

Planing and Moulding Machines LPP 300 series



Prepared for the future

With the LPP 300 the times of the push buttons are over. The planer combines state-of-the-art technology with solid mechanical engineering. In this way, you get intuitive machine operation and maximum quality in one machine and you will be optimally prepared for the future.



Ergonomic remote control for quick and automatic adjustment of selected spindles



HOMAG powerTouch – ease of use of the next generation



Workpieces from 300 mm length onwards

HIGHLIGHTS

- Flexibility thanks to variable feed and variable spindle speed
- Precision thanks to solid mechanical engineering
- Quality thanks to comprehensive equipment
- Quick set-up thanks to proLock spindle clamping system
- Intuitive thanks to powerTouch



5-7 spindles with variable feed speed.

Variable spindle speed from 2nd spindle onwards of

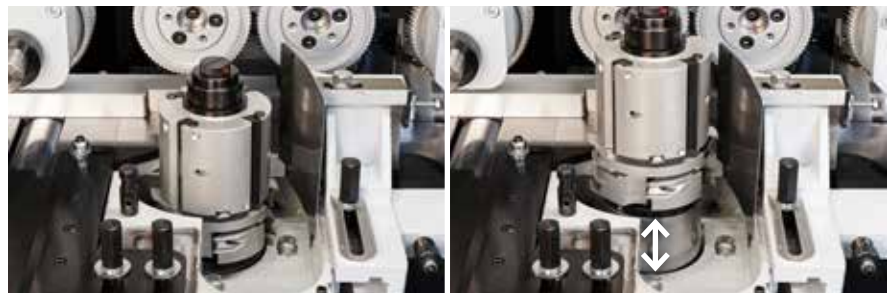
4.000-8.000 rpm

for optimal workpiece quality.

Workpieces with **300** mm length possible.



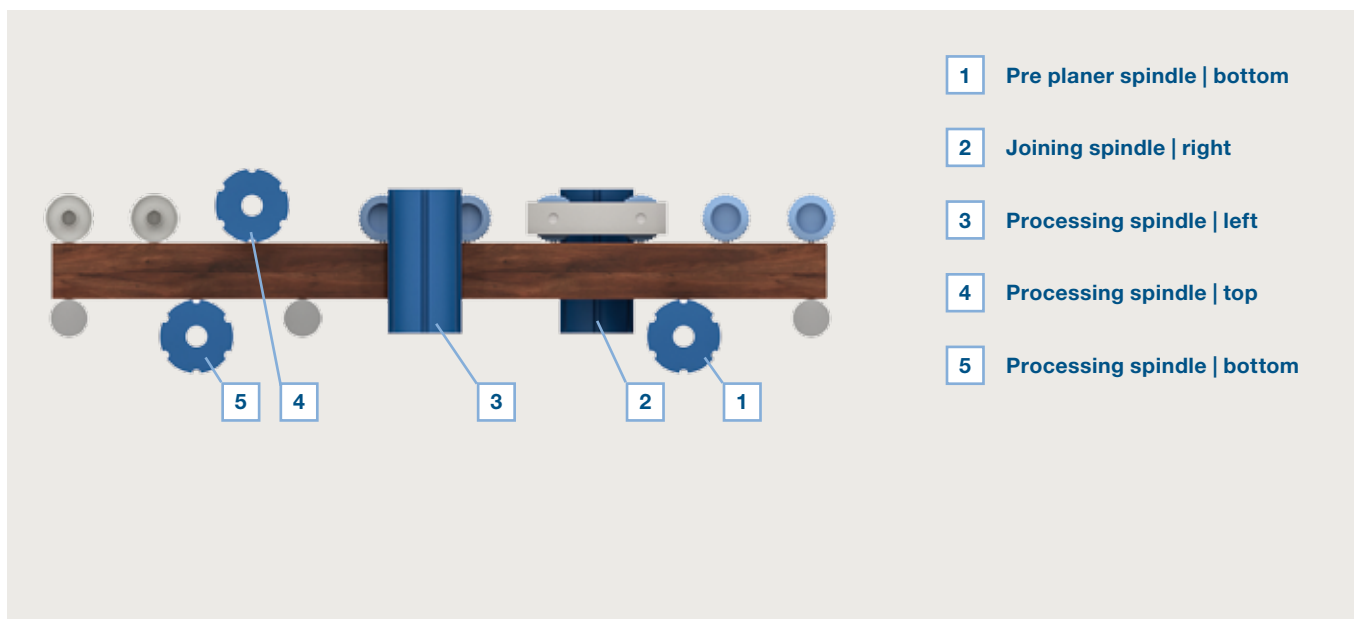
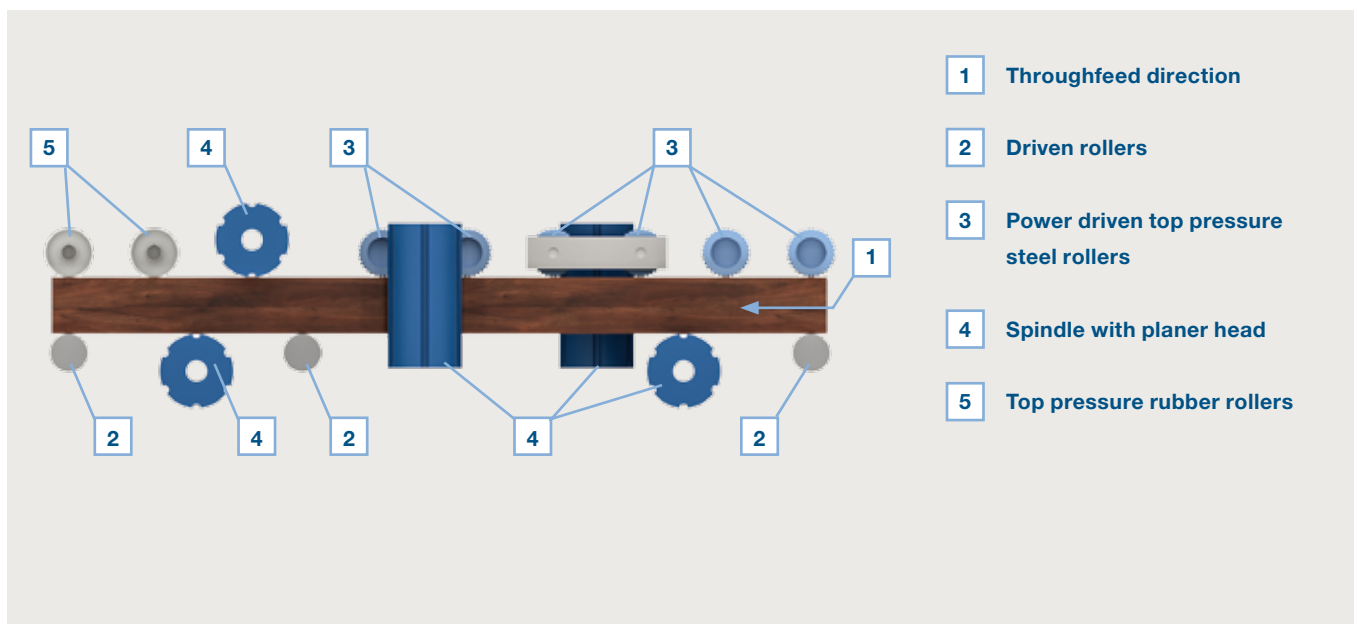
Maximum comfort through mobile control panel



Axial adjustment range up to 75 mm

From four-sided planing to complete profile processing

The workpiece is guided by linear ruler through the machine and held in place by pressure rollers. Through diverse tools, our clients have the possibility to even profile or saw the workpiece during the moulding process.



Applications

LPP 305

IDEAL FOR CARPENTRY SHOPS



LPP 306

IDEAL FOR WINDOW, DOOR AND PLINTH MANUFACTURING



LPP 307

IDEAL FOR WINDOW, DOOR AND PLINTH MANUFACTURING WITH EXTENDED PORTFOLIO



LPP 305 in detail



Quick and easy tool change with proven proLock tool clamping system



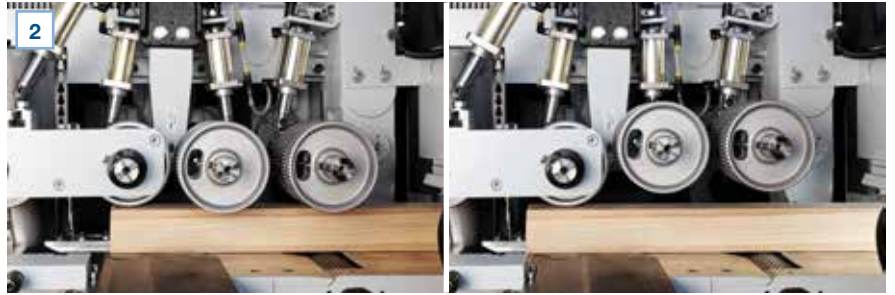
Review of radial position of tools via mechanical display



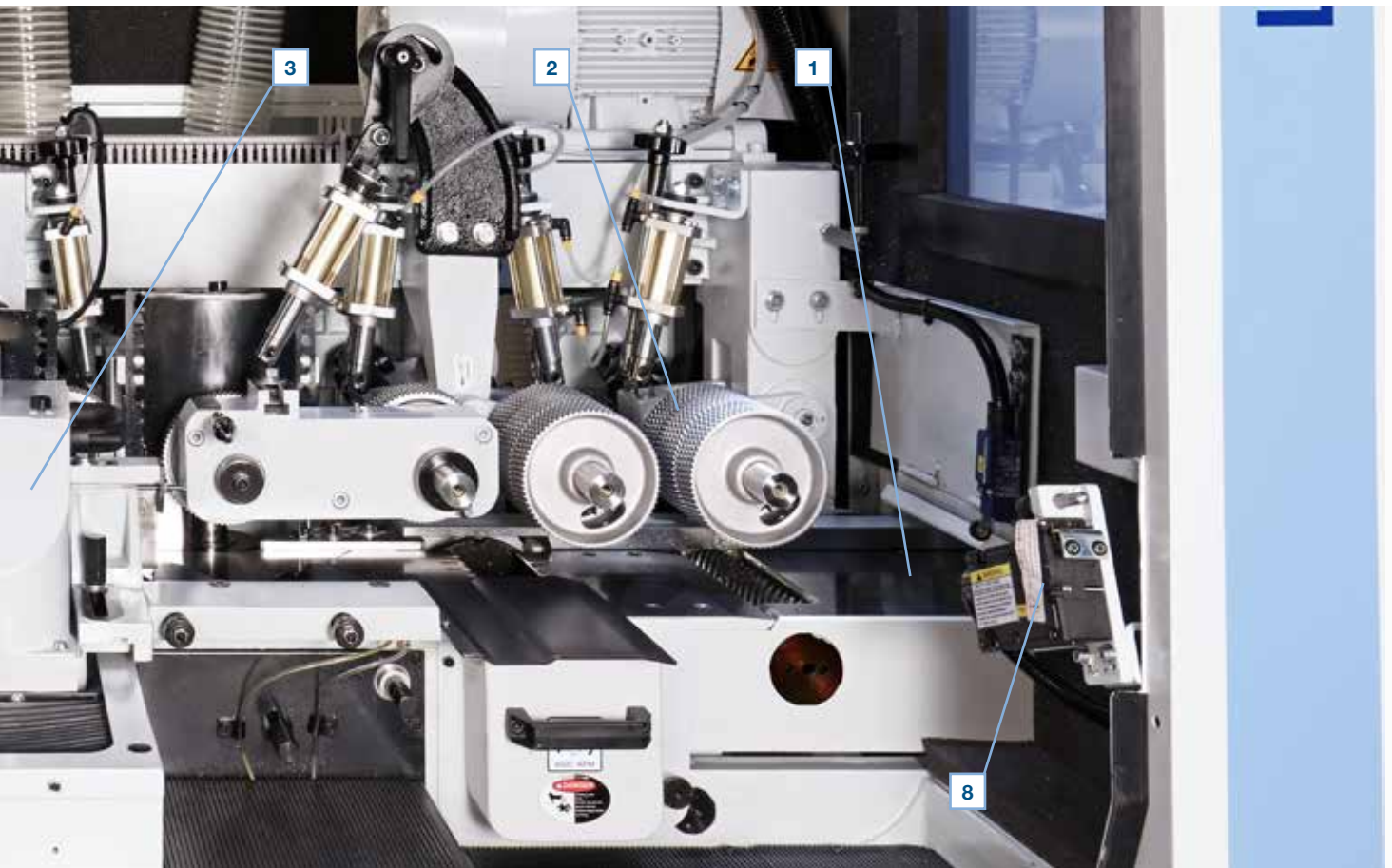
Top pressure rubber rollers for sensitive surfaces after processing (Shore hardness: 80)



1
Harden chromed feeding table for long lasting service life



2
Pneumatic adjustable top pressure rollers for optimum contact pressure for different profiles and types of wood (left activated, right deactivated pressure rollers).



6
Linear guide for precise adjustment of the top spindles for optimal work piece quality



7
Accessible central lubrication at machine front



8
Automatic door lock system during process to protect machine operator

LPP 307 in detail



Quick and easy tool change with proven proLock tool clamping system



Review of radial position of tools via electronic display including target value



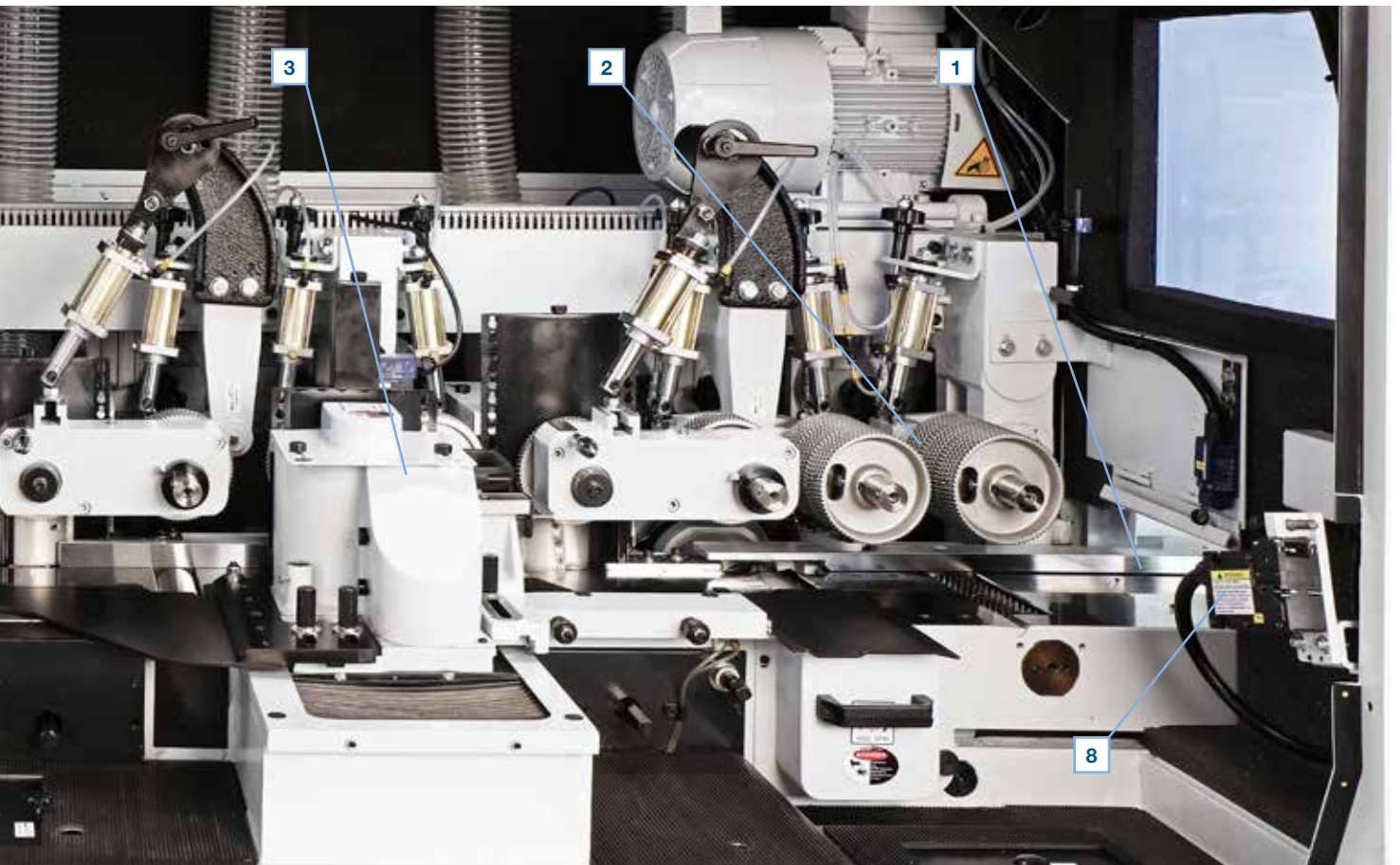
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Automatic door lock system during process to protect machine operator




1,200
service employees around the world

85.2 %
less on-site-services through successful remote diagnosis

650
processed spare parts orders / day

>150 000
machines, all electronically documented in 28 different languages – in eParts



HOMAG LifeCycleServices

The sale of our machines comes with all-in optimum service backup and individual advice. We support you with service innovations and products which are especially tailored to your requirements. With short response times and fast customer solutions we guarantee consistently high availability and economical production – over the entire life cycle of your machine.



Remote Service

- Hotline support via remote diagnosis regarding control, mechanics and process technology. Thus the on-site service can be reduced by 85.2 %!
- Mobile applications such as ServiceBoard reduce the costs through fast help in case of troubles by mobile live video diagnosis, online service message and the online spare parts shop eParts



Spare Part Service

- Identify, request and order spare parts around the clock via www.eParts.de
- Local availability of parts offered by our sales and service companies as well as sales and service partners all over the world
- Reduction of downtimes through defined spare parts and wear parts kits



Field Service

- Increased machine availability and product quality by certified service staff
- Regular checks through maintenance / inspection guarantee the highest quality of your products
- We offer you the highest availability of technicians in order to reduce downtimes in case of unpredictable troubles

TECHNICAL DATA

		LPP 305	LPP 306	LPP 307
Workpiece length min. (one and one piece)	mm		300	
Workpiece length min. (one piece)	mm		800	
Workpiece width	mm		15 – 230	
Workpiece thickness	mm		10 – 150	
Spindle speed 1. spindle	1/min		6000	
Spindle speed from 2. spindle	1/min		4000 – 8000 (var)	
Spindle diameter	mm		40	
Axial adjustment range				
horizontal spindles (5, 6, 7)	mm		40	
vertical spindles (2, 3, 4)	mm		60	
with tool diameter 130 mm	mm		75	
Feed speed	m/min		6 – 24	
Air pressure	bar		6	
Compressed air connection	inch		R 1/2	
Suction connection	mm	5x125	6x125	7x125
Suction (average)	m ³ /h	3900	4680	5460
Suction (max.)	m ³ /h	6625	7950	9275
Machine weight	kg	3800	4750	6440



Machine dimensions		LPP 305	LPP 306	LPP 307
L Length	mm	3950	4500	5385
W Width	mm	1900	1900	1900
H Height	mm	1960	1960	1960

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Choose Success!**

For the Success of Original
Technology. A campaign of
the VDMA