

Color sorter GroTech

In order to obtain an end product that is as pure as possible, mechanical cleaning techniques are often not sufficient if the unwanted components are similar in size and weight. A color separator is necessary to remove unwanted components that differ only in color or shape.

The sophisticated technology was installed in a compact machine and is therefore also very suitable for use on farms.

We are also happy to help you with the necessary compressed air accessories.

Who is the manufacturer?

As also named in the advertisement, the manufacturer is called GroTech, a leading manufacturer from Hefei China, also known as a supplier for a well-known Russian manufacturer. **Wer stellt die Kameras her?**

TOSHIBA + GroTechhardware

Who makes the ejectors / valves?

MATRIX Italien

What is the lifespan of the ejectors/valves?

100,000 million actuations per single nozzle

Who provides the software?

GroTech's own software, sophisticated software including AI mode German translated.

How wide is the track?

GroTech doesn't like to give details on this, with our stock ones KD32, the chute inside the crop flow is 16.3 cm wide and has 36 ejectors, the next larger model ZX1 is the chute Proportionally broader to the hourly output and accordingly has more ejectors.



How many cameras per lane?

2x true color cameras per slide (one in the back and one in the front)

Can the background colors be changed?

There are 2 background colors installed on each side, Osram LED white and LED blue which can be adjusted in intensity.

How much good product is wasted?

With just a few steps and a short expenditure of time, you can already achieve a cleaning result. This can then be adjusted to the culture with a few settings in order to get the result even purer and also to get the rejects more concentrated. As a rule of thumb, the ratio of good product to rejects is 1:1, which can be adjusted in favor of the good product, so that even less good product ends up in rejects.

In general, the devices from GroTech are built to a very high standard, and there are also some stainless steel components, branded components as well as e.g. an extra closure drain, well thought-out condensate drains, separate crop flow areas for technology and electronic components. Ejector cleaning and interior cleaning as well Windshield wipers also on the KD32 model.

We are currently in the process of setting up the sales of color sorters and also appreciate the good accessibility of the manufacturer GroTech.

We have also created human resources ourselves to help well-known Austrian mentality and with accumulated experience to offer the best possible support.



Information according to the manufacturer	KD32	ZX1	ZX2	ZX3
Throughput (T/H) in wheat	~0,5	~0,9	~1,8	~2,8
Voltage(V)	110-250V(50/60)	110-250V(50/60)	110-250V(50/60)	110-250V(50/60)
Power(KW)	0.4	0,5-1,5	0,8-1,5	1-2
sorting accuracy (%)	>99,9	>99,9	>99,9	>99,9
liters/minute, Average air requirement dependent on crop size, ~	400	600	1200	1800
Dimension length x width x height mm	620x 970x 1500	860x 1590x 1520	1174x 1590x 1520	1488x 1590x 1520
Weight(KG)	158	280	420	600

A small selection of cultures that we have tested:

[Video AUER - GroTech Farbausleser](#)

[Video_Weizen und Mutterkorn aus Roggen](#)

[Video_Weißmohn mit KD32 Farbausleser](#)

