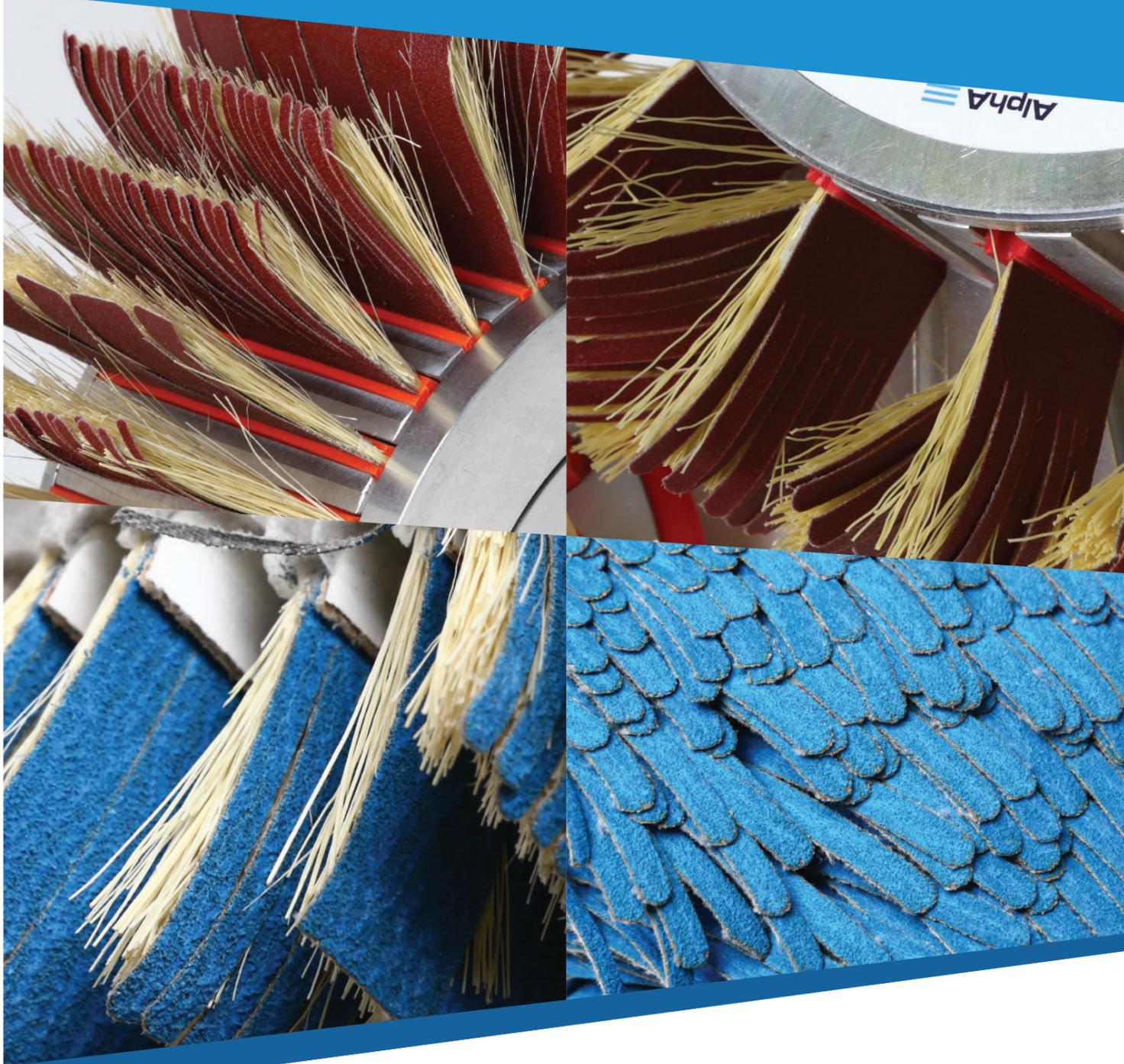


# KS Series



Let Alpha-Brush maximize  
**your sanding potential!**

Based on the knowledge gathered in the sanding and finishing industry around the world since 1999, Alpha-Brush manufactures flexible abrasives technologies for a wide variety of sanding and polishing applications in the wood, metal and composites markets. Our vision is to develop new, innovative sanding technologies and work towards continuous improvements in the field of sanding and finishing.

Our goal is to implement and match these new sanding technologies to your specific sanding and finishing applications.

Whether designing and installing new equipment and processes or updating existing machinery and systems...



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The Alpha-Brush KS Series brush sanders are designed and built with the small shop in mind. The automated sanding reduces labor, increases production and increases profitability; all while staying within a budget. The KS Series are easy to set-up, easy to use and easy to maintain. They are also extremely versatile machines that can be used for the wood, metal, plastic & composite industry.

## KS - MS

The KS-MS multi-purpose brush sander will make short work of many projects. It has two 600mm (24") top sanding heads followed by two 100mm (4") tall edge sanding brushes. The two edge sanding brushes can be adjusted to sand parts from 5mm (1/4") wide up to a full 600mm (24") wide. The support table in the back of the machine is used for edge sanding with the two side sanding heads. All sanding brushes are adjustable and reversible through a frequency inverter for added sanding adjustability. Four 100mm (4") dust

ports keep the dust contained for a clean working environment. This machine is also available in 1000mm/40" width & can be supplied without the edge sanding table.



<b>Motor for top unit:</b>	1,1 KW / 1.5 HP
<b>Motor conveyor:</b>	0,37 KW / 0.5 HP
<b>Side sanding motor:</b>	0,75 KW / 1.0 HP
<b>Speed of sanding units:</b>	100-700 rpm
<b>Side sanding drums:</b>	200mm (8") O.D. x 100mm (4") Tall
<b>Top sanding drums:</b>	250mm (10") O.D. x 600mm (24") Long
<b>Machine weight:</b>	325 kgs/ 715 lbs
<b>Power:</b>	220 volt / single phase, 20 amp service
<b>Machine dimensions:</b>	L= 130cm x W=110cm x H=134cm (51" x 43" x 53")

## KS - STR

The KS-STR brush sander is build on the same bottom frame as the KS-MS but designed with one top sanding unit with a 7,5 KW or 11 KW motor for structuring of wood, deburring of metal as well as graining. It is available in 600mm (24") width & 1000mm (40")

width. The machine is equipped with a fast "change out" system if customer is using different brushes for different applications. The height adjustment is done with a hand-wheel with SIKO counter, so the correct position is easily set.



<b>Motor for top unit:</b>	7.5 KW / 10 HP for 600mm & 11 KW / 15 HP for 1000mm
<b>Motor conveyor:</b>	0.37 KW / 0.5 HP
<b>Speed of sanding unit:</b>	100-700 RPM
<b>Top sanding drums:</b>	250mm (10") O.D.
<b>Machine weight:</b>	350 kgs / 770 lbs
<b>Power:</b>	400-480 Volt / 3 phase, 32 amp
<b>Machine dimension 600mm:</b>	L= 75cm x W=110cm x H=137cm (30" x 43" x 54")
<b>Machine dimension 1000mm:</b>	L= 75cm x W=150cm x H=137cm (30" x 59" x 54")

## KS - CS

The KS-CS double spindle sander reduces labor significantly, with its two sanding heads mounted to a center pedestal/control panel. Multiple grits can be set-up on the two sanding heads for a wide variety



of sanding applications. Additionally, the speed and rotation sanding heads can be controlled by the variable frequency drive. Two 100mm (4") dust ports keep the dust contained for a clean working environment.

<b>Main motor:</b>	1,1 KW / 1.5 HP
<b>Speed of sanding drum:</b>	100-700 rpm
<b>Machine weight:</b>	95 Kgs. / 210 lbs.
<b>Power:</b>	220 volt / single phase, 15 amp service
<b>Machine dimensions:</b>	L=92cm x W=52cm x H=100cm (36" x 20" x 40")
<b>Length of spindle:</b>	300mm (12")
<b>Size of sanding drum:</b>	200mm (8")

## KS - LS

The KS-LS is a small and compact linear sander that is easy to set-up, easy to use and takes up a small amount of valuable floor space. This sander is adjustable for grit, feed speed, part width, part height, and brush speed. All of the sanding heads can be reversed to have

multiple grits installed in the machine for an even wider range of applications. The KS-LS is equipped with two top, one left and one right sanding heads with a motorized conveyor and is designed to process three sides in a single



pass. All sanding brushes are reversible inverter driven for added sanding adjustment. Four 100mm (4") dust ports keep the dust contained for a clean working environment.

<b>Conveyor motor:</b>	0,37 KW / 0.5 HP
<b>Conveyor feed speed:</b>	3-15m/min (9-45 feet/min)
<b>Conveyor width:</b>	200mm (8")
<b>Sanding head motors:</b>	0.75 KW / 1 HP
<b>Thickness of work-piece:</b>	0-100mm (4")
<b>Speed of sanding drum:</b>	100-700 rpm
<b>Machine weight:</b>	285 Kgs. / 625 lbs.
<b>Power:</b>	220 volt, single phase, 20 amp service
<b>Machine dimensions:</b>	L=101cm x W=70cm x H=120cm (40" x 27" x 47")
<b>Side sanding drums:</b>	200mm (8") O.D. x 100mm (4") Tall
<b>Top sanding drums:</b>	200mm (8") O.D. x 200mm (8") Long

## KS - TS

The KS-TS model is a simple, versatile, vertical edge sander designed to increase consistency and productivity. It is equipped with one vertical sanding brush and an adjustable POM polymer sliding table to reduce table friction. The sanding head is adjustable for speed



and rotation through an inverter for added sanding adjustment. A variety of sanding heads can be installed for a wider assortment of applications. One 100mm (4") dust port keeps the dust contained for a clean working environment.

<b>Main motor:</b>	0.75 KW / 1.0 HP
<b>Speed of sanding drum:</b>	100-1000 rpm
<b>Machine weight:</b>	105 Kgs. / 230 lbs.
<b>Power:</b>	220 volt, single phase, 10 amp service
<b>Machine dimensions:</b>	L=66cm x W=66cm x H=106cm (26" x 26" x 42")
<b>Length of spindle:</b>	100mm (4")
<b>Size:</b>	200mm (8")