

Biomass and alternative fuel

**Complex solution for
transport and storage**

- delivery of machines and industry automation technologies
 - cranes, manipulators, stackers
 - production lines, conveyors
 - manufacturing process automation
 - crane and machine control seats
 - grabs
- site: Libčany near Hradec Králové



- design, manufacturing and installation of biomass and alternative fuel related technologies
 - cranes
 - manipulators
 - conveyors
- materials
 - wood chips
 - sawdust
 - cortex
 - straw
 - waste, plastics, tyres etc.
 - bulk materials, stones
 - limestone, gypsum etc.

Standard SIMO delivery contains for **USER COMFORT:**

- **Low CO₂ emissions**
- **Low noise** (c. **75 dB** in standard)
- **High safety** of working area
- High safety of fuel inbound area
- Touchscreen display – comfort for control and maintenance
- Possibility of control from different places
- Electronics installed out of the crane
- Logistics of material, flexible storage layout
- Controlled mixing of material



Cement mill – SRF manipulator



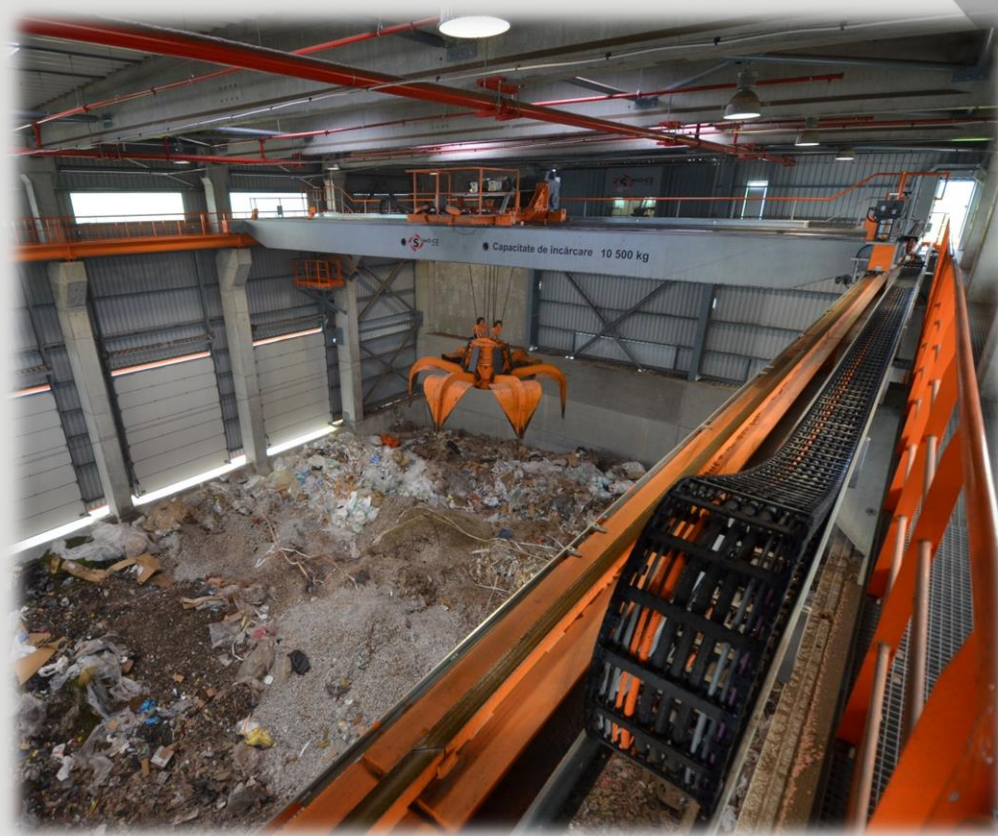
Beli Izvorsky Cement – HOLCIM BG



Alternative fuel

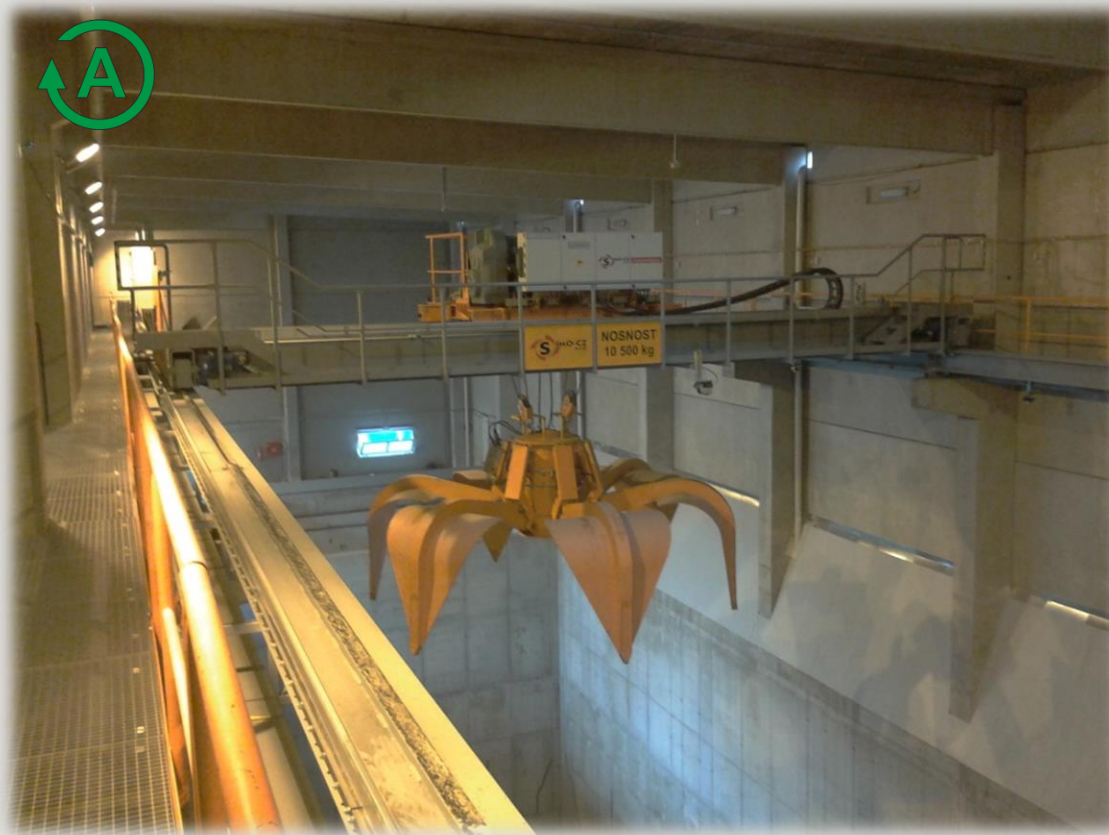


Ecovalor - HOLCIM Romania



Cement mill – SRF manipulator

Ecorec Česko – CEMEX Prachovice



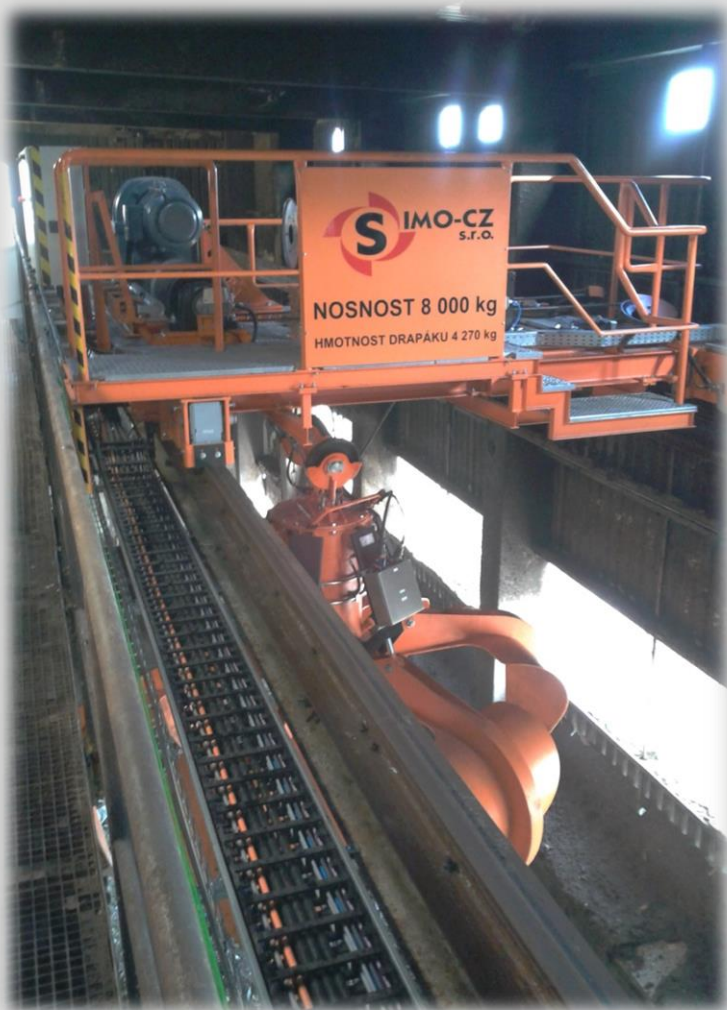
Cement mill – SRF manipulator



HOLCIM Rohožník I



Cement mill – SRF manipulator



HOLCIM Rohožník II



Alternative fuel

 Cement Hranice a.s. – SRF storage turn-key delivery incl. technology





Schenck Process s.r.o. – TITAN Cement Alexandria Egypt





BEUMER Czech Republic – DENIZLI Cimento Turkey



Bulk material, stones



Lovochemie Lovosice a.s. - limestone



Bulk material, stones

 Povážská Cementáreň Ladce – cement materials



Boiler house manipulator

Kašperské Hory City



Boiler house manipulator



Žatecká teplárenská a.s.



Fuel storage

DALKIA
Sviadnov



Fuel storage

KOMTERM
Kopřivnice



Bio power plant – fuel storage

ČEZ - Jindřichův Hradec - Otín



Conveyors – straw bales

ČEZ - Jindřichův Hradec - Otín



Bio power plant - phytomass



EC Kutná Hora 1





EC Kutná Hora 1



Bio power plant - phytomass



EC Kutná Hora 2



Fertilizer storage

Lovochemie Lovosice

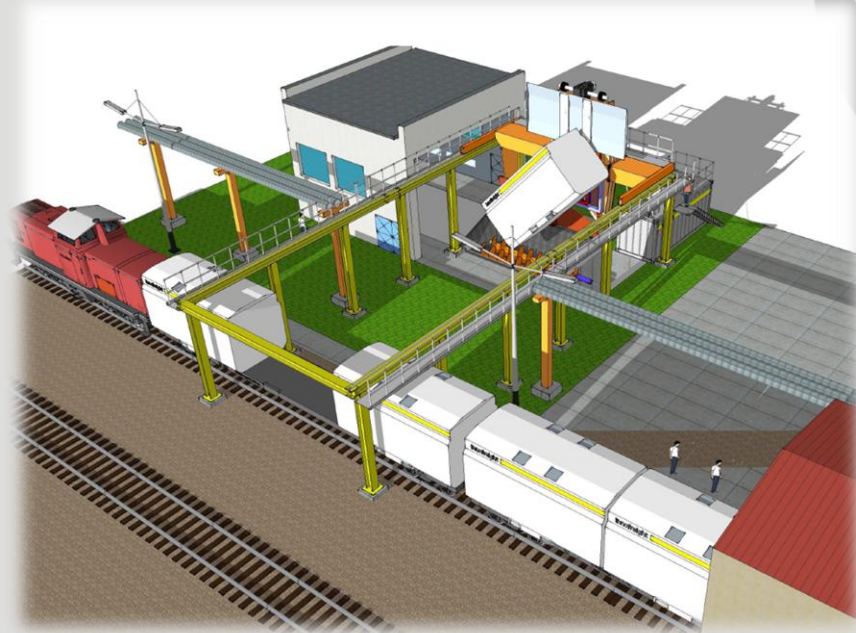
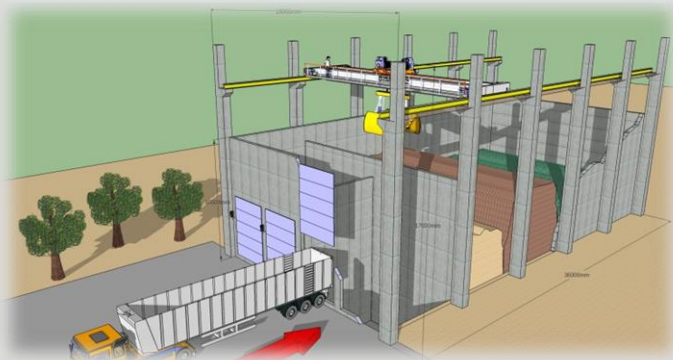


Control rooms and stations



Manufacturing, assembly





References

- ArcelorMittal a.s., Ostrava
- BEUMER Czech Republic
- BFS Energo a.s.
- ČEZ a.s.
- Cement Hranice a.s.
- DALKIA Česká republika a.s.
- ecorec Česko
- EKOL Brno s.r.o.
- EVČ s.r.o. Pardubice
- EVRAZ Vítkovice Steel a.s., Ostrava
- Goldbeck Prefabeton s.r.o.
- Holcim (SK, BG, RO)
- Komterm a.s.
- Královopolská RIA a.s.
- Lovochemie a.s., Lovosice
- Město Kašperské Hory
- Pilsen Steel s.r.o., Plzeň
- Povážská Cementáreň a.s. Ladce
- Saint - Gobain Isover CZ, s.r.o.
- Semperflex Optimit s.r.o. Odry
- Schenck Process s.r.o.
- Škoda Auto a.s., Mladá Boleslav
- Ško-Energo s.r.o., Mladá Boleslav
- TENZA a.s., Brno
- Třinecké železářny a.s.
- U.S. Steel Košice, s.r.o.
- Vítkovice Machinery a.s.
- Žatecká teplárenská a.s.

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