 kW/ Optional 2x5,5kW	Optional 2x5,5kW
Conveyor belt motor power:	0,55 kW	0,75 kW	Conveyor belt motor power:	0,55 kW	0,75 kW
Dust Extraction nozzle diameter:	2 x Ø 120 mm	2 x Ø 120 mm	Dust Extraction nozzle diameter:	2 x Ø 120 mm	2 x Ø 120 mm
Maximum material height:	310 mm	310 mm	Maximum material height:	310 mm	310 mm
Maximum material width:	400 mm (800 mm)	600 mm (1200 mm)	Maximum material width:	400 mm (800 mm)	600 mm (1200 mm)
Machine dimensions:	1400x1600 mm	1500x1600 mm	Machine dimensions:	1400x1600 mm	1500x1600 mm
Machine weight:	1 150 kg	1 250 kg	Machine weight:	1 150 kg	1 250 kg



If you want to see how the PS series brushing machines work, visit the PolishStyl showroom!

Experienced technicians are waiting here to help carpenters, furniture manufacturers and anyone interested in sanding wood, metal and composites in selecting appropriate technologies and solutions.

Tests can be performed on your own material or we can offer our samples.

Just call us and we will arrange the rest!

COME AND TEST WITH US!



Wood surface structuring is a very fashionable trend in furniture, flooring production and even finishing house facades.

PolishStyl - as one of the few producers - supplies both machines and tools for the brushing and structuring processes.



For wood structuring processes PolishStyl recommends heads with steel wire and/or tynex.

To "open" the vessels of the wood and remove the soft parts of the wood, you should use heads with steel wire. Wire metal should be made of stainless steel or brass.

In the next step, we recommend using a head with a tynex wire.

In the third step you can apply head with replaceable abrasive brushes. It guarantees final smoothing of the surface and preparation for lacquer process.



HEAD WITH STEEL WIRE



HEAD WITH TYNEX WIRE



**HEAD WITH REPLACEABLE
ABRASIVE BRUSHES**

“The PS range brushing machines are an expansion of the PolishStyl offer towards even greater comprehensiveness of the proposed solutions. Their enthusiastic reception by customers is the best proof of the uniqueness of this construction” - says Bogusław Szkutnik, CEO of PolishStyl.



ABOUT US

-  *The PolishStyl company was established in January 2008 in Poland. It is one of the most important suppliers of abrasive materials in Poland and abroad. It has gained the trust of a wide range of customers - from small and medium-sized plants to the largest factories all over the world.
PolishStyl was the first polish producer to introduce abrasive brush technology to the domestic market.*

-  *PolishStyl's advantage is its educated, experienced staff with extensive knowledge in the field of wood surface treatment, paint coatings, metals, glass, composites and other materials.*

-  *We provide all our current and future clients with professional technical advice.
We are able to produce and deliver any abrasive tool, thanks to which we are constantly acquiring new, satisfied customers.*

