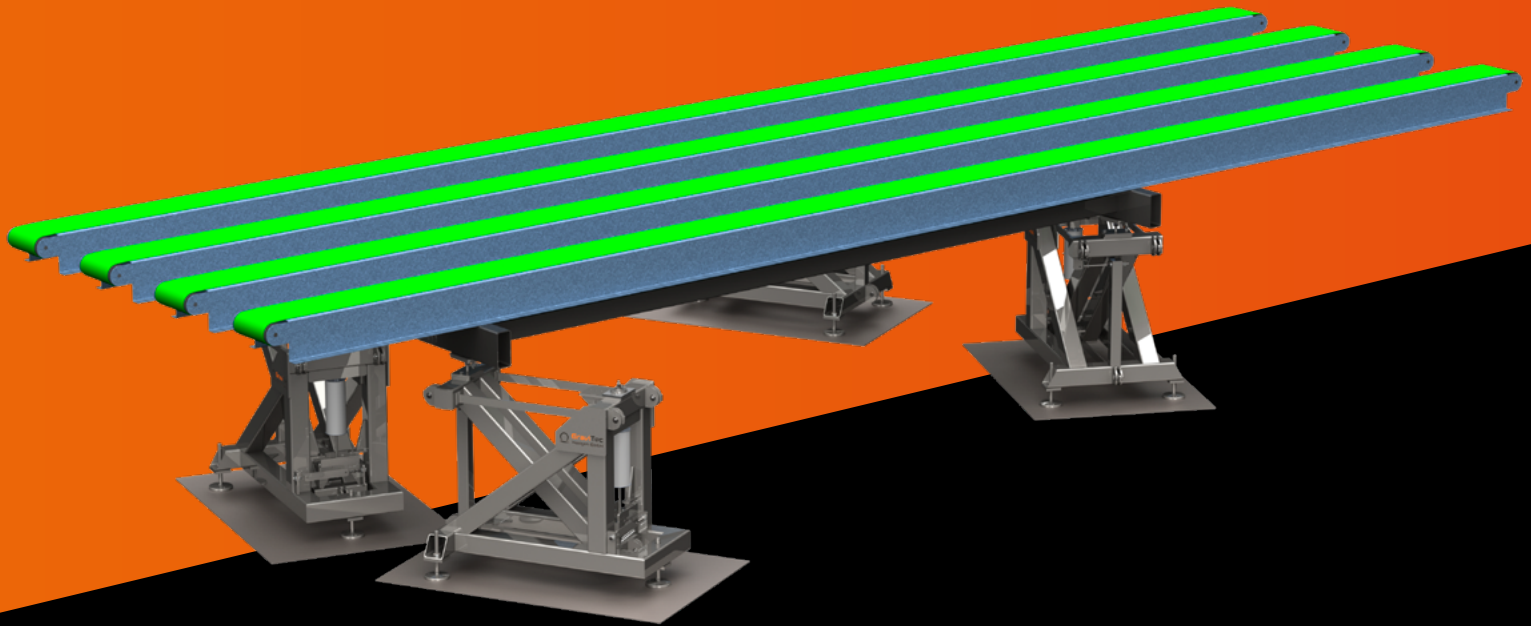


# GraviPak

30 YEARS OF EXPERIENCE



MADE IN GERMANY



## PIECE GOODS SCALE

Robust, precise, reliable and durable: dynamic **weighing, checking, counting of piece goods, panels or boards and packages**

# GraviTec - PIECE GOODS SCALE

We offer the perfect solution for continuous **dynamic weighing of individual piece goods, such as single panels** (plasterboard, chipboard and fibreboard), product packages, containers, pallets, etc.

Highest measuring accuracy, maintenance-free and extreme durability - that is what GraviTec piece goods scales offer you!

Our robust designs can, even as retrofit, be installed in or under almost any belt conveyor. This creates a dynamic weighing module.

The installation is usually carried out directly on the hall floor.

We develop, manufacture and assemble high-precision industrial weighing systems for static as well as dynamic applications. Installation and commissioning on site are offered on request.



## TECHNICAL DATA PIECE GOODS SCALE TYP GP-DMC

ATTRIBUTE	VALUE
Transported media	Gypsum, plaster cardboard and gypsum-fibre boards, chip- and fiberboard, other product packages, containers, pallets, etc.
Load carrier	Weighing unit - DMC (Dynamic Motion Control) version
Measuring range	Min. 10% of the tare load
System accuracy	Up to $\pm 0.15\%$
Measuring section	Depending on the conveyor
Measuring width	Depending on the conveyor (widths can be adjusted on request)
Modul height	Starting from 1,000 mm (upper edge of load carrier)
Overall dimensions (L x W x H)	Project-specific
Weight without packaging	Depending on chosen size and measuring range
Operating voltage	24 V DC
Materials	Stainless steel and coated steel
Sensing element	1 DMS-Load cell per weighing module (standard 4 weighing modules or depending on the weighing task)
Nominal load of sensing element	Depending measuring range
Overload protection	Up to approx. 250 %
I/Os	PROFIBUS®   PROFINET®   Analog output
Supply voltage	230 VAC with conversion to 24 VDC (further options on request)
Operating conditions	Indoor
Transport requirements	General guidelines for normally sensitive machine parts apply
Storage requirements	Dry, indoors

## Function

GraviPak piece goods scale modules of the GP-DMC series are used for weighing individual plate-shaped or other piece goods. The modules are mounted under the existing conveyor and absorb there the forces during the dynamic conveying process.

## Special Features

Thanks to the Directed Motion Control technology, the weighing can be performed dynamically because of to the very short settling times. Without sacrificing accuracy. Thereby the weighing modules can also be retrofitted into an existing conveyor system.

## Your Benefits

In combination with a GT-BC6 the system can, e.g. as a scale for finished plates in the fibre- and chipboard industry, control the manufacturing process from the scattering to the finished plate more precisely. In this way, raw materials can be used optimally and can be saved as a result.

## FIELDS OF APPLICATION

Versatile & compatible

- Plasterboard and fibre-board
- Cement boards
- Other plate-shaped products
- Product packages
- Container
- Pallets

## THE FOLLOWING SIZES ARE AVAILABLE AS STANDARD:

STANDARD SIZES	MODULE HEIGHT	SYSTEM-ACCURACY	DYNAMIC ACCURACY
GP-DMC-10	1.000 mm ± 100 mm	± 0,15 %	up to ± 0,3 %
GP-DMC-15	1.500 mm ± 100 mm	± 0,15 %	up to ± 0,3 %
GP-DMC-20	2.000 mm ± 100 mm	± 0,15 %	up to ± 0,3 %

(all values may vary based on specific implementation and equipping)

# GraviTec

## PIECE GOODS SCALE

An universally applicable **measuring system for accurate, reliable and continuous weighing of individual boards** (Plasterboard, chipboard and fibre-board), Product packages, Container, pallets etc.

### Suitable for various applications

- Quick and easy installation
- Robust, precise and maintenance-free
- Compact and compatible

### Applicable in all areas

- Maintenance-free
- Retrofittable in existing plants

### Versatile strong and scalable

- Continuous weighing without stopping the conveyor
- Individual measuring widths applicable

### Ready to use ex works

- Delivered ready for operation as it is already adjusted in out production plant.
- Installation and commissioning on site without support of external service providers possible

### Special designs

- Individual solutions up to 6 t tare load
- Individual heights possible

**We look forward to receive your requests!**

**NEW:**  
Attractive  
Leasing Offers

## CONTACT

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we will be happy to assist you.**

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