

Components & Parts

Experience matters

1991 Founded as RETEK Goslar Recycling GmbH as spin-off from German ore mining company **PREUSSAG** AG – Germany, first solutions for recycling of WEEE development of delamination systems for compound materials to recover and separate metals

2007 Take over by E-Waste Solutions Inc. Canada, driven by Alfred Hamsch former owner and president of **GEEP** – Canada (Global Electric and Electronic Processing Inc., Barrie, Ontario, Canada)

2008 Renaming to RETEK Engineering GmbH, adaptation of technology to compound materials like e.g. mixed metal scrap.



2013 Renaming to UMS – Urban Mining Solutions GmbH

2014 Founding of Mesatex as production center on loan basis and as UMS development and testing center



Since machines were not available on the market or did not meet the requirements, UMS developed and continues to develop its own components and solutions to increase the efficiency of material processing and separation.

UMS extended this even to operational parts based on its own processing and operational know-how experienced during running Mesatex production center.

Operating Support Devices (OSD)

OSD simplifies and increases efficiency of operation or makes operation more flexible. The OSD are not limited to the following.

- Material silos – movable or fixed – with or without conveying chute
- Material conveying belts – movable or fixed
- Sorting belts – movable or fixed
- Sorting chutes – movable or fixed
- Big bag skid – movable
- Funnel sacking stations for big bags and / or bins – movable or fixed – with or without gate
- Cover for boxes
- Material sampler – stand or lance or drill
- Material pullers
- ...and many others

In case you require an OSD which is not listed or you require a solution for your operational task do not hesitate to contact us.

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Operating Support Devices (OSD)



OSD Material sampler – stand or lance or drill

The OSD material sampler is used to take samples of the production from bulk material.

The OSD material sampler type stand is used e. g. in boxes.

The OSD material sampler type lance is used for e. g. dust.

The OSD material sampler type drill is used for e. g. fluffy materials.

Our standard diameters are approx. 20 and 80 mm. The length will be chosen according to the application. Other diameters are available on request.



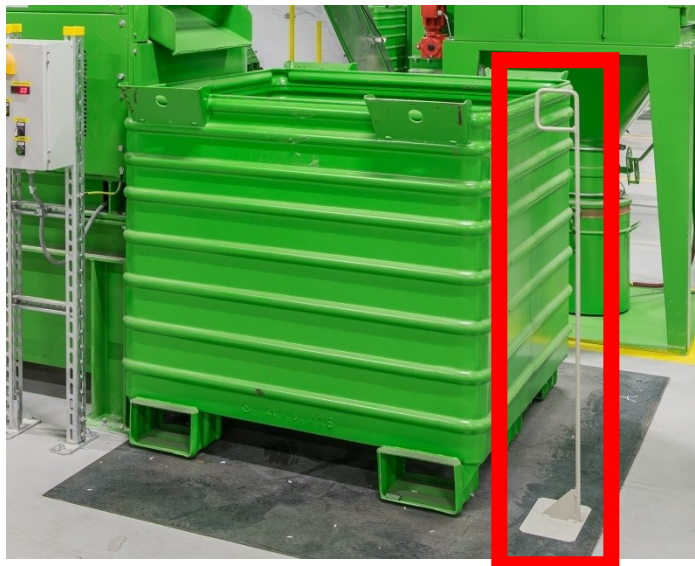
OSD Cover for boxes

The OSD cover for boxes reduce the spill of material e.g. out of a box and/or reduce the release of dust.

The cover for boxes can be equipped according to your requirements with covered openings enabling material handling or inspection, with windows etc.

The inlet and outlet is adapted to the required dimensions, square or round

Nearly all dimensions are possible.



OSD Material pullers

The OSD material pullers enable material handling in boxes or are used to take samples.

The length of the material puller can be adapted to your requirements.

How to Proceed

If you request an offer or want to purchase an Operating Support Devices (OSD) directly, please contact our department for component and parts as follows

phone: +49 (0) 21 91 / 422 22 64

email: parts@urbamine.de