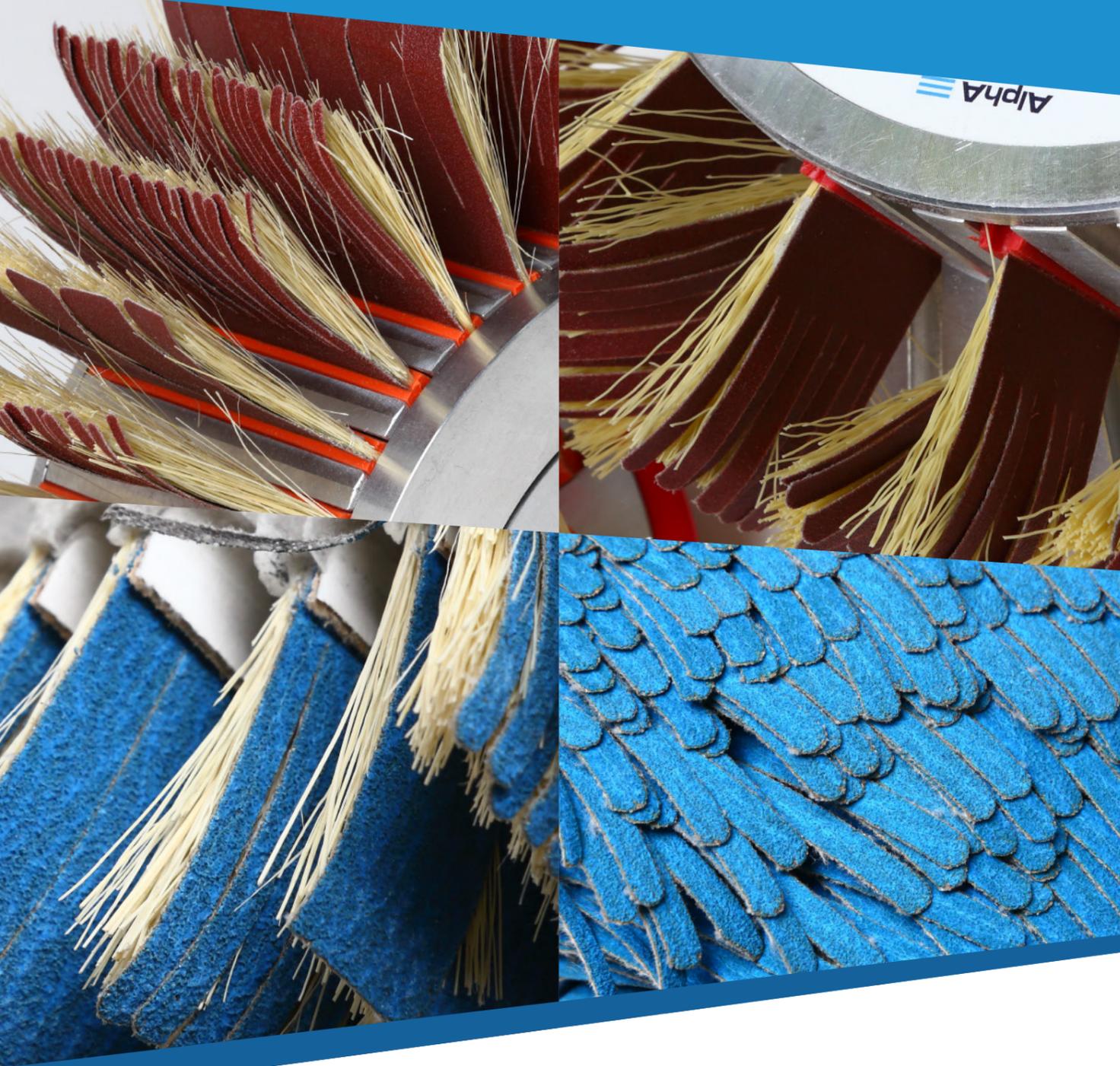


# INFINITY



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 manufacture 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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# Alpha-Brush INFINITY



The Infinity machine is the perfect solution for small to medium size companies. It is built with heavy duty motors components & frame designed for years of demanding use & can be used in the wood, metal, plastic & composite industry. The machine is designed with an interchangeable system, that will allow fast changing of the different units for different applications. The machine comes in three different width, 600mm (24") , 1000mm (40") & 1350mm (52") & can be supplied with one, two, three or four sanding station. The different

units are easily changed by lifting up the front cover, then lifting the two handles on top & slide the unit into a trolley for easily moving or storage.

The machine has separate adjustable speed control for each unit as well for the conveyor. The height adjustment is done by turning a handwheel & measured down to 0.1 mm with electrical SIKO counters. (Can be set to US or Metric). The machine comes standard with 2.2 kw motors, but can be upgraded upto 11kw, depending on the application. The machine is already prepared with vacuum table outlet so an external vacuum fan can easily be connected.



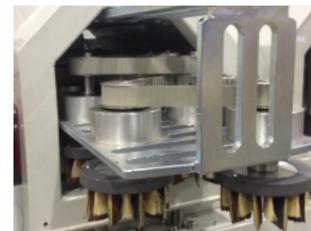
DS BUFFING PADS



SCB DISC



PTH



DS



CONTROL PANEL



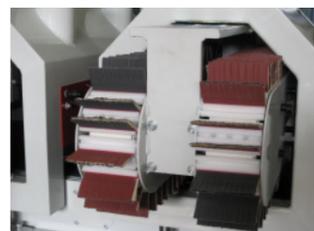
VACUUM OUTLET



STEEL BRUSH



TYNEX BRUSH



CBT



BS STRIP SYSTEM



SCB ROLL

# Specifications

|                                 |  |
|---------------------------------|--|
| <b>Thickness of work piece:</b> | 0-100mm (0-4")                                       |
| <b>Conveyor belt width:</b>     | 600-1000-1350mm ( 24"-40" & 52" )                    |
| <b>Conveyor belt motor:</b>     | 0,75 kw  |
| <b>Speed of conveyor belt:</b>  | 3-15m/min (10-45 f/min) Can be changed on request!   |
| <b>Machine weight:</b>          | 450-2000 kgs (990-4400 lbs)                          |
| <b>Machine dim. 1S-600:</b>     | L: 1140mm x W: 1050mm x H: 1375mm (45" x 41" x 54")  |
| <b>Machine dim. 1S-1000:</b>    | L: 1140mm x W: 1450mm x H: 1375mm (45" x 57" x 54")  |
| <b>Machine dim. 1S-1350:</b>    | L: 1140mm x W: 1800mm x H: 1375mm (45" x 71" x 54")  |
| <b>Machine dim. 2S-600:</b>     | L: 1700mm x W: 1050mm x H: 1375mm (67" x 41" x 54")  |
| <b>Machine dim. 2S-1000:</b>    | L: 1700mm x W: 1450mm x H: 1375mm (67" x 57" x 54")  |
| <b>Machine dim. 2S-1350:</b>    | L: 1700mm x W: 1800mm x H: 1375mm (67" x 71" x 54")  |
| <b>Machine dim. 3S-600:</b>     | L: 2350mm x W: 1050mm x H: 1375mm (93" x 41" x 54")  |
| <b>Machine dim. 3S-1000:</b>    | L: 2350mm x W: 1450mm x H: 1375mm (93" x 57" x 54")  |
| <b>Machine dim. 3S-1350:</b>    | L: 2350mm x W: 1800mm x H: 1375mm (93" x 71" x 54")  |
| <b>Machine dim. 4S-600:</b>     | L: 3200mm x W: 1050mm x H: 1375mm (126" x 41" x 54") |
| <b>Machine dim. 4S-1000:</b>    | L: 3200mm x W: 1450mm x H: 1375mm (126" x 57" x 54") |
| <b>Machine dim. 4S-1350:</b>    | L: 3200mm x W: 1800mm x H: 1375mm (126" x 71" x 54") |

# Standard features

- 2,2 KW motors for sanding media ( speed 100-700 rpm )
- Easy changing of abrasives.
- Heavy duty construction
- Digital height readout