

ALYA

electronic scales
and control systems

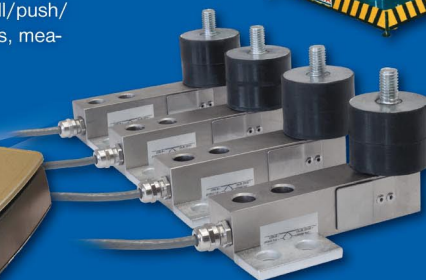


ALYA

Founded in Poprad, Slovakia in 1991 ALYA corporation is an established provider and manufacturer of electronic scales and control systems on several European markets for over 20 years. Its industrial scales, dosing and control systems were installed for clients in Slovakia, Czech Republic, Hungary, Poland, Russia, Ukraine, Montenegro, Moldavia, Turkey, Ethiopia and other countries. Currently, various ALYA weighing products and systems serve in many industries - machine industry, metallurgy, agriculture, concrete plants, glass fibre production, hospitals, tire manufacturing, milk industry, chemical factories, etc.



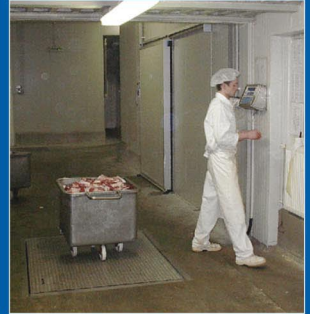
- Development, manufacturing and sales of electronic industrial scales and weighing systems.
- Multi-component weighing systems, recipe weighing and different batching systems with database processing.
- Visual systems for control and monitoring of complete manufacturing processes.
- Various testing systems visualised and controlled by PC with recording and print of all measured datas.
- Atypical measuring applications, such as for pull/push/impact/destructing forces, search of deformations, measuring and control of torque



- Sale of load cells and their accessories.
- Sale of table scales and laboratory scales.
- After-sale service, repairs, calibrating and maintenance, for scales of other brands as well.
- ALYA also provides classic machine production and engineering from own producing halls, electronic services, etc.



Industrial scales and weighing systems



- Platform scales and various weighing technologies of different kinds and parameters with capacities of up to 120 tons.
- Weighing and batching stations for loose and liquid substances, operated manually or automatically



- Platform scales
- Floor scales
- Aerial scales
- Charging and summing scales
- Multi-component batching scales
- Big-bag fillers
- IBC container fillers
- Canister fillers



- Scale features, sizes and parameters can be modified according to clients' requirements.
- ALYA's products are mainly steel made or stainless made as heavy duty versions.
- ALYA scales comply with European legislation, certification and standard STN EN 450501. They can be calibrated for technological purposes or approved as trade measures.



If required, ALYA scales can be delivered with other subsets and appropriate accessories such as material containers and tanks, operating platforms, batching auger, transporting belt, sewing machines for sacks, PC set, various printers, labellers, bar code scanners, etc.



Truck and axle scales



Axle scale ALYA-NVA-AV 750x3000 mm, 15 tons / 5 kg

- weighing bridges in lengths of 6 to 18 m with OIML certified stainless loadcells C3
- usual load capacity up to 30 tons/10 kg, evtl. 40-60 tons /20 kg
- suitable for metrology approval III STN EN 45 501, if required

- various modular bridges made of steel or concrete
- can be delivered as above-surface version with two ramps - laid on the ground; or as pit version - sunken in driveway

All ALYA truck scales can be enhanced with many accessories such as remote external displays, weighing software, PC set with printer, signal lights, driving barriers, etc.

ALYA batching and control systems for concrete plants

The software interface displays a flow diagram of a concrete batching plant with various hoppers and mixers. It includes a material list table and a recipe summary.

Material	PV [kg]	SV [kg]
8 - 16 Kamenivo GECA		
4 - 8 Kamenivo GECA		
0 - 4 Kamenivo GECA		
BETOFIUID		
Voda	P	
Cement III/A 32.5		
Voda	P	
Voda		

Start : 26.10.98 08:19:00
 Výrobná kalkulácia : 2 / 1998
 Receptúra : B - 10
 Veľkosť dávky : 2 / 2
 Výrobné množstvo : 3212 / 3852 kg
 Miešanie : nefc.



- recipe batching technologies for gravel, cement, sand and water
- dosing devices for chemical additives and liquid dyes
- semi-automatic or fully automatic ALYA control systems for concrete mixtures production



Atypical measuring and specialty control devices ALYA



laser measuring and check weighing of textile rolls



calibration dosing

Special ALYA control sets and devices are developed, and made according to customer's wishes and requirements. They can operate independently or be connected to superior control systems of a plant. ALYA's custom made software applications which control, visualise and record complete measuring processes can be installed to clients' PCs and notebooks if required.



examples of ALYA test kits for bending strength and tensile forces



- different ALYA testing sets for bend, push/pull and destructing forces with automatic record and database processing in PC or notebook
- check and control systems for monitoring and temperature/pressure regulation, check and control of heating/cooling processes, forwarding routes and whole manufacture procedures
- special custom made ALYA kits for measuring various physical properties (such as size, torque, temperature, pressure, etc.) are developed and manufactured according to client specifications



Specialty measuring and dosing modes



Weighing indicators and control units

Programmable weighing indicator ALYA 3BR

Panelboard version intended for integration into control boxes. Supply voltage 24V DC, IN/OUT card 12DI/16DO. Analog output 4-20 mA, resp. 0-10V. Protection level IP54. Standard features /zero setting, manual or automatic tare, brutto-netto weighing. It is features software programs for collecting and processing data such as batching, multi-component dosing, summing, big-bag filling, etc. Wide range of other accessories - optional interfaces RS 232, RS 422/485, Ethernet, etc



Programmable weighing indicator ALYA BF/BL

- type ALYA BF / fluorescent display, numeric keyboard
- type ALYA BL //grafical LCD display with alpha-numeric keyboard

Built-in high resistant plastic box, delivered as panelboard or solo version. Standard features /zero setting, manual or automatic tare, brutto-netto weighing / supply 230V/50Hz, IN/OUT card 12DI/16DO. Analog output 4-20 mA resp 0-10V, wide

range of other accessories - featuring different software programs - for data collecting, data transfers, batching, filling, dosing programs, multi-component weighing, etc. Optional interfaces RS 232, RS 422/485, Ethernet, Profibus,



Electronic weighing indicator VT 200

For heavy duty work conditions, stainless steel box, IP 65 protection. 4 standard features - zero setting, manual or automatic tare, brutto-netto weighing 2 adjustable (switched) outputs, an option to connect a printer. Interface RS 232, supply voltage by 230V/50Hz or (optional) by DC adaptor. Wide accessory line - interface RS 485, the second A/D transducer, time clock modul, diverse analog outputs 4-20 mA, 0-10 V, etc.

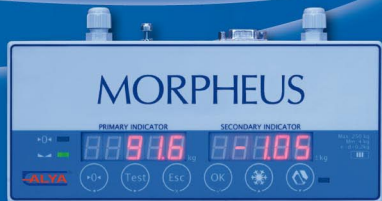


Weighing terminals ALYA SVT

Made of steel or stainless materials, with integrated weighing indicators, power section, printers, labellers or bar code scanners, if required. Optional indoor or outdoor version with regulated heating. Box design, signalisation and operating elements are made according to client requirements.

Programmable weighing indicator ALYA MF

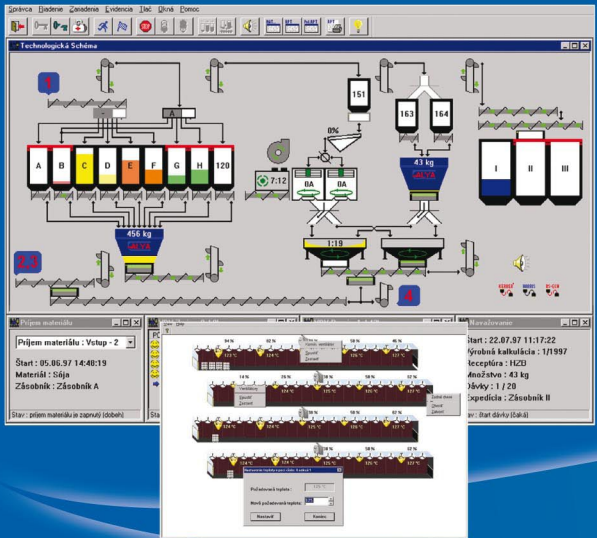
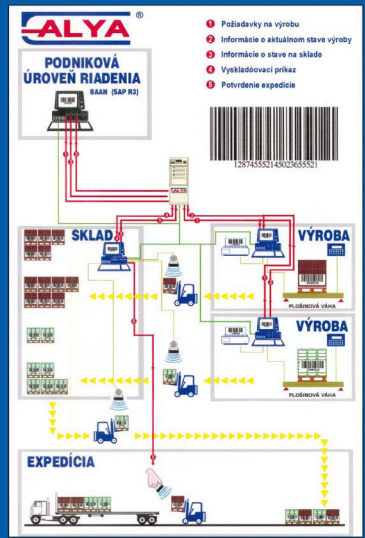
Intended for special measuring applications (health care, sport, branche, at diverse laboratories and test institutes, ...). Indicator has two separate fluorescent displays. Software programs for several operating modes (monitoring and recording of limit values). Automatical database processing and data collecting, hospital bed weighing, etc. Optional interfaces RS 232, RS 422/485, Ethernet, etc..





ALYA control systems

ALYA control systems are for visualisation, monitoring and controlling of complete production lines, stocking or forwarding processes or their subsets, etc. They are usually connected to a superior informing systems.



ALYA maintenance services

Beside maintenance services of a complete line of Alya products we also offer after market maintenance and calibration for weighing technologies from other manufacturers.

ALYA production halls

Alongside the standard line of ALYA weighing products we also offer classic machine product programs, engineering works, electric and electronic services from our own ALYA workshops and manufacture halls.





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ALYA corporation is legally authorized for repairs, maintenance and installation of weighing instruments with automatic and non-automatic operation.



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