

KUNDIG

SANDING CAROUSEL UNIT



for
special sanding operations...

SANDING IDEAS – IDEAS THAT GET THE JOB DONE !

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SANDING IDEAS ...

Part of the KÜNDIG Group's corporate philosophy is knowing today what our customers will need tomorrow.

Quality, creativity, dynamism, innovation and environmental care are thus the key to our economic success and strong market position.

The KÜNDIG Group already knows the challenges facing both humans and machines in the coming years, we understand our customers requirements and are developing ideas to meet them.

...IDEAS THAT GET THE JOB DONE !

SANDING CAROUSEL

(disc brush sanding unit)



A new technical innovative sanding solution, developed and patented based on our know how and experience.

Our layout standard is the customer production requirement!

SANDING CAROUSEL (disc brush sanding unit)

The new developed and patented KUNDIG SANDING CAROUSEL fullfills all production and quality requirements to sand profiled work-pieces as for example 5 piece kitchen cabinet doors.

The ingenious and patented movement of the discs and the whole unit, result in an absolute perfect high quality finishing and an absolute uniform shape of the edges of the work-piece.

The SANDING CAROUSEL can be combined with all other sanding and brush units of KUNDIG.

PERFECT FINISHING of PROFILED:

- SOLID WOODEN WORK-PIECES
- VENEERED WORK-PIECES
- LAQUERED WORK-PIECES

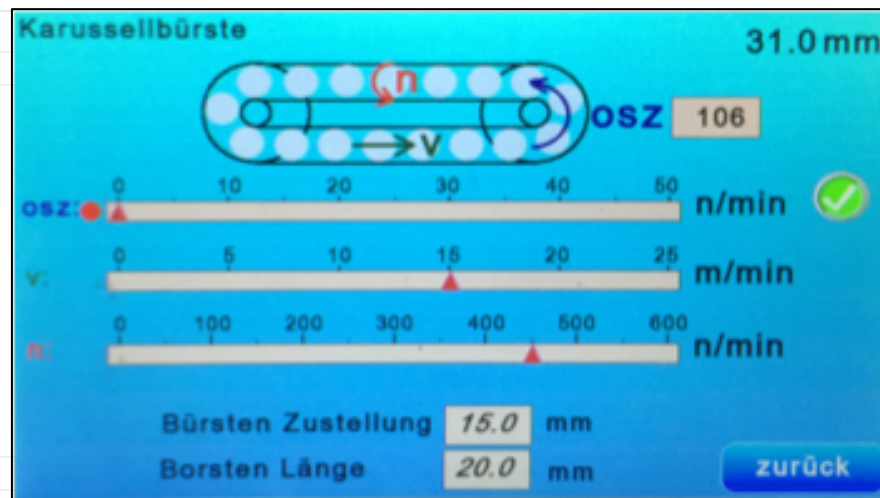


2.2. SPECIFICATIONS

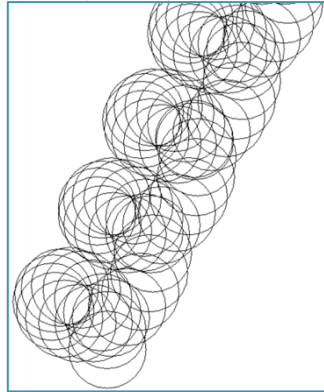
- ✓ Ingenious, patented drive system that let the discs run 'carousel-like' in an endless slope from left to right and back.
- ✓ The drive system is mounted on an oscillating platform that let the discs swirl around their own circumference.
- ✓ The whole system is equipped with a height adjustment to allow using brushes with different bristle length and stiffness, to 'plunge' more or less into the profile of the work-piece according to the sanding application.
- ✓ The multiple high quality disc brushes [Ø125 mm / Ø 5"] are equipped with a self locking device for a quick and tool-less change.
- ✓ The traversal speed of the discs is step-less variable.

2.2. SPECIFICATIONS

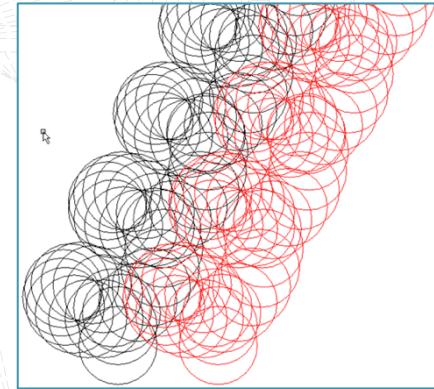
- ✓ The rotating speed of the discs is step-less variable.
- ✓ The level of the brushes is step-less variable.
- ✓ The oscillating speed of the unit platform is step-less manually variable, but can be also run in an automatic mode, which optimise automatically the oscillation speed in relation to the feed and traversal speed.
- ✓ High efficient dust extraction system.



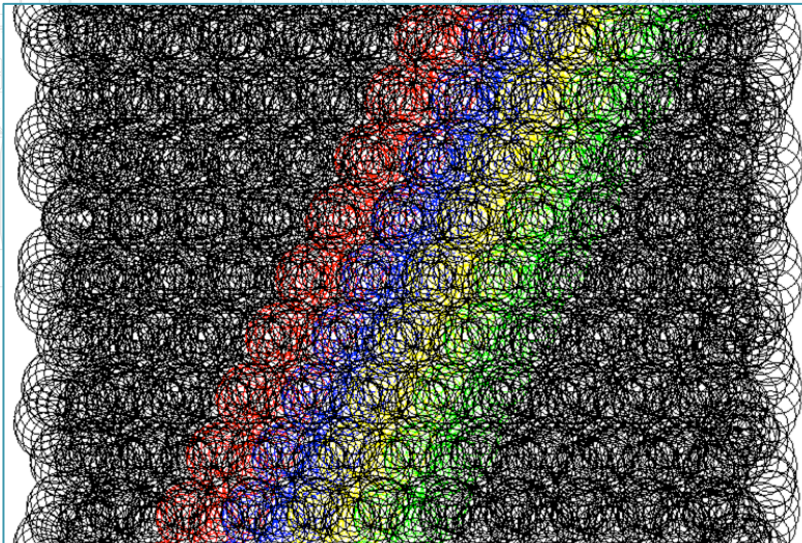
2.2. SPECIFICATIONS



1 disc



2 discs






The patented movement of the unit covers the whole working width absolutely homogenous!

Based on this fact, perfect uniform edges in all areas of the work-piece are achievable!

2.3. ADVANTAGES

The patented drive system of the SANDING CAROUSEL has considerable advantages compared to other available units and gives an perfect homogenous surface, because of the always:

-  uniform consumption of the abrasives of all discs. Independent on which side of the feed the work-pieces are passing the machine.
-  double sanding coverage of the work-piece surface: Once by the discs going from left to the right and once by the discs going from right to the left.
-  equal attack on the edges of the work-pieces through the opposite direction of the traversal movements.

2.4. PICTURES

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A detailed technical line drawing of a sanding carousel unit. The drawing shows a large rectangular frame with a central carousel mechanism. The carousel has several circular sanding stations. The entire unit is supported by a sturdy base with four legs. The drawing is rendered in a light gray color, with some components highlighted in blue to match the text.

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