

Unique and high-quality machines specially designed for the production of engineered wood flooring



As machine manufacturing experts, we provide our customers with unique, dedicated machines, specially designed for engineered wood flooring manufacturing, developed through our vast experience in this branch of industry. Equipped with Deck Art machines and technology, our customers will be able to effortlessly produce flooring of exceptional quality.

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21460, Vrbaš, Blok Vasilj Koprivice 18 Telefoni: 021/ 794 220, 021/ 794 222
PIB: 111758275 Matični Broj: 65643910 Tekući Račun: 205-0000000272897-77
Web: www.deckart-parquet.com Email: office@deckart-parquet.com

Deck Art **Parquet Finishing Line**



Thanks to our unique approach and awareness, as engineered wood flooring manufacturing experts, of the everyday problems encountered by the industry, we have developed quality and unique machinery with easy and precise set up of parameters enabling you to produce final products with exceptional precision and quality.

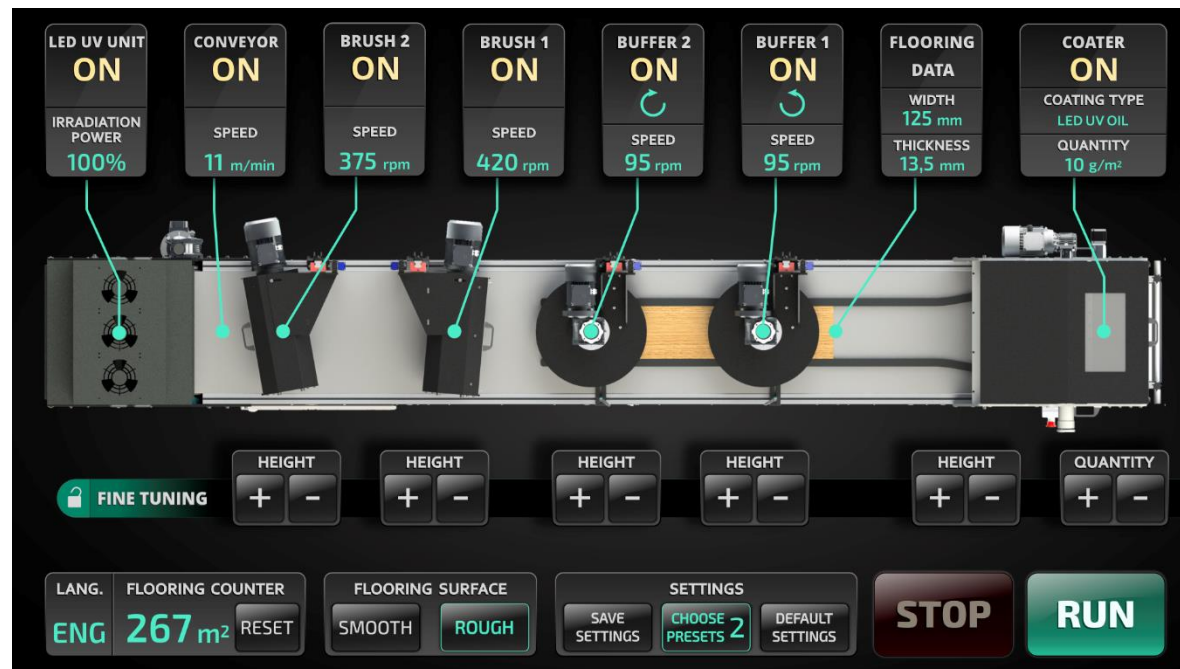
Deck Art Parquet Finishing Line is combined machinery unit for applying oils on the surface of wood flooring, double buffing, double wiping and LED UV Curing of the oiled flooring surface. Apart from the simplicity of use, machine has an extraordinary design and appearance which will further enhance everyday user experience.

Equipped with Deck Art Parquet Finishing Line you will be able to achieve up to 1000 m² (depending on flooring dimensions) completely finished, ready for packing, flooring in a single 8h working shift with two engaged workers.

Machine **special features and components**

Fully Automated Digital System of Control **via 15" Touch Screen**

Fully Automated Setup of Parameters – Type the desired parameters on the touchscreen (such as: flooring plank width and thickness; speed of feed, brushes and buffers, amount of application...) and the machine will automatically set itself up according to given parameters. After that, you can start your work immediately.

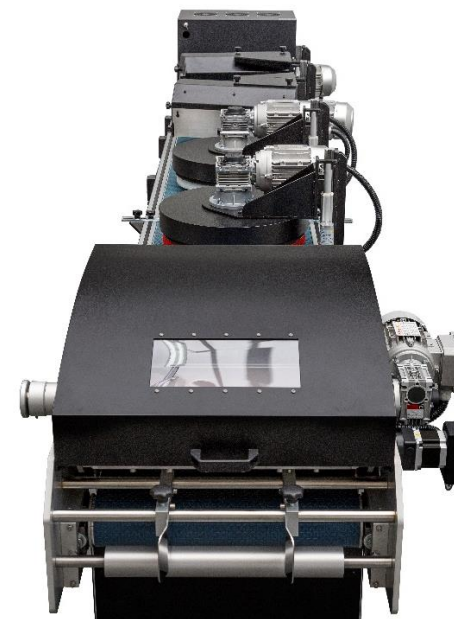
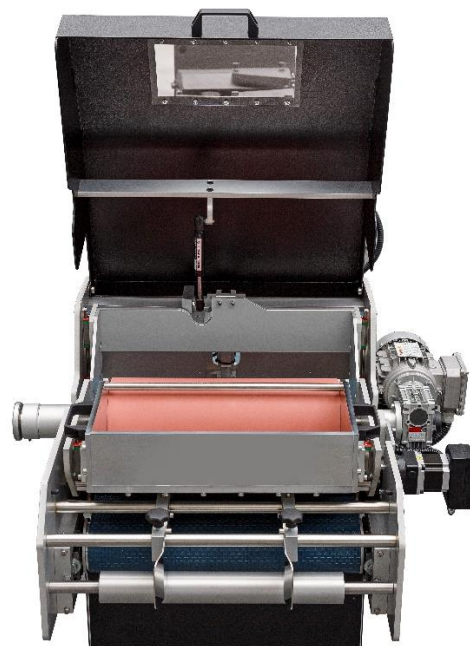


Extremely easy to use and handle!

Connect it online! – Online, remote diagnostics, work analytics and troubleshooting available.

Memory bank – Where you will be able to save and choose presets for different types of planks.

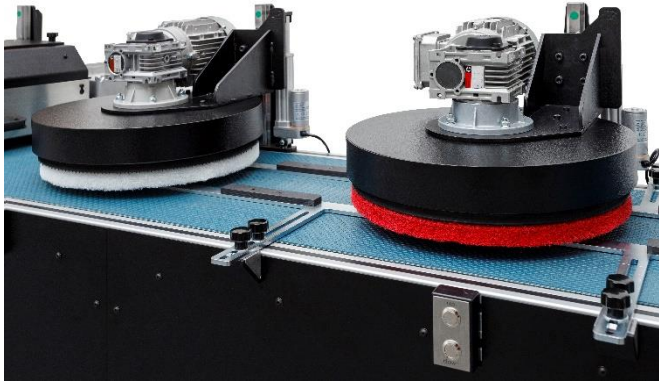
Single roller coater – Unit for precise and effortless applying of oils on to the surface of wood flooring.



Setting up the parameters in order to prepare roller coater unit for quality work has never been easier. With unique “**Deck Art Micro Control Knife to Roll Coating System**” using ultra precise, digital control, you will be able to adjust the quantity of oil that is being applied to the flooring surface with extreme precision! In this way you will ensure minimal consumption of oil and there won't be any waste of material thus ensuring saving precious time and money. No minimum quantity of oil required! You can put as little oil as required for smaller projects without any oil waste! With the full tank you will be able to use full capacity of the machine.

Double roller coater (optional) – Includes one standard roller coater and one reverse application roller coater



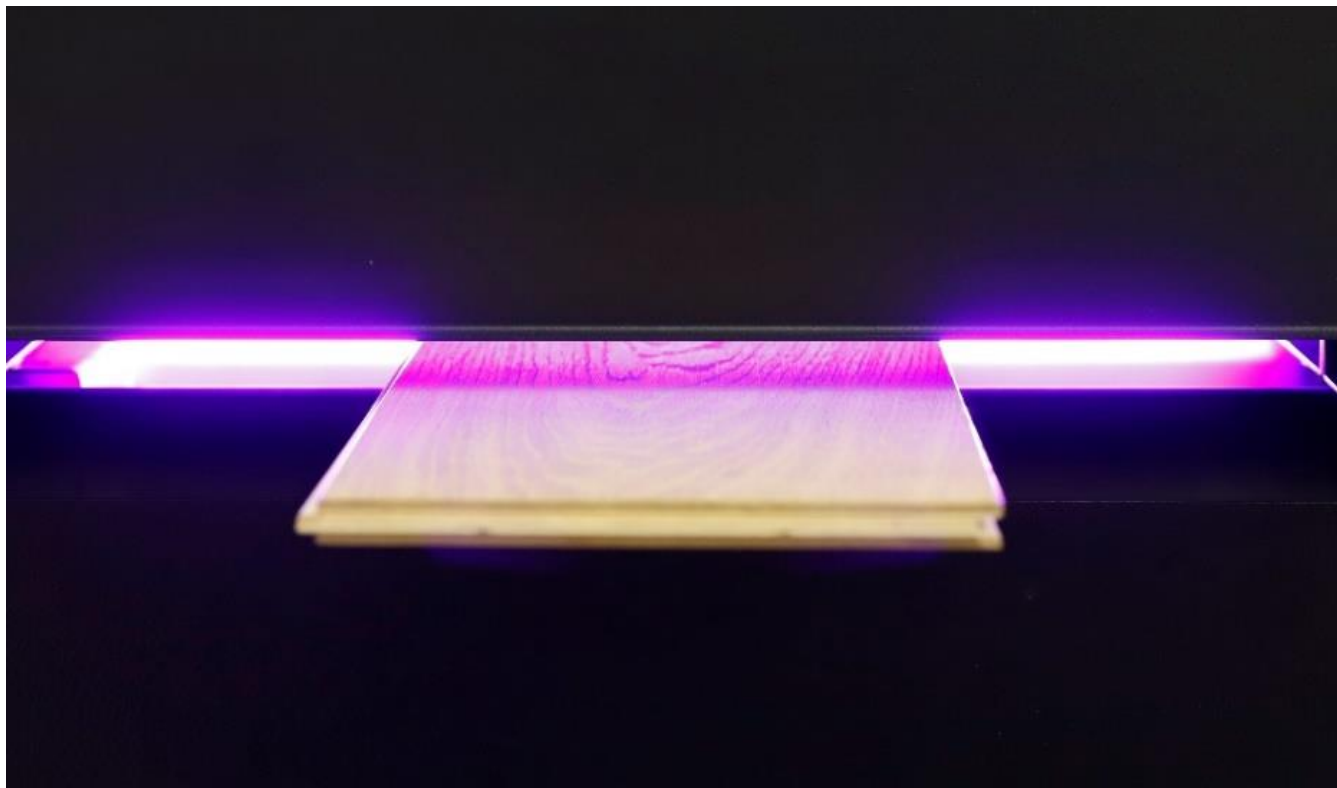


Double buffer – Unit composed of two powerful buffers for flooring polishing. Speed and direction of buffers rotation is digitally manipulated, thus ensuring quality polishing process for any given scenario. Removing and returning polishing pads is simple and effortless.

Two Self-Cleaning Wiping Brushes – Unit for wiping and dispersing oil on the flooring surface. Speed of brushes is digitally manipulated, thus ensuring quality wiping process for any given scenario. Removing and returning wiping brushes for cleaning is simple and effortless. Brushes casings are equipped with self-cleaning system containing scraper and a small tank for collecting excess oil from the brushes. With this technology, capacity for brushes wiping is exponentially improved before the need for cleaning them



LED UV Curing Unit – Unit for fast curing of the previously applied LED UV Oils on the surface of the wooden flooring



Powerful LED UV unit with large power efficient surface curing area. Easily, digital set up of parameters and control by touch screen on the central command console.

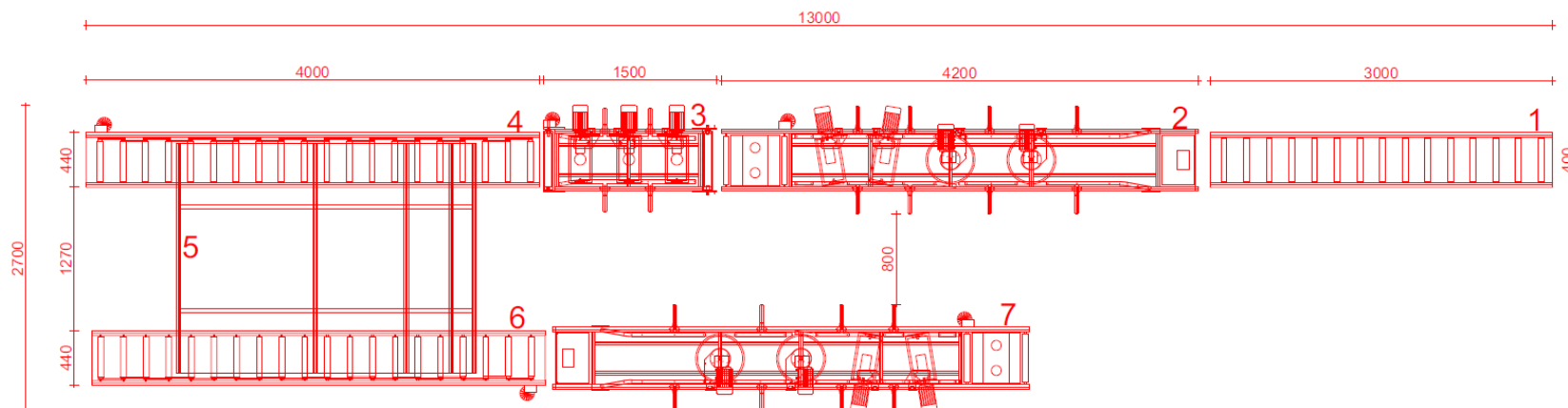
Deck Art **Parquet Finishing Line** Technical Parameters

• Valid coating width	380 mm (Wider machines available upon order)
• Working thickness	8-30 mm - Adjustable
• Feeding speed	1-15 m/min - Adjustable, digitally controlled
• No of roller coaters	1 piece (2 pcs optional)
• 1st roller coater	Equipped with rubber application roller and tank for oil
• 2nd roller coater (Optional!)	Retrograde rotation
• No of buffers	2pcs
• Buffers diameter	400mm
• No of wiping brushes	2pcs
• Wiping brushes diameter	175 mm
• Self-cleaning brushes	Yes
• Adjustable buffer height	Yes, digitally controlled
• Adjustable brushes height	Yes, digitally controlled
• Adjustable angle of brushes	Yes
• Wiping brushes speed	0-900 rpm Adjustable, digitally controlled
• LED UV Curing unit power	14 W/cm ²
• Overall power	3.96 kW
• Voltage	3x400V/50 Hz
• Dimensions	Ca 4760(l)x712(w)x1240(h) mm
• Weight	Ca 360 kg

Deck Art Parquet Finishing Line Automated Solutions

(**Note:** Following example is for informational purposes only. Every line can be tailored upon buyer's individual needs)

Example 1: Schematic diagram of automated line in "U-turn" composition for applying two layers of oil in one pass **Capacity:** up to 1500 m²/8h completely finished, ready for packing flooring



- | | |
|--|--|
| 1. Inlet conveyor with automated feeder and brushes for dust collection | 2. Deck Art Parquet Finishing Line composed of single roller coater, two buffers, two self-cleaning brushes and LED UV curing unit |
| 3. Deck Art Parquet pre-finishing unit – for fine, intermediate, sanding of first layer of coating and dust collecting | 4. Motorized roller conveyor |
| 5. U-turn 90° automated transition conveyor | 6. Motorized roller Conveyor |
| 7. Deck Art Parquet Finishing Line composed of single roller coater, two buffers, two self-cleaning brushes and LED UV curing unit | |



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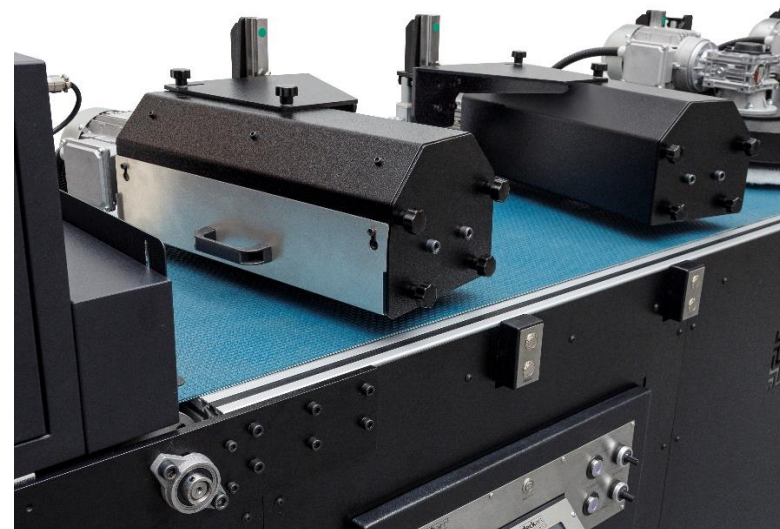
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Additional Images of Deck Art **Parquet Finishing Line**



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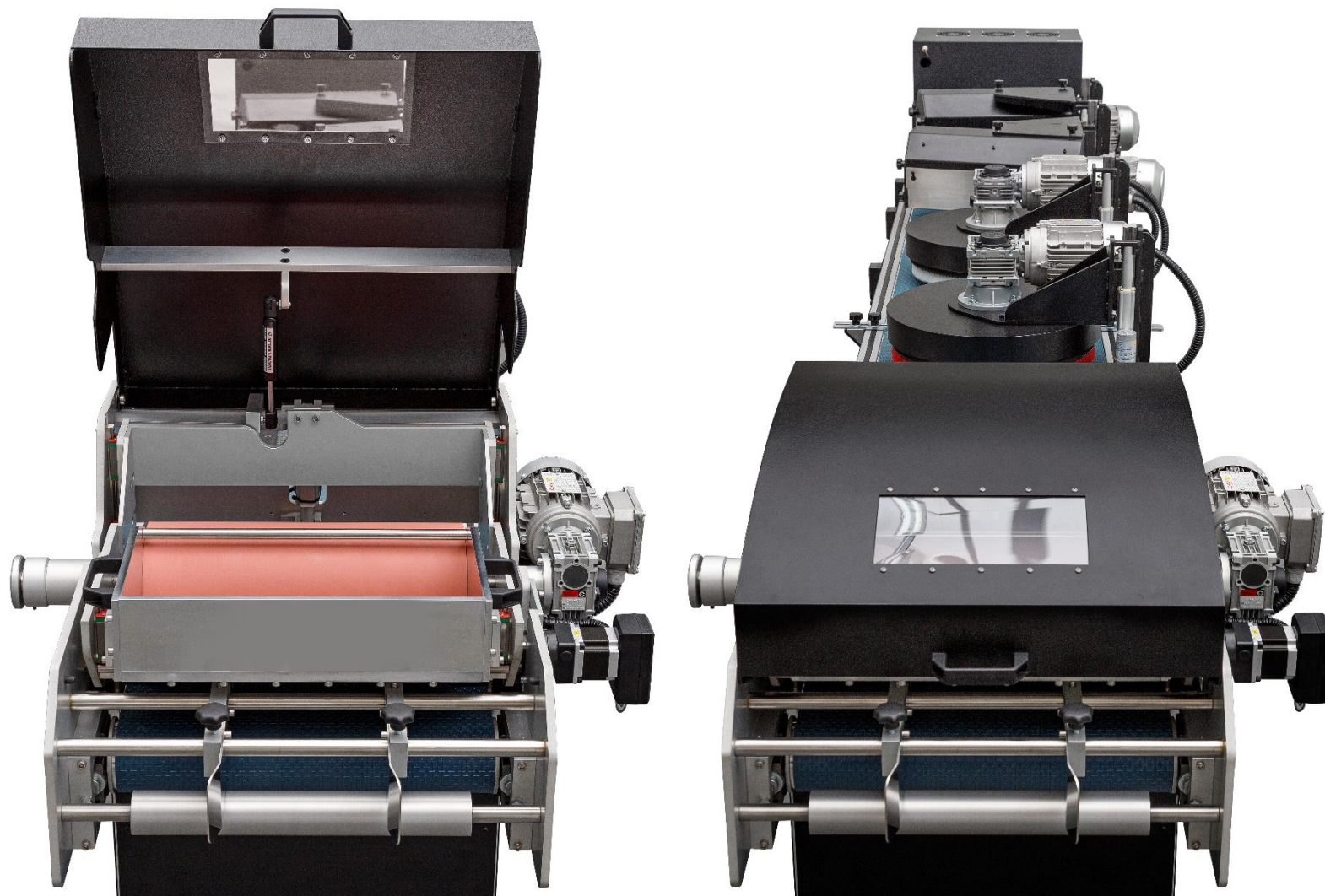
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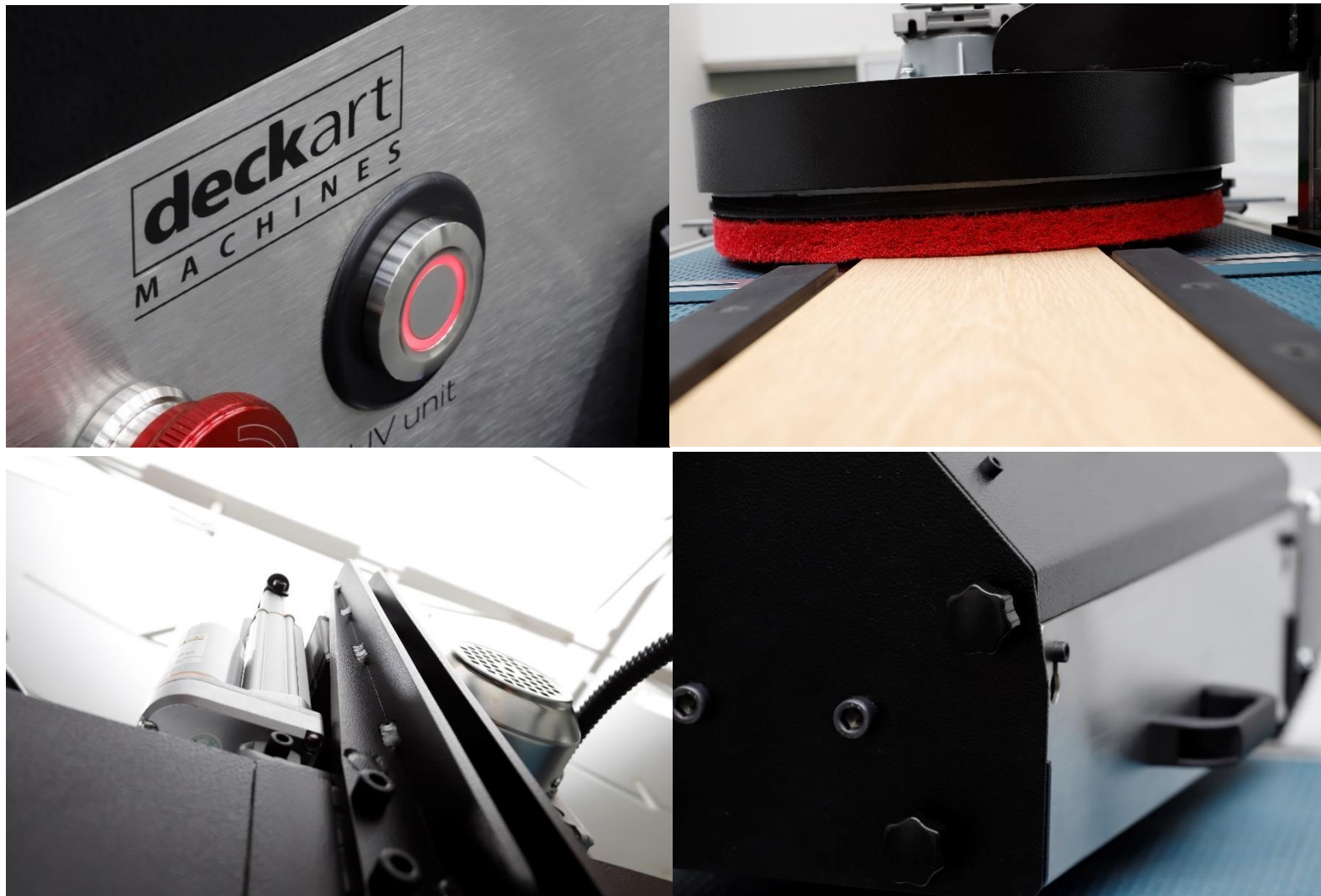
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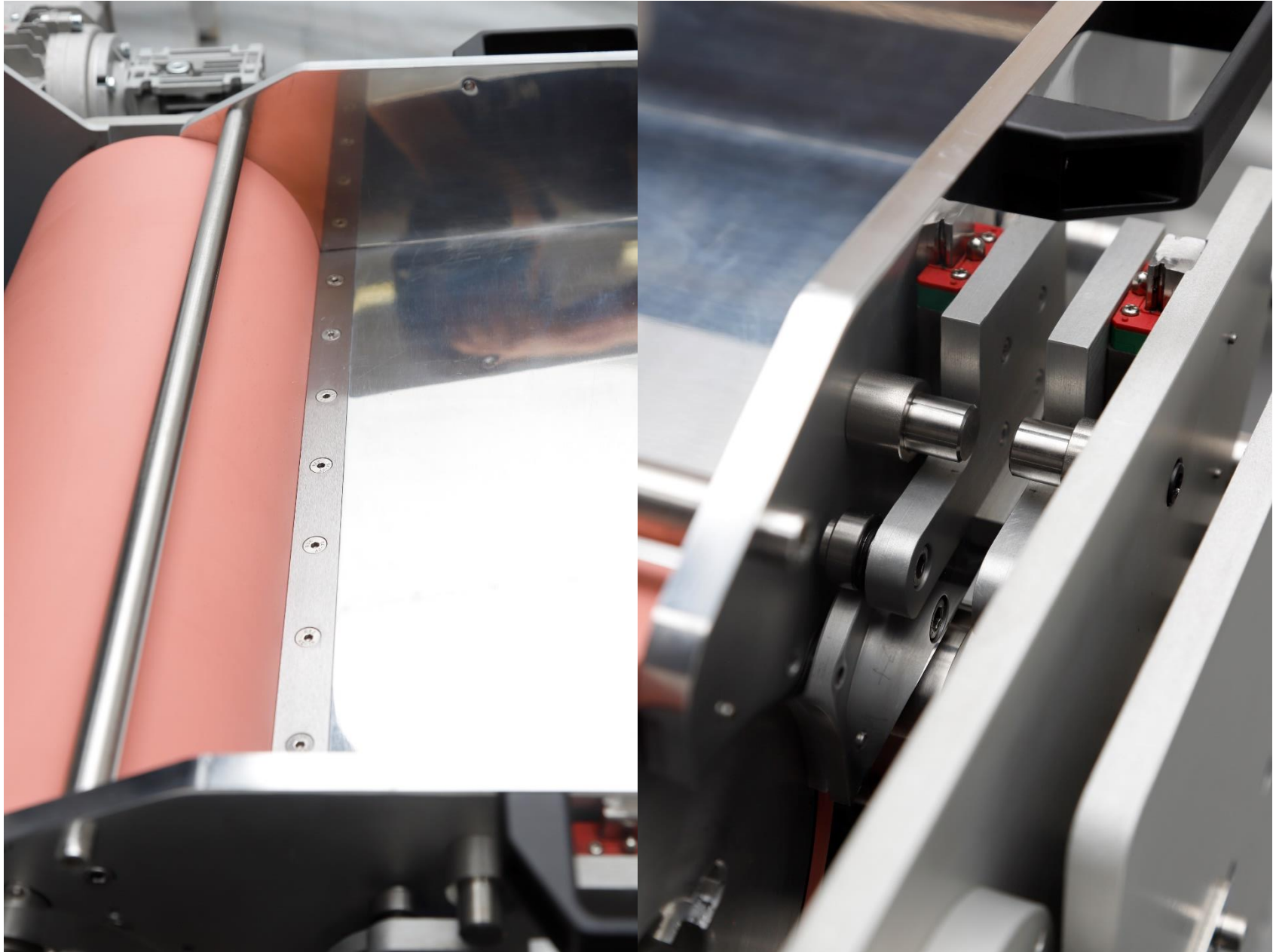
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Deck Art Parquet Finishing Line Videos



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Get in **touch** with us

Milivoja Čobanskog 202,
21460 Vrbas. Srbija.

Land line: +381 21 794220

Cell: +381 63 7241147

office@deckart-parquet.com

www.deckart-parquet.com



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