

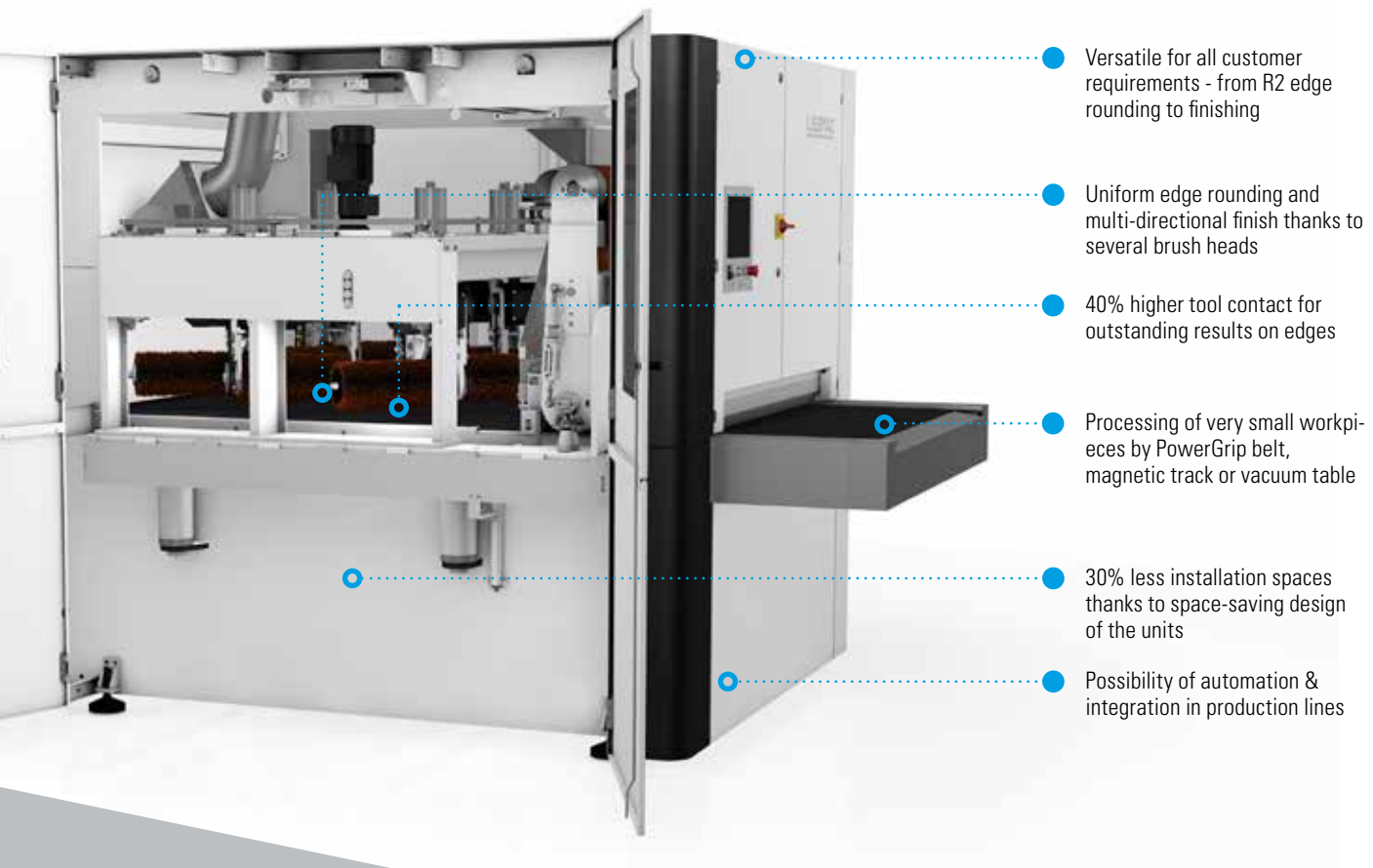
# SMD 3 - SERIES

FOR EVERYBODY WHO CAN'T GET ENOUGH OF EDGE ROUNDING



# SMD 3

OUTSTANDING RESULTS ON THE EDGE AND ON SURFACE/  
HIGHEST-END EDGE ROUNDING



Versatile for all customer requirements - from R2 edge rounding to finishing

Uniform edge rounding and multi-directional finish thanks to several brush heads

40% higher tool contact for outstanding results on edges

Processing of very small workpieces by PowerGrip belt, magnetic track or vacuum table

30% less installation spaces thanks to space-saving design of the units

Possibility of automation & integration in production lines

## Difference between S-Edition (Sheet), and P-Edition (Plate)

### S-Edition

- Universally applicable for thin sheet processing, the S-Edition machines will convince you with their efficiency and top processing results. In single-sided and dry processing, burrs and the laser oxide layer can be removed, as well as creating strong edge rounding or a surface finish.
- Available configurations: REE, RER, REER

### P-Edition

- Specially designed for thick sheet (plate) processing, the robust P-Edition machines provide outstanding performance on edges with a radius of up to 2 mm. The upstream mechanical removal of the slag from plasma and oxyfuel cut parts is both effective and cost-saving.
- Available configurations: REE, DRE, REER, DREE



- Suitable for processing various materials including steel, stainless steel and aluminium
- Simultaneous processing of different material thicknesses is possible (E-units)
- Individually adjustable processing parameters for optimum results
- The thought-out design of the rotary heads ensure an even processing result over the whole working width.
- Maximum tool contact with the workpieces for perfect edge rounding up to 2 mm radius
- Efficient processing of small parts (down to 50x50 mm), whatever the geometry of the pieces
- Stationary machine table - Constant table height for ergonomic work
- Intuitive operation thanks to clear touch panel
- Flexibility and energy-efficient work because the processing units can be switched on and off separately
- Fast machine setting by automatic positioning of the tool axes.
- Program memory takes care of automatic machine settings and reproducible processing results
- Fast tool-changing system keeps set-up times to a minimum
- Wide range of tools for maximum flexibility
- Optimal machine accessibility facilitates cleaning and maintenance
- Window in the machine doors allows to monitor the process
- Appropriate options and features for individual customer requirements
- Possibility of automation & integration in production lines

#### OPTIONS



- brush infeed table
- magnetic track 400 mm
- [ 1 ] vacuum table
- automatic conveyor belt cleaning
- [ 2 ] conveyor belt cleaning brush
- EMZR - electro-motor positioning grinding head
- bar code scanner
- [ 3 ] wireless thickness caliper ME 5000
- [ 4 ] ID-key switch

further options on demand

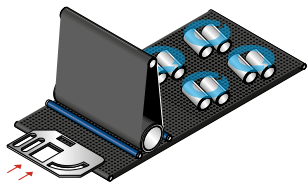
# SMD 3 (S-EDITION)



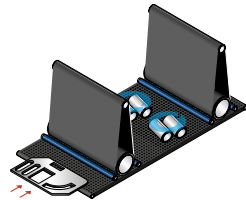
## OUTSTANDING RESULTS ON THE EDGE AND ON SURFACE

- Versatile for all customer requirements - from R2 edge rounding to finishing
- Uniform edge rounding and multi-directional finish thanks to several brush heads
- Creation of high-end grinding patterns and strong edge rounding
- Processing of sheets with coating, laser foil, imprints or punched-out holes

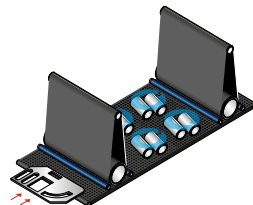
### S-EDITION: AVAILABLE CONFIGURATIONS



SMD 335 REE



SMD 335 RER



SMD 345 REER

TECHNICAL DATA	SMD 335 REE	SMD 335 RER	SMD 345 REER
passage width	1350 mm	1350 mm	1350 mm
workable material thickness	1,0 - 120 mm	1,0 - 120 mm	1,0 - 120 mm
load <sup>(1)</sup>	500 kg/rm	500 kg/rm	500 kg/rm
voltage	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz
network structure	3 + PE/ 3 + PEN	3 + PE/ 3 + PEN	3 + PE/ 3 + PEN
total power	47 A	68,6 A	75 A
total current consumption	23,6 kW	35,6 kW	38,6 kW
insulation class	IP 42	IP 42	IP 42
infinitely variable feed speed	0,3 – 8,0 m/min	0,3 – 8,0 m/min	0,3 – 8,0 m/min
weight approx.	4700 kg	5200 kg	5800 kg
dimensions (W/D/H) approx.	2170/3300/2260 mm	2170/3300/2260 mm	2170/3800/2260 mm

Specifications apply to the basic machine (PowerGrip-belt), without vacuum table/magnetic track

<sup>(1)</sup> load with vacuum table 300 kg/rm

# SMD 3 (P-EDITION)

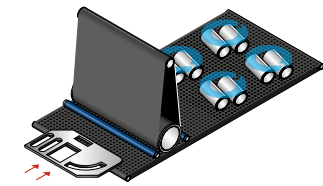
SMD 3



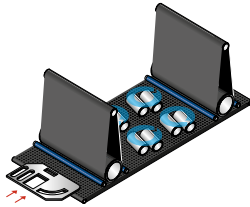
## HIGHEST-END EDGE ROUNDING

- Reduced tool costs by mechanical slag removal; no expensive grinding necessary
- Cool grinding - no heat entry into the workpiece
- Warpage and tolerance compensation by large, soft contact roller
- Perfect edge rounding up to 2 mm radius

### P-EDITION: AVAILABLE CONFIGURATIONS



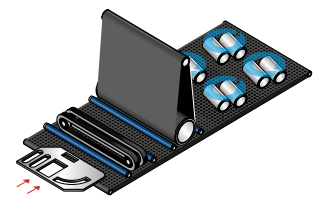
SMD 335 REE



SMD 345 REER



SMD 335 DRE



SMD 345 DREE

TECHNICAL DATA	SMD 335 REE	SMD 345 REER	SMD 335 DRE	SMD 345 DREE
passage width	1350 mm	1350 mm	1350 mm	1350 mm
workable material thickness	1,0 - 120 mm	1,0 - 120 mm	1,0 - 120 mm	1,0 - 120 mm
load <sup>(1)</sup>	500 kg/rm	500 kg/rm	500 kg/rm	500 kg/rm
voltage	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz
network structure	3 + PE/ 3 + PEN	3 + PE/ 3 + PEN	3 + PE/ 3 + PEN	3 + PE/ 3 + PEN
total power	47 A	81,6 A	47,4 A	60,4 A
total current consumption	23,6 kW	41,4 kW	23,6 kW	29,4 kW
insulation class	IP 42	IP 42	IP 42	IP 42
infinitely variable feed speed	0,3 – 8,0 m/min	0,3 – 8,0 m/min	0,3 – 8,0 m/min	0,3 – 8,0 m/min
weight approx.	5000 kg	6000 kg	5200 kg	6000 kg
dimensions (W/D/H) approx.	2170/3300/2260 mm	2170/3800/2260 mm	2170/3300/2260 mm	2170/3800/2260 mm

Specifications apply to the basic machine (PowerGrip-belt), without magnetic track



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