

HAYER & BOECKER



DIE DRAHTWEBER



HAYER CPA 5 CONVEYOR

ADAPTABLE, FLEXIBLE & PRACTICAL PARTICLE ANALYSIS.
ANALYSIS OF 100 PER CENT OF THE PROCESS STREAM.

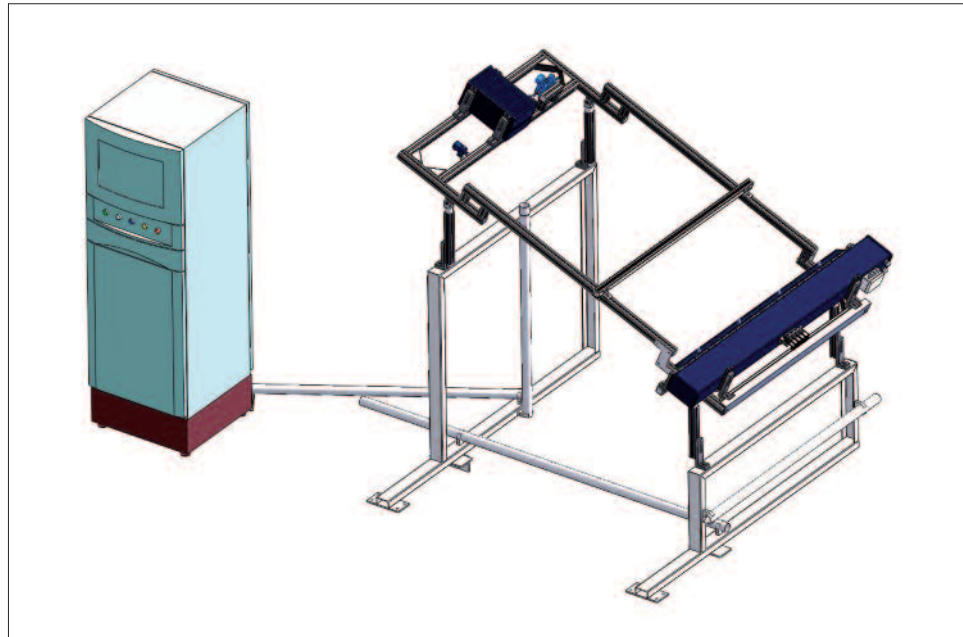
HAVER CPA 5 CONVEYOR.

Flexible Photo-Optical Particle Size Analyser for size and shape analysis in the measuring range from 0.40 mm to 400 mm.

As a member of the HAVER family of CPA instruments the HAVER CPA 5 CONVEYOR works with the same measuring technology as the other members of the CPA family. By utilising the customer's constant speed conveyor belt to deliver the process material, the HAVER CPA 5 CONVEYOR can analyse the entire process stream as it falls from the end of the conveyor belt.

The mounting frame for the CPA 5 CONVEYOR imaging system is very flexible and can be engineered to adapt to most customer requirements.

Thanks to the HAVER REAL TIME technology, the HAVER CPA 5 CONVEYOR can also be utilised as a particle counting device. The HAVER CPA 5 CONVEYOR's versatility and ruggedness allow it to be placed in the harsh environment of a process plant. The main use of this unit starts at a grain size of 50 mm. The HAVER CPA 5 CONVEYOR is supplied with user-friendly HAVER CPA software, which works with current Windows operating systems. Both the measuring unit and the software are designed for an online connection to a PLC system. Upon request the CPA



HAVER CPA 5 CONVEYOR with systems frame construction, adaptive to each customised construction situation

software can be customised to meet special requirements.

Advantages of the HAVER CPA 5 CONVEYOR:

- flexible construction, special solutions are possible upon request
- covering of a wide particle spectrum
- installable into existing constructions
- short measuring times
- online-capability
- sampling not necessary
- on-site measurement without complex material transport of samples
- low-maintenance, dust-tight, robust construction
- software changes individually programmable

Technical data:

Measuring range:	0.40 mm to 400 mm
Operating voltage:	230 Volt, 50 Hertz or 115 Volt, 60 Hertz
Type of protection:	IP 65
Scanning width:	750 mm
Conveyor width:	815 mm
Camera:	CCD-line camera
Horizontal resolution:	2048 pixel
Pixel frequency:	40 MHz
Light source:	fluorescent lamp
Dimensions:	approx. 2221x1700x300 mm (LxWxH)
Frame construction:	aluminium systems profile
Colour:	blue, RAL 5013

Examples for applications:

- coke
- coal
- recycling materials
- rock, stone, and related mineral products, and others

HAVER & BOECKER · Ennigerloher Straße 64 · 59302 OELDE, Germany · Phone: +49-2522-300 Fax: +49-2522 30-404
E-mail: cpa@haverboecker.com · Internet: www.weavingideas.com