

AGRETO DRIVE-OVER-SCALE – IDEAL FOR AGRICULTURE

Weigh everything that enters and leaves your farm

In agriculture almost all materials such as fertilizer, animal feed, grains, hay, straw etc. are transported by vehicles. Weighing these vehicles is the easiest way to record and check transported quantities.

Automatic weighing while in motion

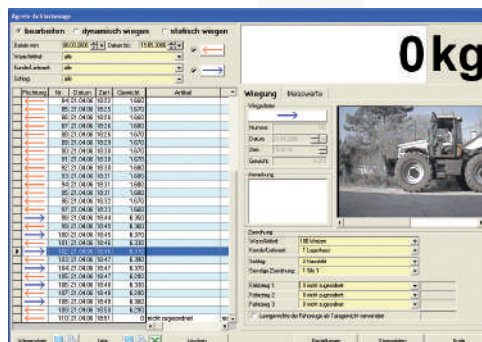
The AGRETO drive-over-scale is the ideal checkweigher for farms. It automatically weighs the axles of various vehicles as they cross the platform. The vehicle's total weight is then calculated automatically.

Unique axle recognition

The AGRETO drive-over-scale's light barrier system identifies tyre size, wheelbase, driving direction and speed. This enables precise weighing of all vehicles, no matter the wheelbase or tyre size.

Simple construction

All that is needed for the AGRETO drive-over-scale, is a concrete shell that is built on-site. The weighing platform will be delivered, either as a prefabricated steel construction, or as a construction kit for a reinforced concrete platform.



Neatly arranged quantity management through PC software.



The drive-over-scale weighs all wheelbases without errors.



The drive-over-scale also weighs large low pressure tyres.



Axle recognition through light barriers.

AGRETO DRIVE-OVER-SCALE – INSTALLATION AND FOUNDATION

Self-built foundation

For the construction of the foundation we supply detailed building instructions and a parts list for all the necessary reinforcement parts. Formwork, reinforcement and concrete need to be organized on-site. Just a little bit of experience is enough for a speedy foundation construction.

The roadway before and after the scale

The approach and exit of the scale are important elements of an accurately weighing drive-over-scale. The roadway on both sides of the scale needs to be paved, straight and level, for the entire vehicle length. We recommend the construction of a concrete slab at least 3 m before and after the weighing platform to prevent negative impacts due to wheel ruts. Eventual longitudinal or cross slopes need to be consistent along both approach and exit, and the weighing platform needs to be constructed with the same slope.

Reinforced concrete platform – the cheapest way of weighing vehicles

Because of the high level of DIY, the costs for this scale can be kept very low. AGRETO supplies the weighbridge as a prefabricated platform. All reinforcement parts, the protective frame, weighing cells and light barriers are already mounted, with cables connected. Only the concrete needs to be poured on-site.



AGRETO DRIVE-OVER-SCALE – ACCESSORIES

LARGE DISPLAY

- Read weighing results from the driver's seat
- Information concerning scale status
- Visualising wireless registration
- Helps with static weighings
- Connection cable to the PC up to 100 m



IMAGE PROCESSING

- Automatically produces images of vehicles
- Live image on the PC
- Vehicle identification
- Photographic proof
- Connection cable to the PC up to 100 m



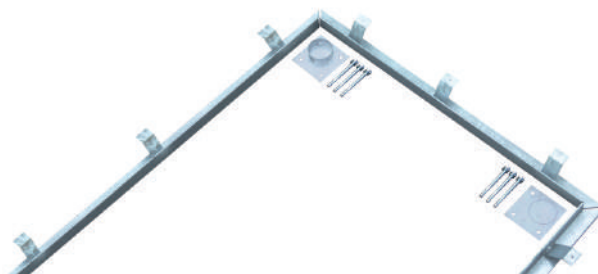
REMOTE CONTROL

- Automatic weighing without tare weighing
- Pre-set information
- Scale activation only for authorised persons
- Connection cable to the PC up to 100 m
- Operation via a 2-key or 12-key wireless transmitter



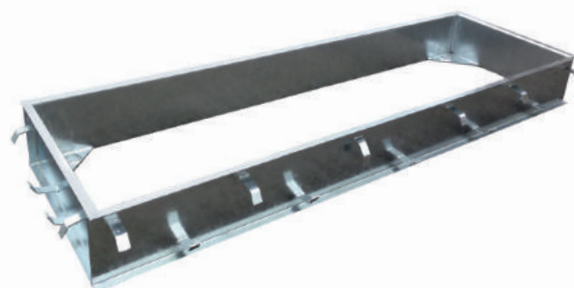
WEIGHING PLATFORM INSTALLATION KIT

- Protective frame for the foundation
- Contact plates
- Mounting materials



WEIGHING PLATFORM MOUNTING FRAME

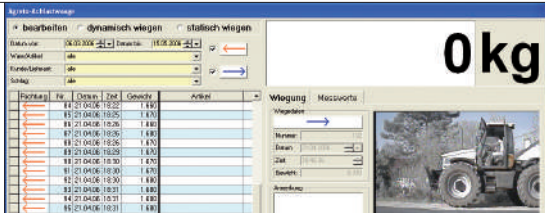

- Robust, galvanized steel frame
- Integrated load cell bearings
- Makes foundation construction easier
- Protects the foundation's concrete edge



AGRETO DRIVE-OVER-SCALE – PLATFORM VERSIONS

Platform version			
	Prefabricated steel platform		Pre-assembled construction kit for a platform, using on-site concrete
Platform size	3.2 x 1.0 m	3.4 x 1.0 m	3.4 x 1.0 m
Inner dimensions foundation	3.22 x 1.02 x 0.28 m	3.42 x 1.02 x 0.28 m	3.42 x 1.02 x 0.35 m
Platform weight	approx. 650 kg		approx. 2,800 kg (concrete included)
Weighing cells	4 x 10 t		4 x 10 t
Maximum axle load	15 t		20 t

AGRETO DRIVE-OVER-SCALE – CONTROL VERSIONS

Control version		
	PC software	Weighing terminal
Range of application	Professional weighing data management	Standard applications
Functions	Dynamic, static, manual weighing / master data management / weighing data management with quality control / generating weighing notes and lists	Dynamic and static weighing / displaying axle and vehicle weights / printing weighing protocols
Suitable accessories	Large display / printer / image processing / remote control / traffic light	Large display / printer