HAVER & BOECKER

DIE DRAHTWEBER



HAVER CPA 2 CONVEYOR

THE COMPACT CONVEYOR UNIT.
INNOVATIVE MEASUREMENT OF LONGISH MATERIALS UP TO 45 MM.

HAVER CPA 2 CONVEYOR.

„Compact" conveyor unit for size and shape analysis in a measuring range from 36 µm to 45 mm.

The photo-optical analysis of longish and high aspect ratio materials (e.f. catalysts) presents a unique challenge. The challenge is to achieve particle separation at the time of measurement whilst avoiding incorrect results of size and shape analysis.
The HAVER CPA 2 CONVEYOR has been designed and engineered to measure longish particles from 36 µm.
Thanks to the HAVER REAL TIME technology, the HAVER CPA 2 CONVEYOR can also be utilized as a particle counting device. The unit's versatility and ruggedness allow it to be used in the laboratory, in a pilot plant or the harsh environment of a process plant as an online device.
It can also be integrated into a production process with virtually no modification because of the built-in serial interface.
The HAVER CPA 2 CONVEYOR is supplied with the newest and user-friendly HAVER CpaServ software, which works under current Windows operating systems. The GigE technology allows flexible operation with a notebook.

Advantages of the HAVER CPA 2 CONVEYOR:

- particles will be aligned (max. length/width)
- online capability
- high speed measuring
- automatic feeder cleanout
- robust design
- high camera resolution
- LED-light-source, no warm-up phase, energy saving
- GigE-camera interface
- data transfer up to 100 m
- pneumatic cleaning as standard

Examples for applications:

especially for longish particles like

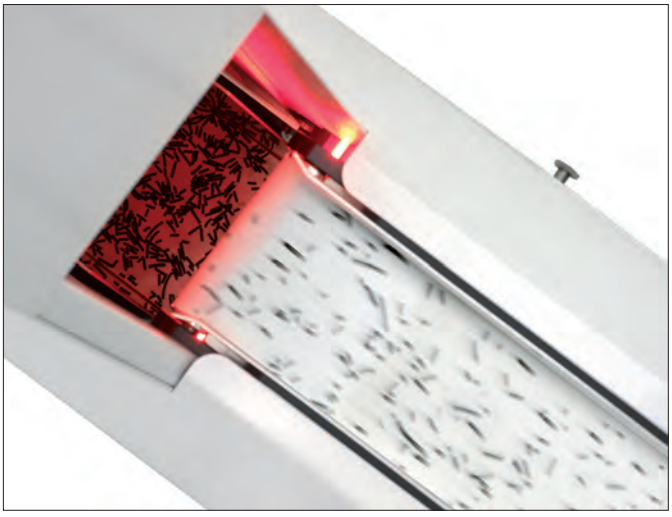
- wood chips / fibres
- catalysts
- extruded synthetic granulates
- pellets

and for

- sand
- coal
- sugar
- salt
- plastics
- fertilizer
- ceramic
- glass
- food
- pharmaceuticals



New CpaServ Software with clearly represented results



HAVER CPA 2 CONVEYOR measuring catalysts

Technical data:

Measuring range:	36 µm to 45 mm
Operating voltage:	230 Volt, 50 Hertz or 115 Volt, 60 Hertz
Type of protection:	IP 54
Feeder width:	65 mm
Conveyor width:	75 mm
Camera:	CCD-line-scan-camera
Horizontal resolution:	2048 Pixel
Pixel frequency:	60 MHz
Light source:	LED
Interfaces:	BUS-Extension, GigE, USB
Dimensions:	ca. 940x260x580 mm (LxBxH)
Weight:	ca. 27 kg
Colour:	white, RAL 9003

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