

# One for All...



## BGW-1

Simple installation

calibratable  
class III and IIII



Clamshell grab ...



Log grab ...



Magnetic ...



Wood grab ...

**...the PFREUNDT excavator**  
**weighing system**

 **PFREUNDT®**

# The Pfreundt BGW-1 for excavators and cranes



Our Challenge  
**We weigh  
the world...**

## Universal

The Pfreundt BGW-1 excavator scale can be easily fitted to all types of excavators and cranes. It can be used to weigh scrap, timber, rocks, used glass and paper containers.

Furthermore, it replaces expensive wagon, truck or container scales. Data transmission from the measuring device to the display screen is achieved through either radio or cable.

## Simple and efficient

Weighing on the spot saves time and it makes the use of your means of transport more efficient. By exactly determining the weight moved you will be sure that your customers have confidence in you and that you will be able to produce a transparent basis for billing. In addition, there is scope for completely new applications, such as in contract work.

## Tough and durable

The compact round shape with a low overall height, allows for unlimited freedom of movement of the grab. The device is free from disturbances even under the roughest conditions and it is precise in use.

## Precise in practice

The BGW-1 can be calibrated. The integrated dampening and the arrangement of the joints guarantee high precision. The first calibration is carried out by our technicians.

In its standard version, the BGW-1 is designed for a weighing capacity to 15 t. With weighing capacities ranging to 100 t the BGW is suitable for nearly every type of use.

### Weighing capacity

Capacity 1)	Digital Steps 2)	Calibratable
5 up to 10 t	10 kg... 0,1 t	●
10 up to 20 t	20 kg... 0,2 t	●
20 up to 45 t	50 kg... 0,5 t	●
45 up to 100 t	0,1 t ... 1 t	-

1) Standard weighing capacity to 15 t

2) Depending on calibration class and application.



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## Performance with method:

With the weighing electronics WK 50 you can print delivery notes and invoices right on the spot. Data transmission by radio or memory card to your computer unit makes planning, management and invoicing easy (e.g. with the PFREUNDT MS-Windows compatible software P.O.S.).

## Technical data of WK 50

- Precise, calibratable weighing electronics with night design in modular construction – the compact unit in the driver's cab
- Connection box with calibrating data memory
  - Program-controlled function keys
  - Night design
  - LED-illuminated short-stroke keys
  - Alphanumeric input
  - Graphics-capable LC-display with LED background illumination, 16x40 characters in normal font and graphic user guidance
  - Addition, daily total memory
  - Internal memory for master data
  - 16-bit-technology
  - Integration possibilities for customer-specific programs
  - Data transmission via GSM (optional)
  - GPS link (optional)
  - Interfaces RS 232, 0-20/4-20 mA, CAN-bus, Multi-IO's (optional)
  - Service temperature -20° to +50°C
  - Dimensions 255 x 165 x 120 mm
  - Supply voltage 22-50 V DC

## WK 50 K as WK 50,

- Additionally with integrated read/write unit for contactless memory cards for the storage of master and weighing data and their transmission from and to a data processing unit

## WK 50-printer

- Robust, adaptable printer module
  - 7-needle matrix printer without ink tape
  - Multi-line printer 42 characters/line, approx. 1,25 line/s for all master and weighing data, as well as additional information and company letterhead
  - Automatic weighing card identification
  - Reliable, fixed connection to the electronic device
  - Minimum space requirement, dimensions 85x165x120 mm
- (alternative printers for different paper formats can be connected via serial interface)

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