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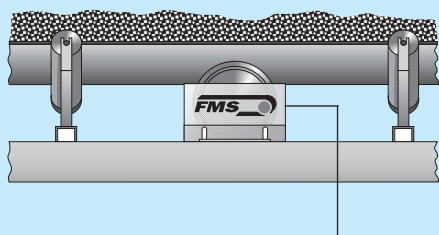
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Belt Scales for Bulk Conveyors

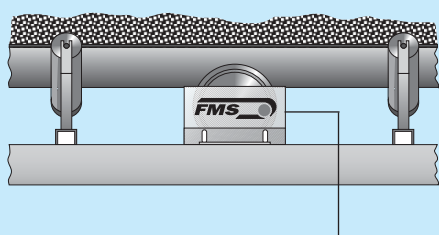


BMGZ 405 plug in unit



This electronic unit offers all relevant functions in an «OEM version» and was specially designed for installation in 19" systems usually communicating with a PC or an PLC. Complete remote control of the belt weigher is possible via a master system.

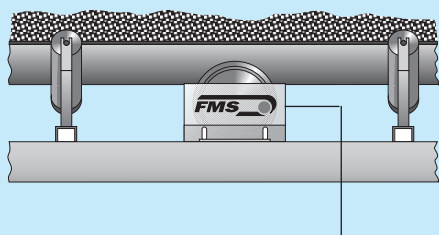
BMGZ 600 universal weighing electronic



4-20 mA
RS 232 etc.

Universal electronic unit for the measurement of daily and total throughput, actual flowrate and belt speed. Various interfaces, such as RS232, analogue outputs, pulse outputs for connection of printer, remote counter or analogue meter. Ready for installation in cabinets or wall-mounting.

BMGZ 600 in a steel cabinet



4-20 mA
RS 232 etc.

This version of the BMGZ 600 is especially suitable for tough working conditions in mobile units such as crushers and screening units. The electronic unit is available as a single or double channel version. As an option, a fitting frame with rubber buffers can be supplied.

Application of FMS Belt Scales for bulk conveyors

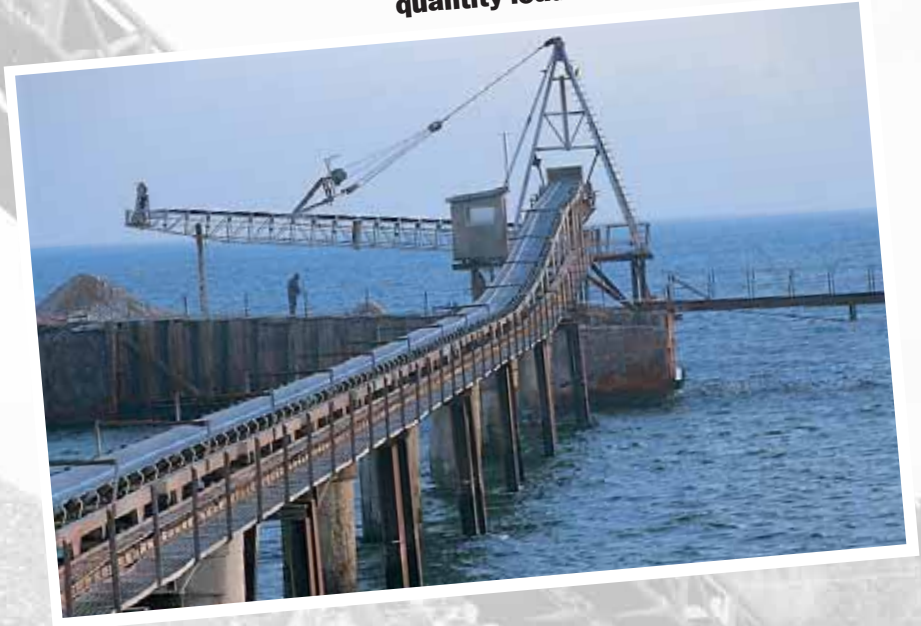
The FMS belt scale weighs every kind of bulk goods, such as gravel, broken stones, chalk, coal, dung or grain.

Owing to its compact dimension and the universal assembling parts which are also delivered, it can be mounted easily without difficulty in nearly every conveyor.

A microprocessor-based electronic unit determines through continuous detection of weight and speed of the belt among other the flowrate and integrates it to calculate the weight on the load and daily throughput.

All FMS belt scales are provided with analog and digital outputs and also a serial interface RS 232 as standard equipment. They are therefore also suitable for applications where materials must be proportionately discharged or controlled and regulated.

Example 1:
Shiploader for gravel and stones.
Capacity 800 t/h.
The FMS belt scale determines the quantity loaded on every ship.

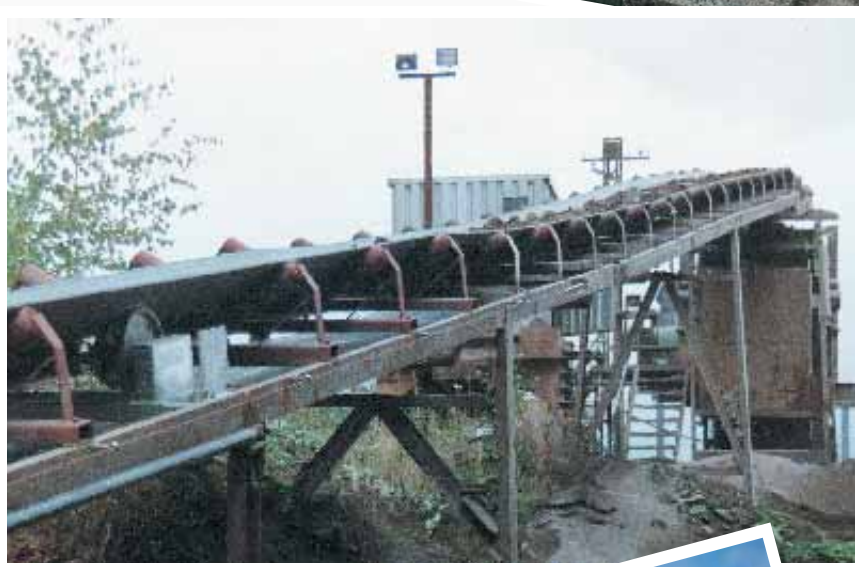


Example 2:
Mobile crusher for reconditioning of rubbish.
Capacity 150 t/h.
A FMS belt scale determines the recycled mass on which the crusher's turnover is based.



Application of FMS Belt Scales

Example 3:
FMS belt weigher
in mobile crusher
for stones.
Capacity 200 t/h.



Example 4:
FMS belt weigher in
discharging conveyor of
a stationary crusher.
Capacity 400 t/h.



Example 5:
FMS belt weigher in a
shiplouder at the Rhein
river. Capacity 700t/h.





Hand printer

For printout of charge and totalizer values.



Remote counter

To display the charge value. The remote counter can be installed up to about 400 m away from the Scale Processor. Reset of the remote counter is possible at the remote counter itself or at the Scale Processor BMGZ400. Optional built in a housing.



Analog instrument

To display the flowrate in tons per hour. According to standards up to 100, 500 and 1200 t/h. Optional built in a housing.