

## ◀ TECHNICAL DATA SHEET

### General

Machine weight	3000 kg
Machine dimensions	2640 x 1905 x 2040 mm (LBH)
Total power consumption	18KW/36Amp

The frame is very stiff and rigid, heavy duty built

Behind and in front of each belt or brush there are rubberised pressure rollers. These are resistant to oil and sparks

Pressure rollers are spring loaded.

Thanks to its unique composition of the rubber we have a good grip on the parts

All high speed rollers are dynamically balanced.

### Unit K: contact roller

Aggregate	1x contact roller: Spiral grooved Dynamically balanced Vulcanised rubber Oil and heat-resistant
Contact roller diameter	132 mm
Motor power	11 kW
Contact roller hardness	70 Shore
Height adjustability	✓
Adjustable grinding pressure	✓
Grinding belt dimensions	1060 x 1900 mm
Grinding belt tension	Pneumatic
Grinding belt speed	Frequency controlled
Oscillation	Pneumatic-electronic oscillation
Safety system	Machine does not start if grinding belt is not under tension

### Unit 4PTB: Top Brushes

Number of stations	4 top brushes: 2 oscillating brush rows (2x clockwise and 2x counter clockwise)
Brush diameter	250 mm
Motor power per brush	1.5 kW
Brush speed	Frequency controlled
Oscillation movement	The brush is making oscillation over the complete width of the conveyor belt

### Conveyor belt

Made of EPDM rubber and very sticky to hold the parts

Variable speed between 0.5 and 6 m/min

The conveyor table is mounted on 4 spindles

Resistant to oil and sparks and up to 140°C

Motorised table height adjustment from 0 to 150 mm

Electronic digital readout of the workpiece thickness

 **VG MACHINES**  
for metal - wood - composites

# EDGE MASTER



**DEBURRING AND EDGE ROUNDING WITH UNMATCHED PRECISION**





## ◀ AFFORDABLE PERFECTION

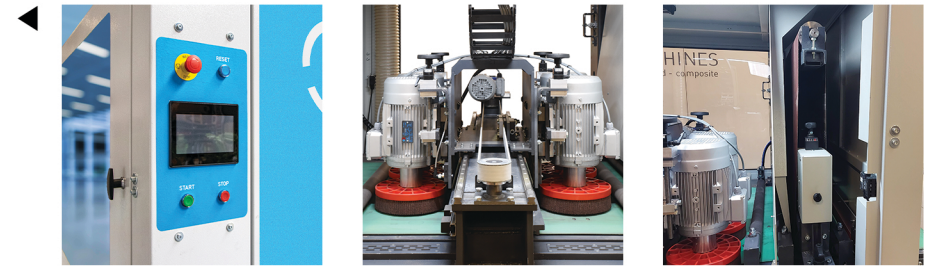
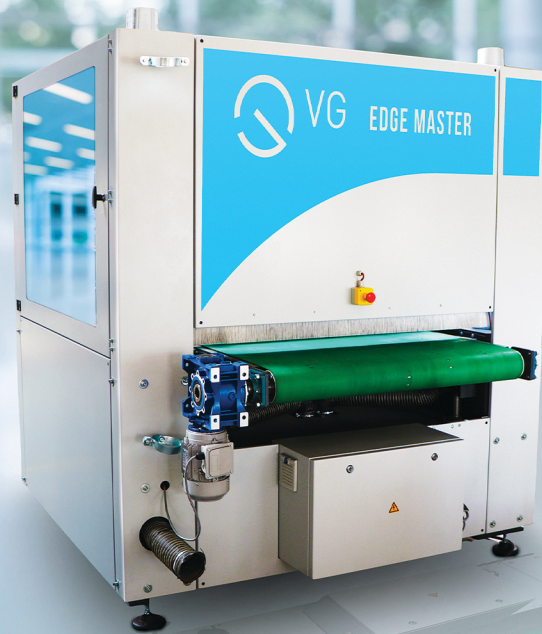
Discover the ultimate solution for deburring and rounding sharp edges of sheet metal with The Edge Master. With its unique technical features and impressive performance, this machine offers unparalleled accuracy and versatility for metal finishing.

### ▶ OPERATING WIDTH: 1060 MM

Efficient processing of large sheet metal parts for fast production workflows and maximum productivity.

### ▶ FAST FEED RATE: SMOOTH ROUNDING AT 4 M/MIN

Fast rounding of sharp edges without compromising the quality of the final product.

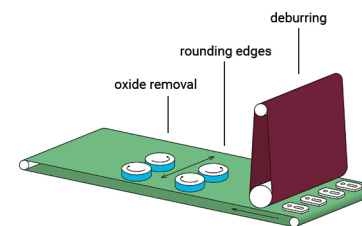


### TOPBRUSH SYSTEM

Mount different types of brushes on the top brush system, allowing you to perform multiple operations at the same time. For example, combine an **oxide removal brush** with an **edge rounding brush** for maximum versatility. Due to the oscillation of the TopBrushes, there is always an even wear of the brushes.

### UNIQUE GRINDING BELT UNIT

Targeted removal of hard burrs without damaging the workpiece surface. Precise depth and pressure adjustment ensure optimal machining.



### MULTIPLE OPERATIONS IN ONE PASSAGE

Deburring, edge rounding, oxide removal, metal slag removal, and more, all in one operation for time-saving and efficiency.

### OPERATOR-FRIENDLY TOUCHSCREEN

Intuitive operation with possibility of saving preset programmes for more efficient working.

### EASY TOOL CHANGE

Save valuable time thanks to the quick and easy exchange of both top brush and grinding belt. A complete change of grinding belt and brush within 5 min.