Coke Production from Experienced Coke Oven Designers

Technologies for Modern Coke Oven Plants Proven by Numerous References
Three Experienced Partners Combine their Know-How into Modern Coke Oven Solutions

Coke Battery Construction

Battery optimisation & regulation

Coke Battery Cars & Machines

Modern & Reliable Coke Battery

Chemical By Products Plant

Electrics & Automation Systems
Coke Oven Batteries
as a Modular Kit for Green Field Projects or Modernizations

COKE OVEN BATTERIES
- Complex designing of Coke oven batteries including refractory
  Top charged
  Stamp charged
  Heat recovery
- Engineering, supply, commissioning of batteries, EPC contracts
- Modernizing of existing batteries & battery accessories
- Cold and hot repairs, general battery revamping
- Batteries commissioning & heating-up
- Battery anchoring regulation and adjustment
- Technology and thermal audits, technical expertise
- Optimisation and regulation of battery operation
- Solution for environmental improvement of batteries, dedusting, NO\textsubscript{x} reduction

BY PRODUCT PLANTS
- Complex solution for coke oven gas treatment & flushing liquor treatment
  - flushing liquor dettaring and quality tar production
  - coke oven gas cooling and transport
  - ammonia removal
  - sulphur removal from gas, production of pure sulphur or ammonia sulphate
  - benzol and naphthalene removal and recovery
- Engineering, supply, commissioning, EPC contracts
- Biological waste water treatment plants
- Solution for by-product plant improvements and optimisation
- Gas sealing system proposal and implementation
- By-product plant audits
- Techno-economical studies

COKE OVEN PLANT AUXILIARY UNITS
- Coal charge preparation
- Quenching tower improvements and modernisation, quenching dust reduction

Over 60 Years in Designing & Building Coke Oven Plants
Coke Oven Batteries as a Modular Kit for Green Field Projects or Modernizations

COKE OVEN BATTERY CARS AND MACHINES
- Machines and equipment for top charging and stamped charging operation
  Stamping, charging and pushing cars
  Coke guiding cars
  Transfer cars
  Charging cars
- Coal storage equipments incl. transport, grinding, sorting, mixing
- Machines for bulk handling operations
  Scrapers
  Gantry belt stackers & gantry bucket-chain reclaimers
  Bucket wheel stackers and reclaimers
  Grab cranes

ELETICAL & AUTOMATION EQUIPMENTS
- Motor and drive systems
- Automation systems and control pulpits
- Measuring and regulation equipments
- Manufacturing execution systems
- Cabling and erection

WE OFFER COMPLETE SOLUTIONS INCLUDING:
  Basic and detail design
  Manufacturing drawings
  Project management
  Delivery and site erection
  Supervision and commissioning
  After sale services
  Inspections

HUTNÍ PROJEKT Frýdek-Místek a.s.
Czech Republic s.r.o.
28. října 1495
738 01 Frýdek-Místek
Czech Republic
Phone: +420 558 877 210
Email: hfpm@hpfm.cz

DALSELV DESIGN a.s.
Slévárenská 403/11
709 00 Ostrava
Czech Republic
Phone: +420 596 633 121
Email: info@d-design.cz

Primets Technologies
28. října 2663/150
702 00 Ostrava
Czech Republic
Phone: +420 597 400 660
Email: info.cz@primetals.com