

WIDE-BELT SANDER

Buldog 9

Buldog 9 series

**Designed for the highest
production demands**

1350 / 1650

NEW!



Buldog 9 series

Power is in simple solutions

Buldog 9 is a wide-belt sander designed for highly effective sanding of massif, veneer surfaces, MDF, varnishes and base putties.

NEW! Buldog 9 1650

NEW! Buldog 9 1350



Features

- can be fitted with various aggregates
- sand up to **1650mm** wide material
- motor power up to **40 kW**
- **15"** Touchscreen B&R automation
- Glass door panels

Applications

- high performance robust machine suitable for production lines
- designed for heavy duty work

→ Introduction

Highlights

Standard and Optional equipment

Technical Specifications

Buldog 9 series

Robust construction filled with technology

1350 / 1650



Introduction

→ Highlights

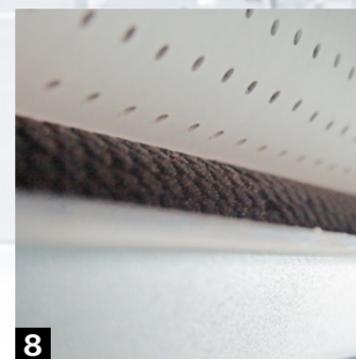
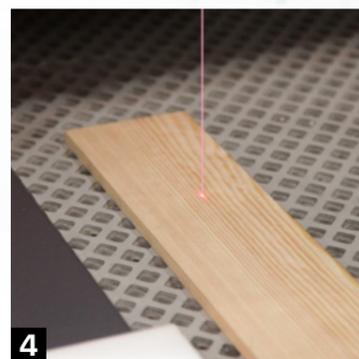
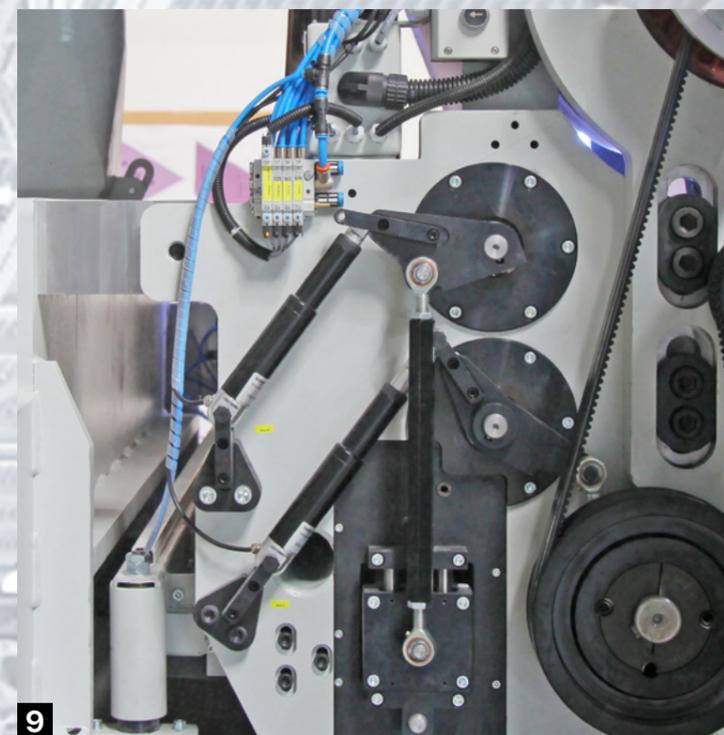
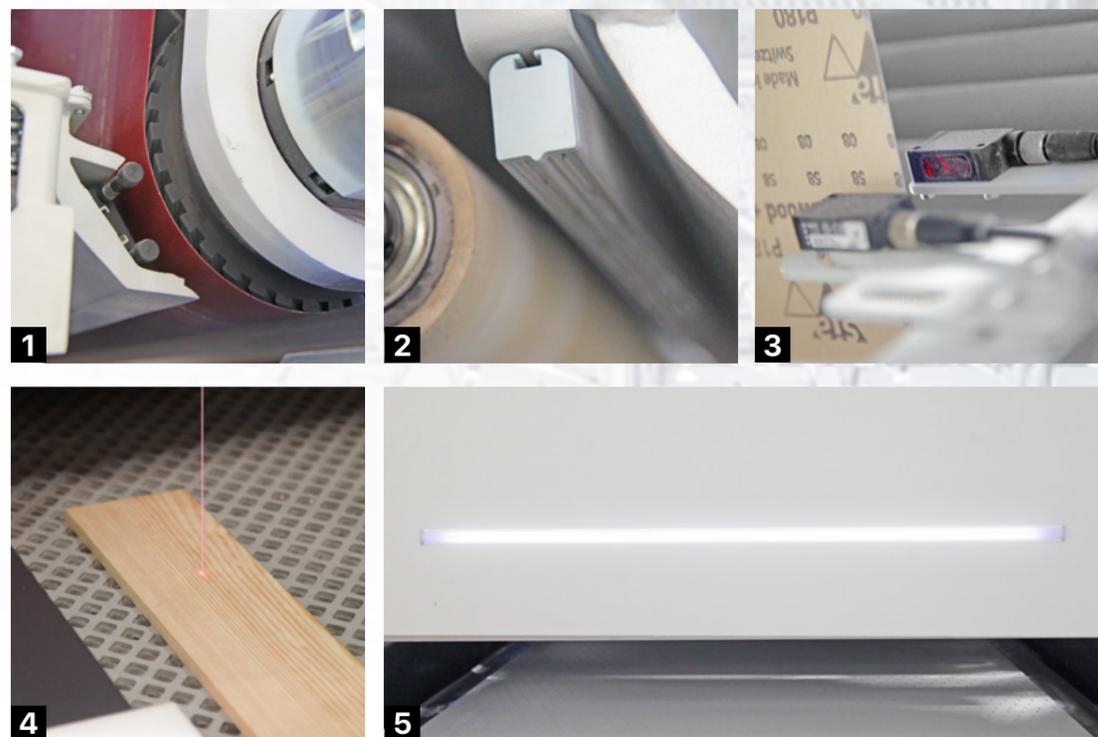
Standard and Optional equipment
Technical Specifications

- 1. CONTROL PANEL
- 2. EMERGENCY STOP
- 3. MACHINE STATUS LED
- 4. FRONT TABLE
- 5. GLASS DOOR PANEL

Buldog 9 series

Wide variety of technological solutions and options

1350 / 1650



Introduction

→ **Highlights**

Standard and Optional equipment

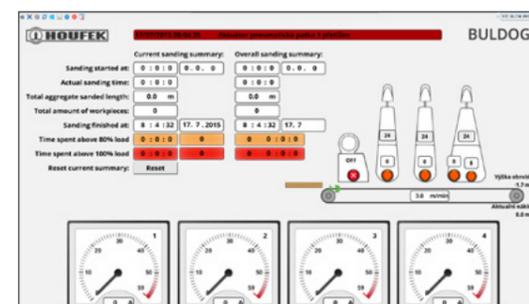
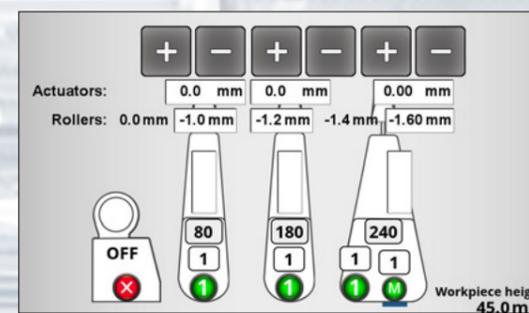
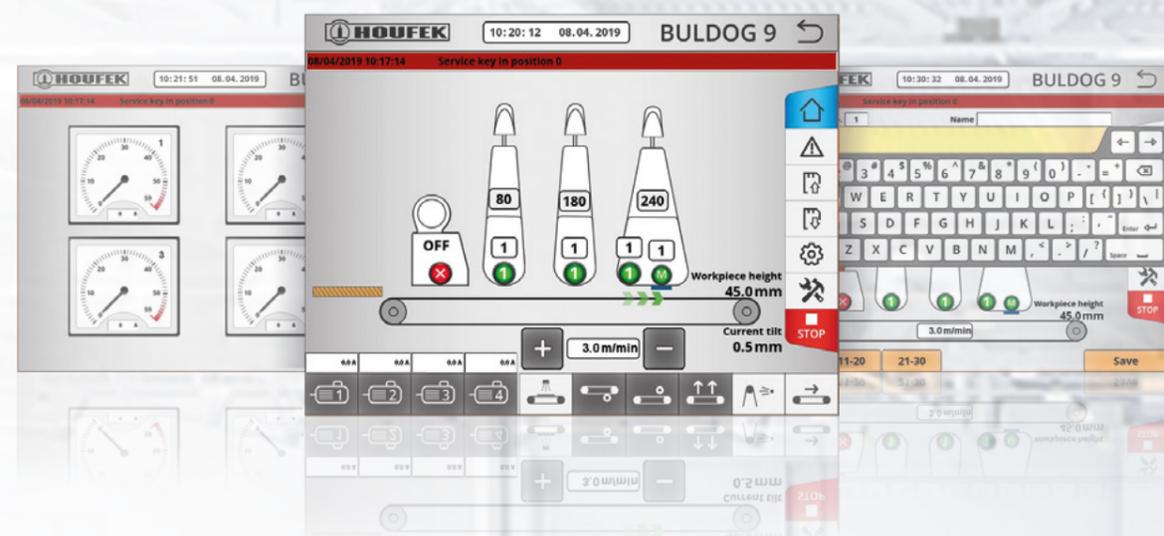
Technical Specifications

- | | | |
|--|----------------------------------|--|
| 1. RUBBERED ROLLER WITH OSCILLATED BLOW | 5. REAR MACHINE STATUS LED | 9. STROKE OF SANDING ROLLERS WITH STEPPER MOTORS |
| 2. IONIZING ROD | 6. RUBBERED PRESSURE ROLLERS | |
| 3. SANDING BELT OSCILLATION BY OPTICAL BARRIER | 7. MODULE FOR WORKPIECE CLEANING | 10. MOTORIZED HEIGHT ADJUSTMENT OF SANDING UNIT WITH ELECTRICAL METERING |
| 4. LASER WORKPIECE THICKNESS MEASURING | 8. MODULE FOR FEED BELT CLEANING | |

Buldog 9 series

All New User Interface

1350 / 1650



15" Touchscreen
B&R automation

Ethernet / Service Key

Power button
Lift lever

Emergency STOP

Power Consumption

The user interface displays the bar graphs and analog amperimeters which display the actual consumption of individual aggregates.

Roller Workposition

Machines equipped with linear actuators allow to adjust sanding roller workposition, adjust removal of each unique sanding roller.

Save/Load Programs

Save/load your current/saved machine configuration (rollers and pad position, heights, sanding papers grit, aggregates and feeding belt speed). It is possible to save/load **up to 30 programmes**.

Remote diagnostics

Remote PLC diagnostics allow to monitor whole PLC activity, do remote application updates or help with troubleshooting problems. User visualisation allow to monitor machine current setting, sanding stats and each unique sanding unit current load.

Introduction

→ Highlights

- Standard and Optional equipment
- Technical Specifications

Bulldog 9 series
**Customize
your configuration**

Bulldog 9 series offers you huge variety of optional equipment to ensure stable workflow in any situation.



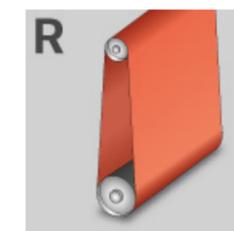
Introduction

→ **Highlights**

Standard and Optional equipment

Technical Specifications

WIDE-BELT SANDER
Buldog 9



Unit R

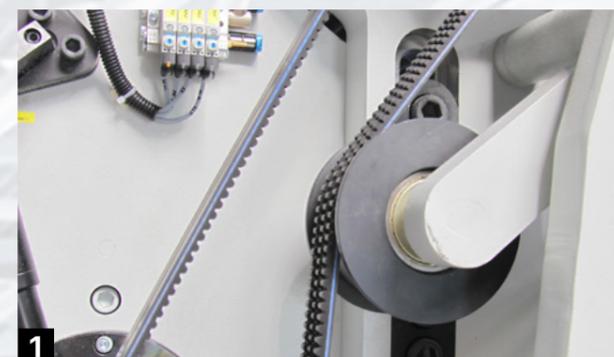
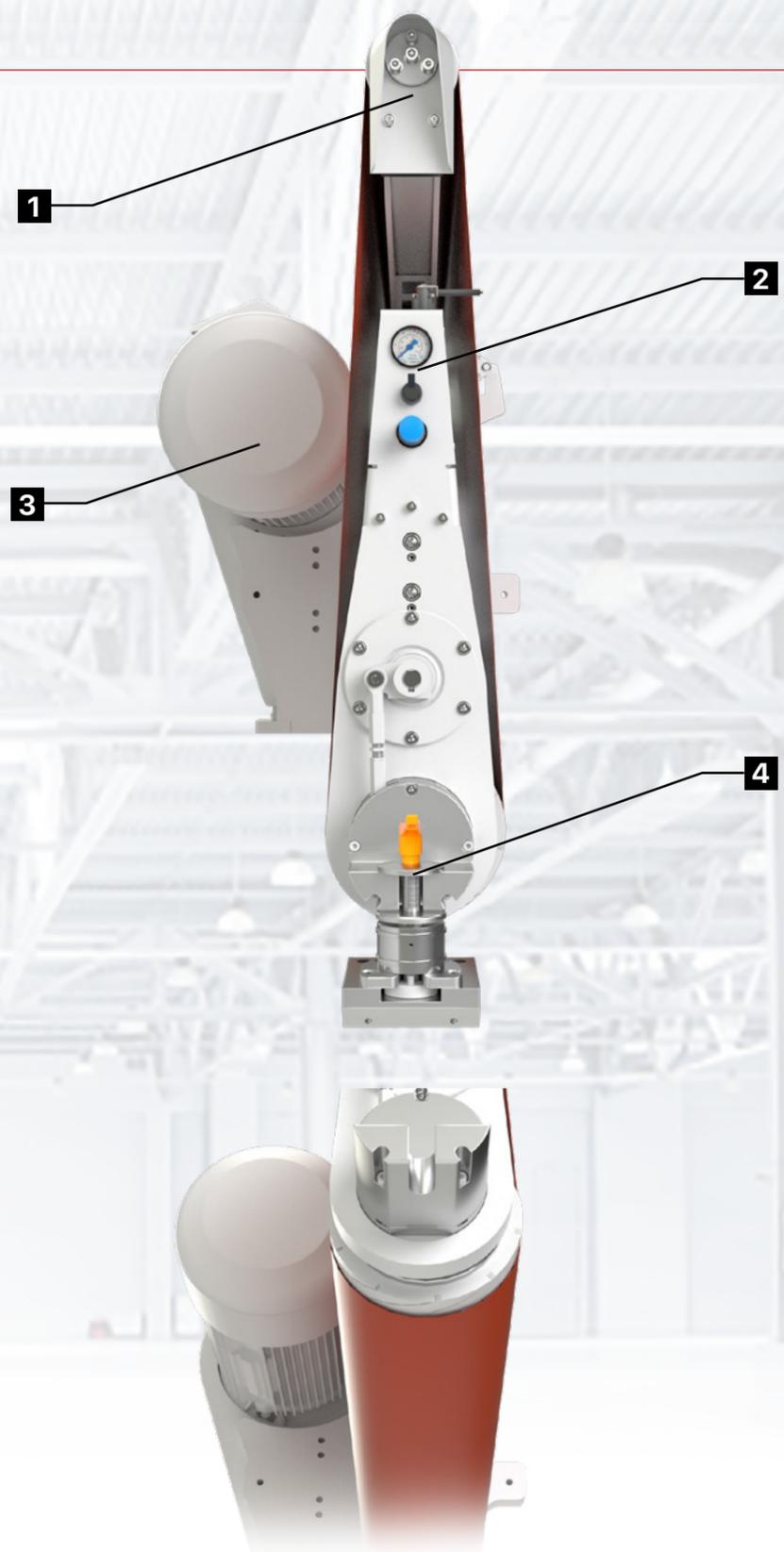
Unit with sanding roller

Standard equipment

- Motor power **22 kW**
- Diameter of rubbered roller **240 mm**
- Roller rubberizing up to **90 Sh**
- Length of sanding belt **2620 mm**
- Speed of sanding belt **18 m/s**
- Minimal length of workpiece **250 mm**

Optional equipment

- Motor power up to **40 kW**
- Motor frequency inverter **2 - 19 m/s**
- Oscillation blower for sanding belt **750 / 830 l/min.**
- Steel roller **240 mm**
- Roller rubberizing **240 / 330 mm - 35 / 90 sh**
- Oscillation blower for sanding belt **750 / 830 l/min.**
- Motor reverse
- Pressure bars for sanding short workpieces
- Split pneumatic pressure bars
- Ionizing rod



1. TENSIONING ROLLER
2. TENSIONING OF SANDING BELT
3. MOTOR
4. AGGREGATE SECURE ENSURING CHANGE OF SANDING BELT

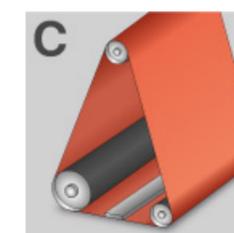
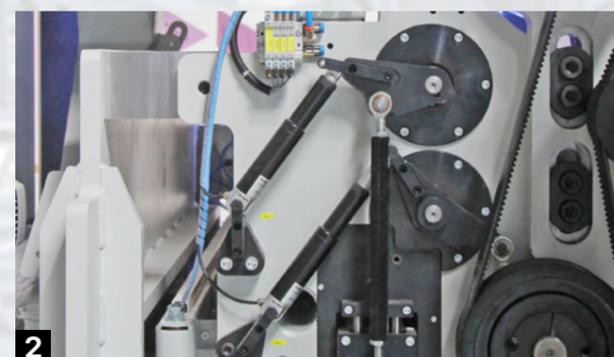
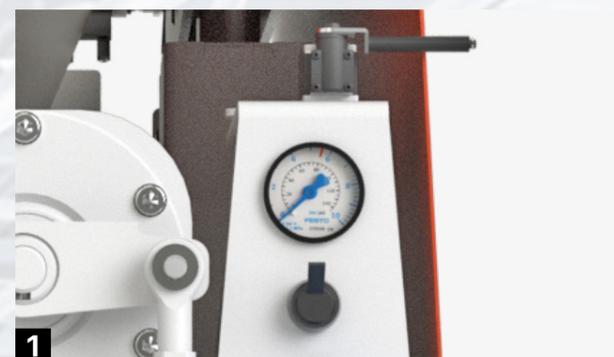
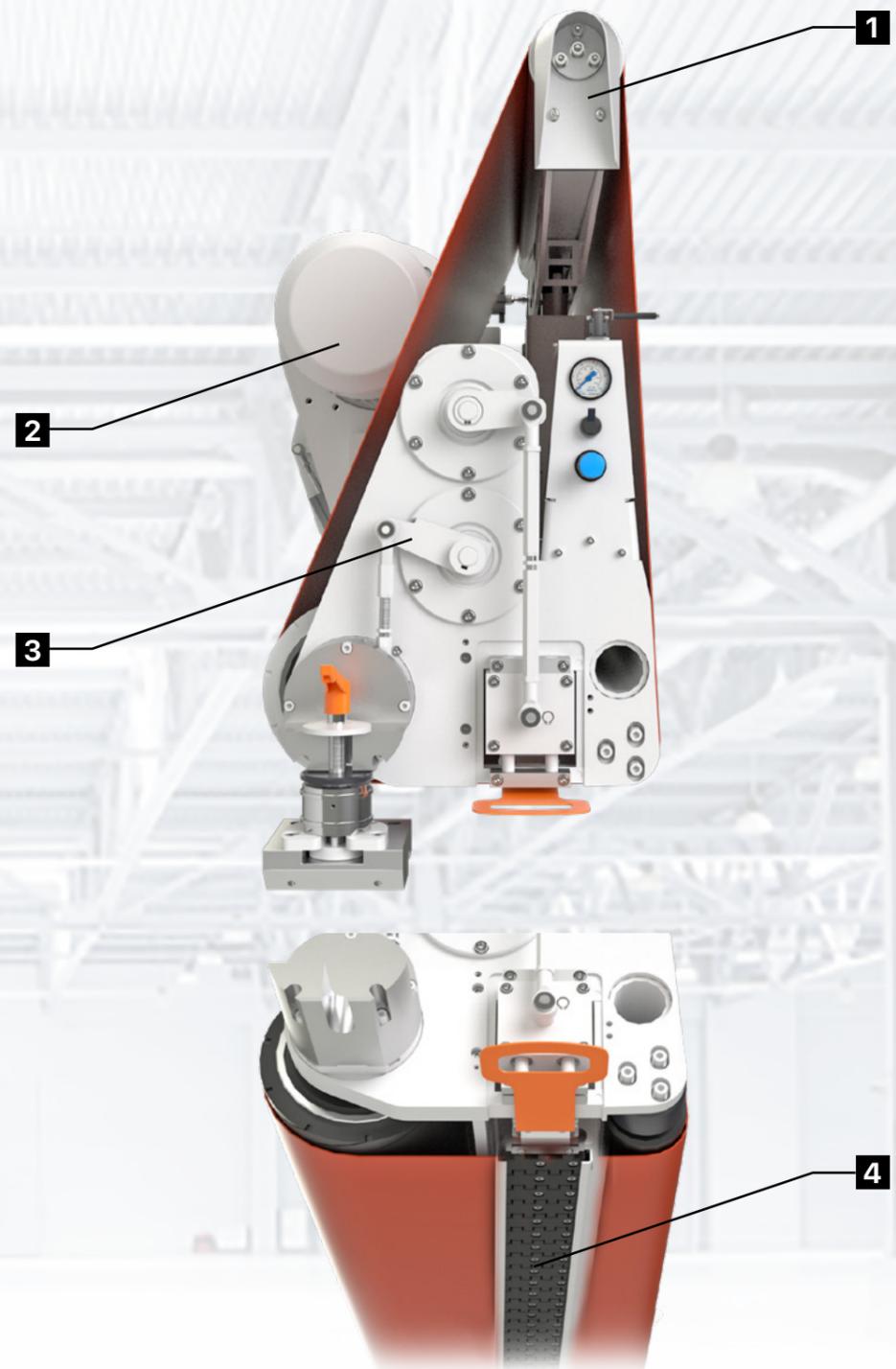
1. AUTOMATIC TENSIONING OF V-BELTS
2. SANDING BELT OSCILLATION BY OPTICAL BARRIER
3. LIMIT SWITCH
4. OSCILLATION BLOWER FOR SANDING BELT

Introduction
Highlights

→ **Standard and Optional equipment**

Technical Specifications





Unit C

Unit with sanding roller and pad

Standard equipment

- Motor power **30 kW**
- Diameter of rubbered roller **240 mm**
- Roller rubberizing up to **90 Sh**
- Length of sanding belt **2620 mm**
- Speed of sanding belt **18 m/s**
- Width of pressure pad **80 mm**
- Minimal length of workpiece **500 mm**

Optional equipment

- Motor power up to **40 kW**
- Motor frequency inverter **2 - 19 m/s**
- Steel roller **240 mm**
- Roller rubberizing **240 / 330 mm - 35 / 90 sh**
- Oscillation blower for sanding belt **750 / 830 l/min.**
- Electronic controlled segmented pad width of segment **16 / 30 mm**

Pressure pads



SOLID PRESSURE PAD



PNEUMATIC PRESSURE PAD



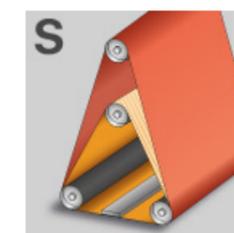
PNEUMATIC SEGMENTED PAD



ELECTRONIC SEGMENTED PAD

1. TENSIONING ROLLER
2. MOTOR
3. CONTROL OF SANDING ROLLER WORKPOSITION
4. PRESSURE PAD

1. REGULATED TENSIONING OF SANDING BELT
2. STROKE OF SANDING ROLLERS WITH STEPPER MOTORS
3. PRESSURE PAD



Unit S

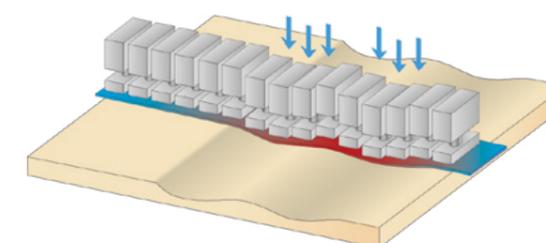
Unit with sanding pad and inner label belt

Standard equipment

- Motor power **37 kW**
- Length of sanding belt **3250 mm**
- Speed of sanding belt **2 - 19 m/s**
- Minimal length of workpiece **500 mm**
- Electronic controlled segmented Pad width of segment **30 mm**
- Width of pressure pad **80 mm**
- Oscillation blower for sanding belt

Optional equipment

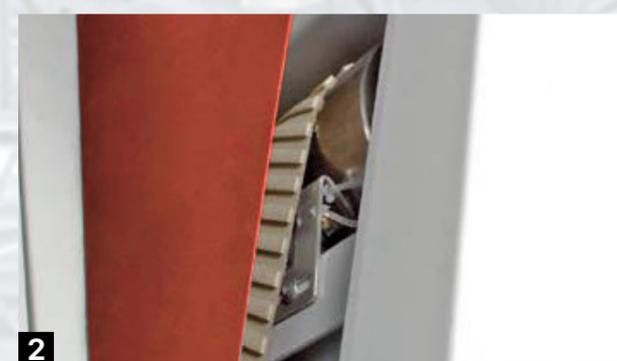
- Electronic controlled segmented pad width of segment **16 / 50 mm**



ELECTRONIC SEGMENTED PAD



1



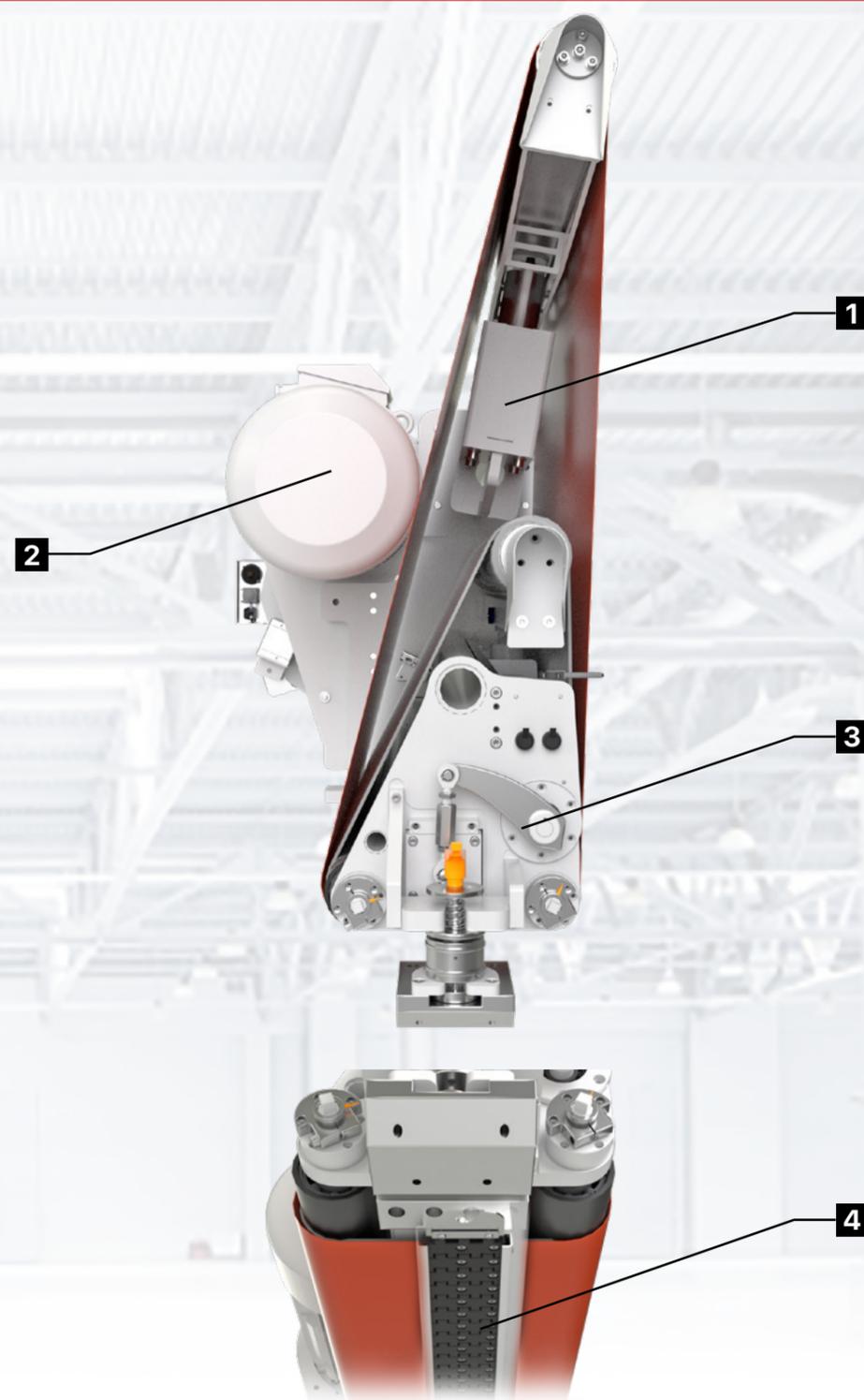
2



3

Pressure pads

1. SEGMENTED PAD
2. LAMEL BELT
3. CONTROL OF PRESSURE PAD LIFT

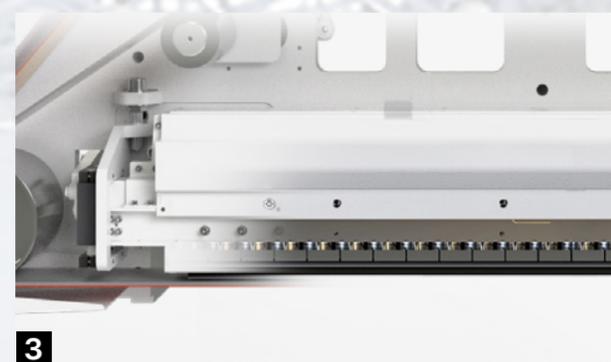
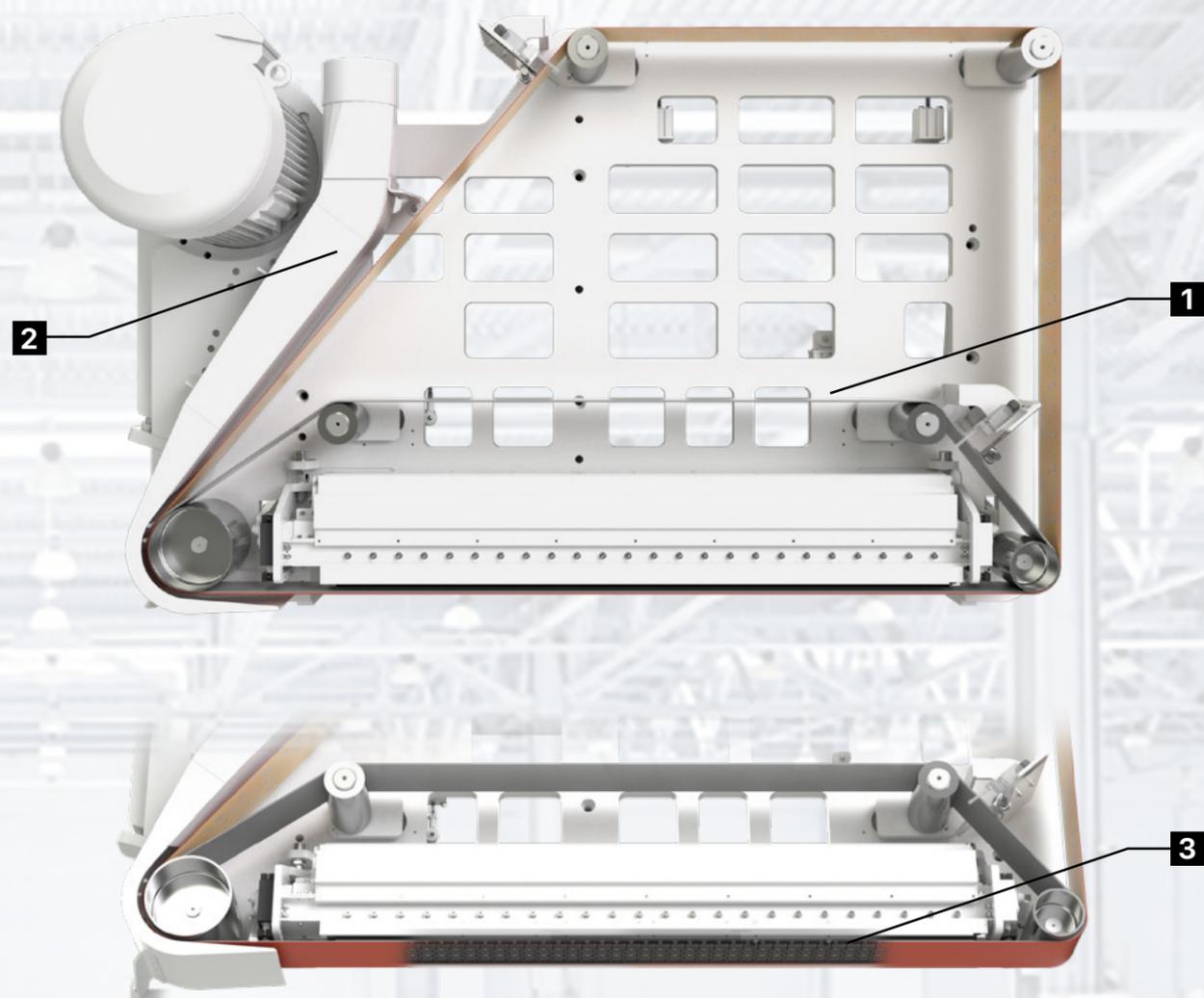


1. TENSIONING OF SANDING BELT
2. MOTOR
3. CONTROL OF PRESSURE PAD LIFT
4. SEGMENTED PRESSURE PAD

Introduction
Highlights

→ **Standard and Optional equipment**

Technical Specifications



Unit T

Side sanding unit with sanding pad and inner lamel belt

Standard equipment

- Motor power **5,5 kW**
- Motor frequency inverter **50 - 300 rpm**
- Diameter of disc **250 mm**
- Manual oscillation setting **20, 40, 60, 80, 100 mm**
- Minimal length of workpiece **500 mm**
- Motor reverse

Optional equipment

- Motor frequency inverter **50 - 600 rpm**
- Frequency inverter of motor oscillation

Introduction

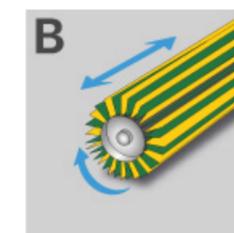
Highlights

→ **Standard and Optional equipment**

Technical Specifications

1. LAMEL BELT
2. UNIT SUCTION
3. SEGMENTED PRESSURE PAD

1. LAMEL BELT
2. AUTOMATIC TENSIONING OF V-BELTS
3. SEGMENTED PAD



Unit B

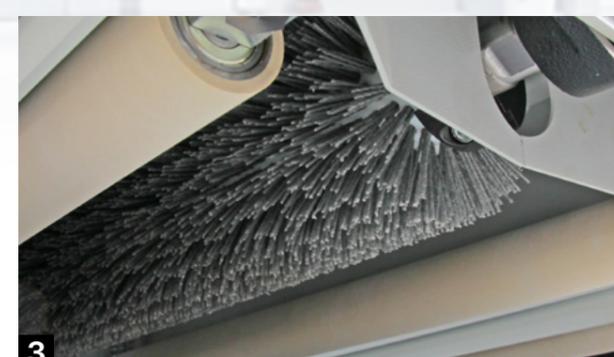
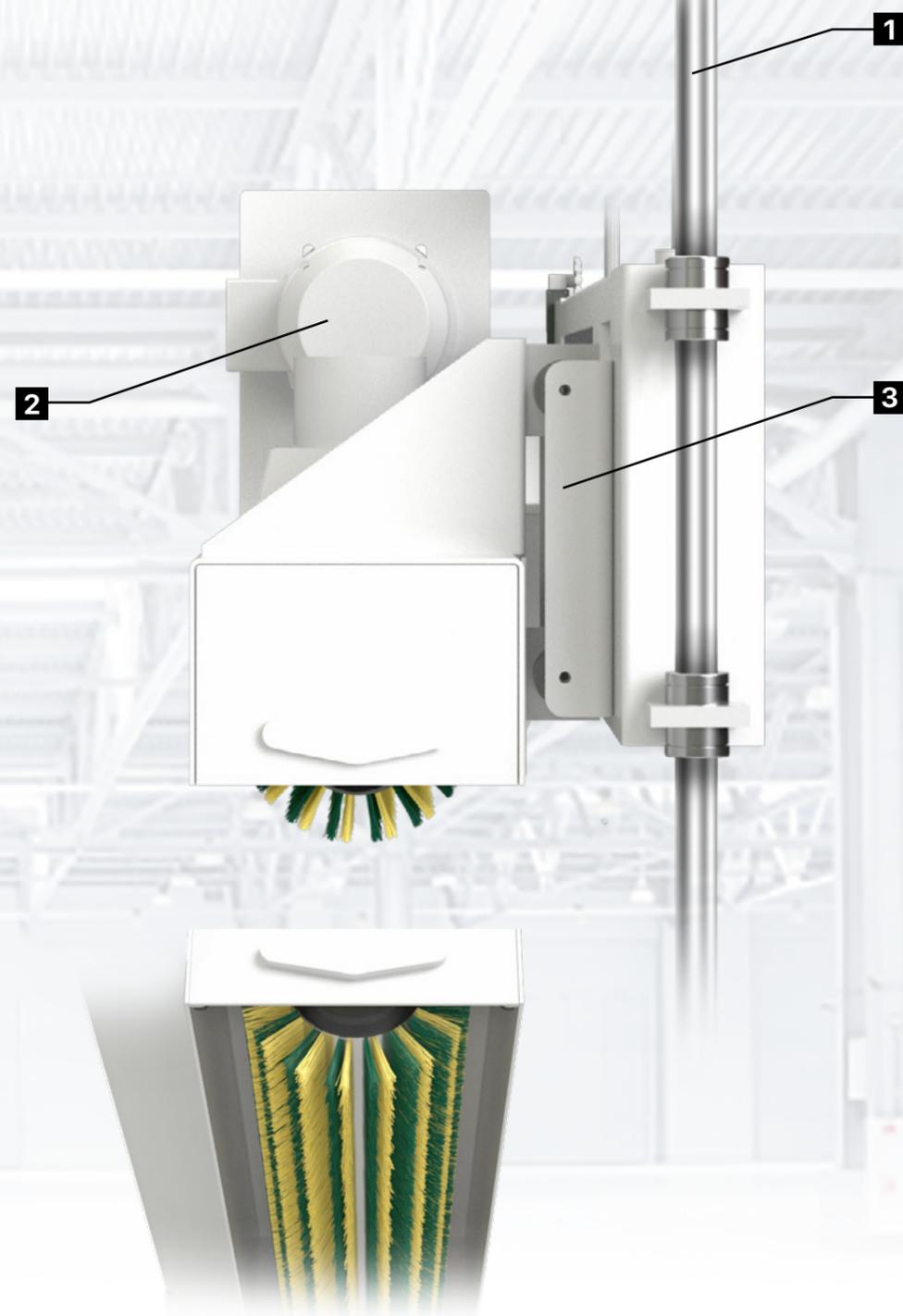
Brushing roller unit

Standard equipment

- Motor power up to **15 kW**
- Maximal diameter of tool **300 mm**
- Clamping shaft **90 mm**
- Motor frequency inverter **50 - 600 rpm**
- Manual oscillation setting **20, 40, 60, 80, 100 mm**
- Minimal length of workpiece **500 mm**
- Motor reverse

Optional equipment

- Motor power up to **18 kW**
- Motor frequency inverter **400 - 2400 rpm**
- Frequency inverter of motor oscillation



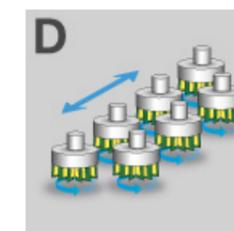
1. UNIT LIFT
2. MOTOR
3. UNIT OSCILLATION

1. UNIT LIFT
2. UNIT OSCILLATION
3. BRUSHING STEEL ROLLER
4. BRUSHING ABRALON ROLLER

Introduction
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→ **Standard and Optional equipment**

Technical Specifications



Unit D

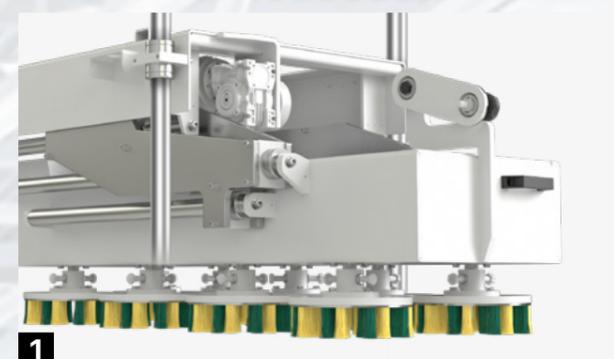
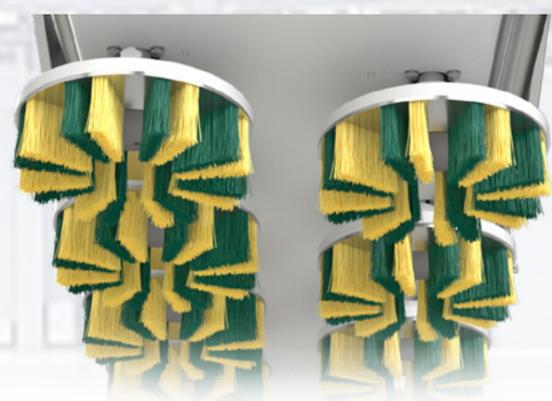
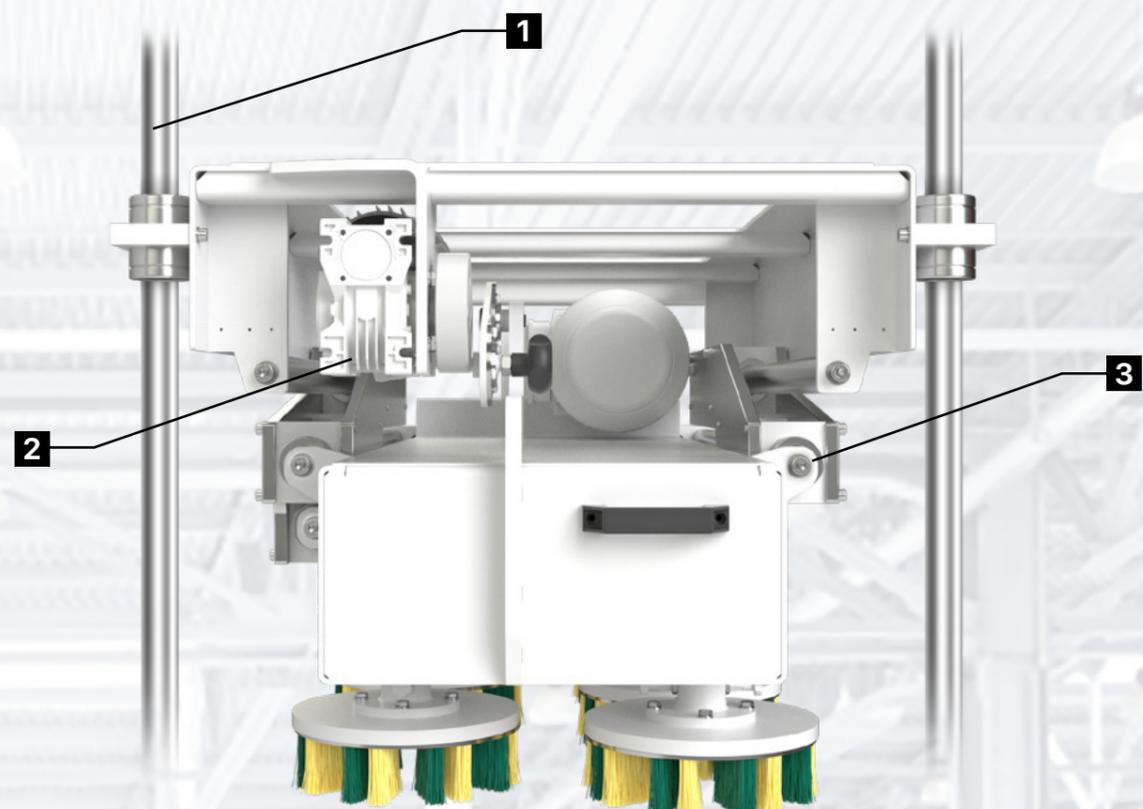
Disc brushing unit

Standard equipment

- Motor power **5,5 kW**
- Motor frequency inverter **50 - 300 rpm**
- Diameter of disc **250 mm**
- Manual oscillation setting **20, 40, 60, 80, 100 mm**
- Minimal length of workpiece **500 mm**
- Motor reverse

Optional equipment

- Motor frequency inverter **50 - 600 rpm**
- Frequency inverter of motor oscillation



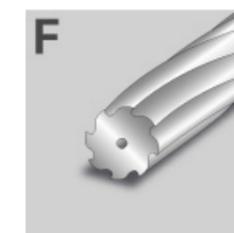
1. UNIT LIFT
2. UNIT OSCILLATION
3. UNIT EXTENSION

1. UNIT EXTENSION
2. UNIT OSCILLATION
3. UNIT LIFT
4. BRUSHING DISC

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→ **Standard and Optional equipment**

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Unit F

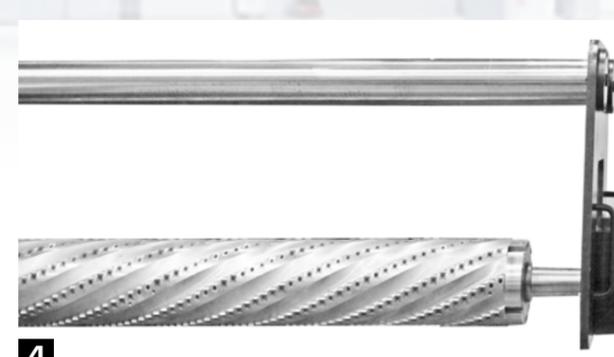
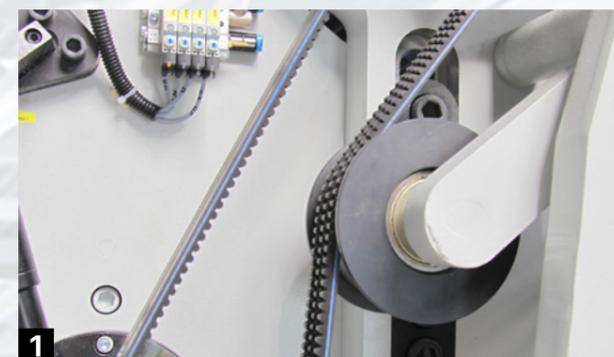
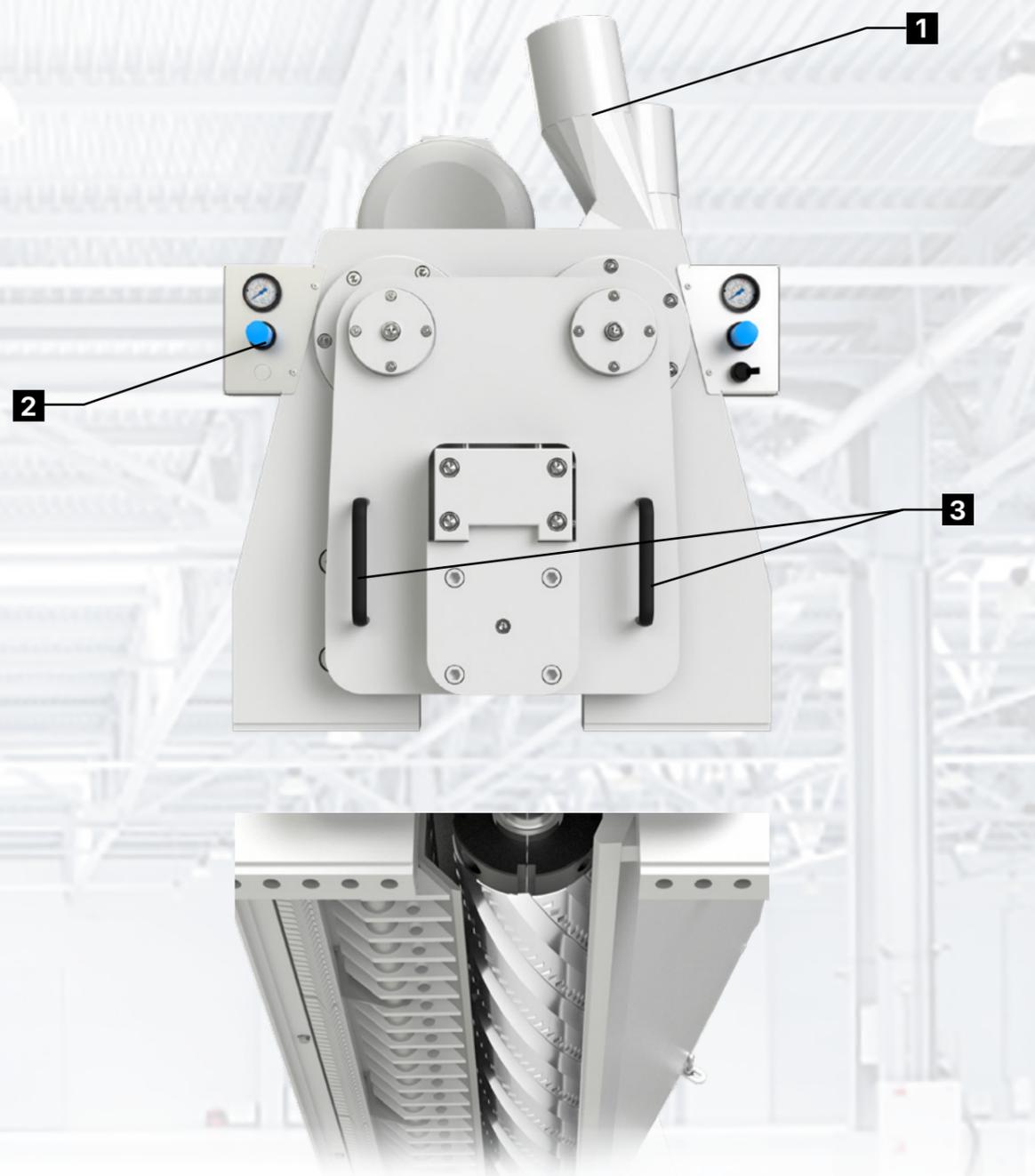
Unit with planning roller

Standard equipment

- Motor power **30 kW**
- Roller speed **3600 rpm**
- Diameter of roller **180 mm**
- Input pressure clamps **50 mm**
- Minimal length of workpiece **250 mm**
- Output pressure bar
- Extension unit

Optional equipment

- Motor power up to **40 kW**
- Pneumatic input pressure gates
+ output bar



1. UNIT SUCTION
2. INPUT SEGMENT PRESSURE REGULATION
3. UNIT EXTENSION

1. AUTOMATIC TENSIONING OF V-BELTS
2. INPUT SEGMENT PRESSURE REGULATION
3. INPUT PRESSURE SEGMENTS
4. UNIT EXTENSION

Introduction
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→ **Standard and Optional equipment**

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Buldog 9 series

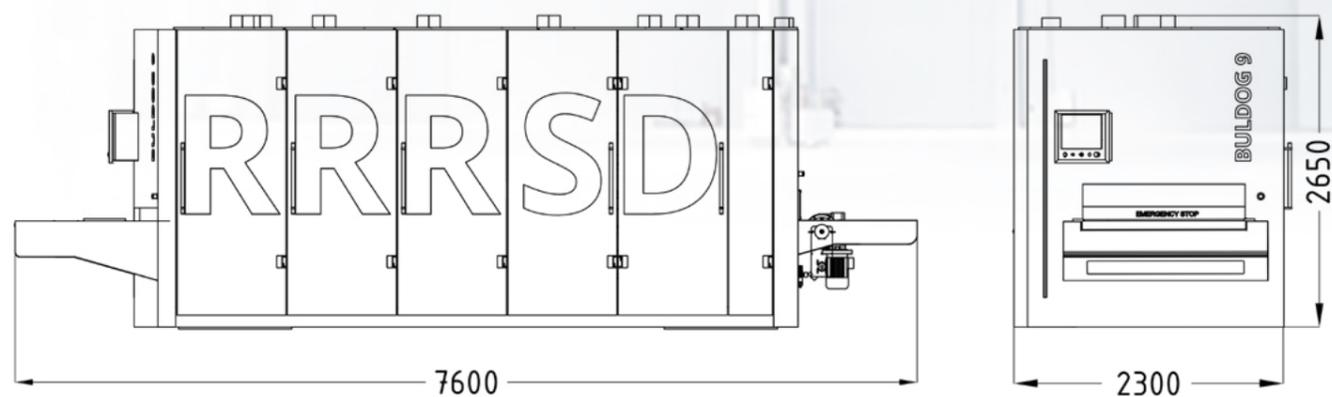
Technical specifications

Notes

1350 / 1650

BULDOG 9 WIDE BELT SANDER

		1350	1650
Max working width	mm	350	1650
Min. – max. working height	mm	3 – 200 (300)	
Feed speed	m/min	3 – 15	
Motor	kW	22-40	
Sanding belt (L x W)	mm	2620 (3250) x 1370	3250 x 1670
Contact roller diameter	mm	240 / 330	
Sanding belt speed	m/s	18	
Weight	kg	15000 - 25000	



Introduction

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Standard and Optional equipment

→ **Technical Specifications**



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