



## INDUSTRIAL AUTOMATION

Control systems, measurement and regulation, drives and heavy current for machinery and technological units

We provide services and solutions for industrial automation. We successfully develop this branch thanks to our strong technological background, know-how and the activities of other VÍTKOVICE MACHINERY GROUP companies, particularly in areas of heavy industries such as power engineering, metallurgy, mining and raw materials processing. The team is involved in all phases of the project. From preparatory studies through detail design, creation of application software, installation, putting into operation and hot-line service.

### SOLUTION

- control systems
- SCADA systems
- monitoring and diagnostic systems
- measurement and control (sensors, transducers, actuators, drives)
- switchgear, cabling, network



### INDUSTRIAL BRANCHES

#### Power engineering

- boilers, cogeneration units
- heat exchanger station
- production of cold
- demineralization station
- power, circulating station
- gas, black oil economy
- transportation fuels, slag, ash
- desulphurization, dust, NOx reduction
- environmental monitoring

#### Metalurgy

- steelworks
- electric arc furnace
- ladle furnace
- continuous casting
- dedusting
- rolling mills
- sub technology
- coking
- operating vehicles coke batteries

#### Mining, transport, processing of raw materials

- excavators
- loaders
- dropping cars
- telpher
- sorting
- grinding
- milling

### VÍTKOVICE IT SOLUTIONS a.s.

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# REFERENCES

VÍTKOVICE IT SOLUTIONS participated or are currently participating in the following projects in the field of industrial automation:

- Yunus Emre 2 x 145 MW Coal Fired Power Plant, Turkey - PS 09 Ash Handling
- Yunus Emre 2 x 145 MW Coal Fired Power Plant, Turkey - PS 12 Pumping System
- Yunus Emre 2 x 145 MW Coal Fired Power Plant, Turkey - PS 16 Auxilliary Cooling System
- Wah Brass Mills – Rolling mill plant Cu and Cu alloys, Pakistan – Rolling mill DUO 710 x 900 mm
- Wah Brass Mills – Rolling mill plant Cu and Cu alloys, Pakistan – Milling line
- Wah Brass Mills – Rolling mill plant Cu and Cu alloys, Pakistan – Top loaders
- Wah Brass Mills – Rolling mill plant Cu and Cu alloys, Pakistan – Stepping and pusher furnace
- Wah Brass Mills – Rolling mill plant Cu and Cu alloys, Pakistan – Helpdesk
- Arcelor Mittal Ostrava – Coking Plant, Information system for production control
- Oztas, Turkey – Raking machine MBSk 600
- Power Plant Ostrava Dětmárovice – Reduce NOx emissions of units No.3 and No.4
- Vítkovice Heavy Machinery – Dedusting of steelworks
- Arcelor Mittal Ostrava – Increased performance of furnace



*Yunus Emre - Turkey*

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