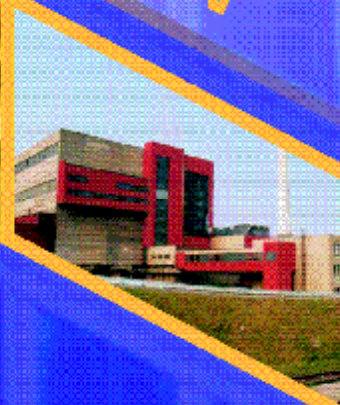


COMPLETE DESIGNING ACTIVITIES
AND ENGINEERING CONSTRUCTION
IN INVESTMENT CONSTRUCTION



HPKengineering a.s.

Present stage

HPK engineering a. s. is designing and engineering organisation with 58 - year - tradition in the area of designing. The company presents designing and engineering activity in the investment construction for the various areas. The advantages of company opposite to other design companies are: long - term tradition, special background, and long - term stability and prosperity of the company

About changing of the initial commercial name Hutný projekt Košice a. s. on the new commercial name HPK engineering a. s. was decided at annual general meeting in May 2004 with force of this statement since 1st. August, 2004. One of targets of company' s management is establishment at long-term achievements of company Hutný projekt Košice a.s. and under new commercial name HPK engineering a. s. achieves increase of its share at the market of the designing works not only in Slovakia but also in the market of European Union and in the countries of the third world.

HPK engineering a.s. still spreads and improves the facilities of the workstations with computer techniques by reason of fulfilment of demanding requirements of clients and at the same time HPK engineering a.s. increases its requirements for expertness and foreign language knowledge at its designers. The company obtained the certificate of quality control according to standard ISO 9001 from the company SGS in year 2001. The company was re- certified according to standard ISO 9001:2000 in year 2003.

Tradition, performance efficiency, prosperity

HPK engineering a.s. was founded on 10th. November, 1958 as designing section on the Bratislava branch of Hutný projekt Praha. Since 1st. January, 1961 it had become the plant of Hutný projekt Praha. On 1st. January, 1970 the independent enterprise under commercial name Hutný projekt Košice was established. Hutný projekt Košice was transformed from the state owned enterprise to the join stock company on 1st. May, 1992 and the entire company was transferred to the private property.

The company was established in relation to the construction of VSŽ Košice, and the company assured subsequently the territorial co-ordination of industrial plants of the region (Vihorlat Snina, Vagónka Poprad, VSS Košice, MEZ Michalovce, ĚKD Šariš). The main scope of the activity of the company is aimed at technical assistance during preliminary project preparation, designing and engineering activities. Composition, many years' professional experiences , and education of the management have allowed to realise the constructions such as : Production of Cu wires in Kovohuty Krompachy, Mölnlycke Gemerská Hôrka.

Our predominant business partner have become the foreign companies in the new accrued industrial parks. HPK engineering a.s. has participated in the realisation of constructions such as U. S. Steel Košice, s. r. o. (American investor) - Cutting line No. 15 and No. 16, Tinning line, Vojany - New cooling tower for blocs No. K5, No. K6, No. EVO 1, Molex Slovakia a.s. (American investor) in Kechnec - Connector systems production I, Plastic Omnium (French investor) in Lozorno - Plastics' production for cars and others.

Management of the company

Board of Management

Ing. Štefan Šulek
Ing. Vladimír Tóth

Chairman of the Board of Management
Member

Board of Supervision

Ing. Milan Sládeček
Ing. Ján Guttek
Ing. Peter Petrik

Chairman of the Board of Supervision
Member
Member

Management of the company

Ing. Štefan Šulek

Managing Director

Ing. Mikuláš Vaš

Director of Design Division

Ing. Ján Guttek

Director of Economy Division

Address, Contacts

Name of the company : **HPK engineering, a.s.**

Residence of the company : Nì mcovej 30, 042 18 Košice

Business identification No (OIN) : 00002313

Tax identification number (TRN) : 2020480748

VAT identification number : SK 2020480748

Management of the company :

Ing. Štefan ŠULEK - Chairman of the Board of Management and Managing Director

Ing. Mikuláš ¼AŠ - Director of Design Division

Ing. Ján GUTTEK - Director of Economy Division, Member of the Board of Supervision

Contacts :

Phone : 00421 (0)55 670 73 00, 00421 (0)55 670 71 11

Fax : 00421 (0)55 633 70 54

E-mail : hpke@hpke.sk, projekcia@hpke.sk

Http : www.hpke.sk

Contact person :

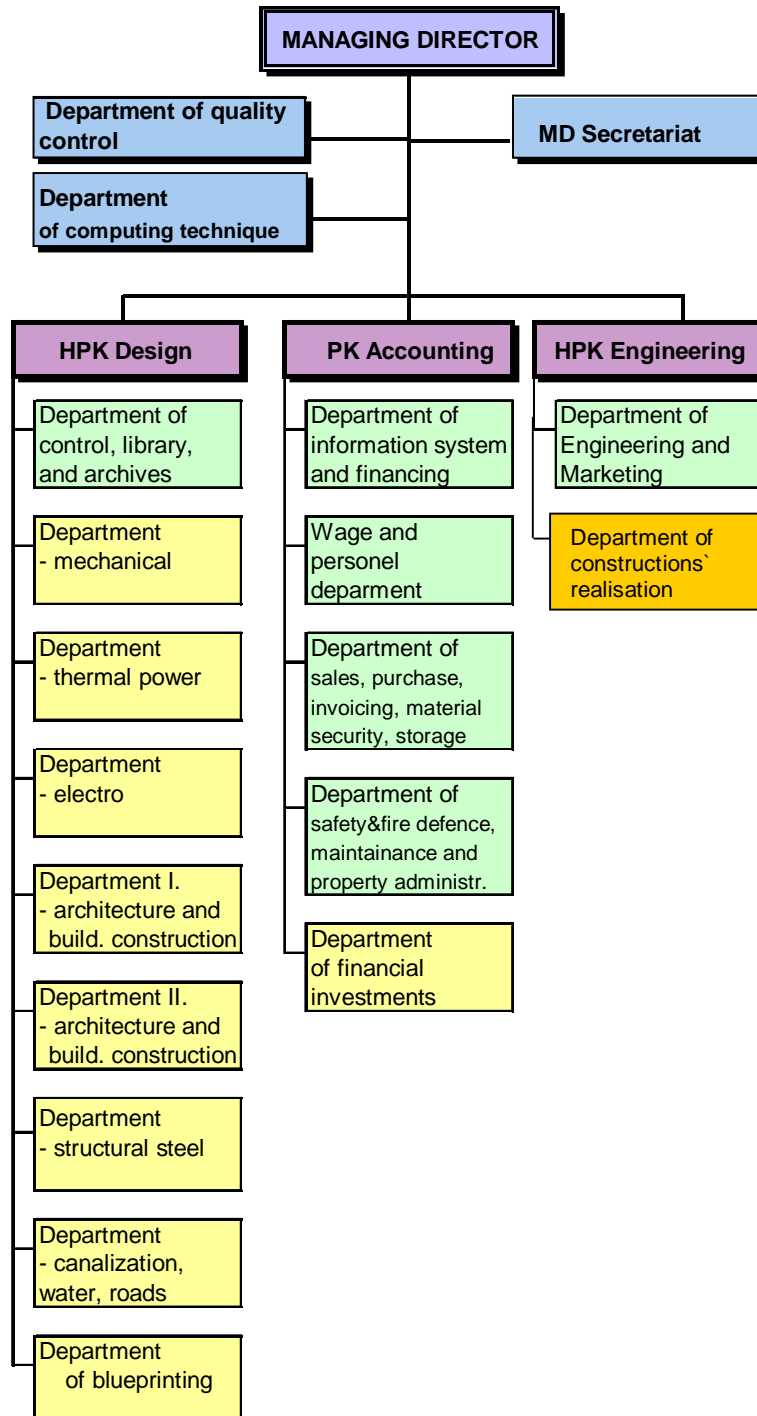
Commercial Department :

Ing. Helena Šimková (she can speak English) :

Phone : 00421 (0)55 670 73 50

E-mail : simkova@hpke.sk

Organizational structure



Staff background

HPK engineering a. s. is divided into the following sections by reason of provision of its activities :

Managing Direction

HPK Design

HPK Engineering

HPK Economy

From the total number of 24 employees, 15 employees are designers of all professions necessary for complex development of the documentation for all types of constructions.

Portion of the employees is maintained according to age and practice so to keep proportionally of all categories, and thereat HPK engineering a. s. also employs pensioners and graduates.

Technical and software equipment

The working places are equipped with 3 (three) PS IBM RS 6000 and 56 computers incl. the following programs:

- ✚ *for development of the project documentation CATIA Solution, AUTOCAD R 13, AUTOCAD R 14 + occupational super-structure, AUTOCAD 2002, AUTOCAD 2004*
- ✚ *for development of the electric project documentation EL CAD*
- ✚ *for static calculations of steel and concrete constructions STTAD III PC - E, IDA - PRIMA, IDA NEXIS, FEAT*
- ✚ *for development of layout (drawings) KOKES/W version 3*
- ✚ *for designing of building constructions ALL PLAN FT (NEMETSCHEK)*
- ✚ *CENKROS*

The joint - stock company has the complete equipment for printing works (OCE 9700) incl. colour plotting.

Catia Solution :

- ✚ *is a program system aimed at designing and construction control as well as at operation of extensive technological processes*
- ✚ *is a source for automated documentation design including isometric drawings of pipe manifolds, perspective or axonometric views, as well as comprehensive bills of materials*
- ✚ *allows even in designing stage to avoid spatial collisions between individual professions or within the same profession*
- ✚ *ensures that any change in the project will be immediately projected into the output documentation, which practically eliminates any discrepancy between individual parts of the documentation*

Use of standards and regulations :

In our designing practice, we fill requirements of the customer taking into account the existing legislation and valid standards. Within the process of harmonisation of our legislation and standards with international standards, we use STN, CSN, DIN, ISO and EN standards, respectively.

The updating and completion of standards, regulations and literature are assured by the department of technical-economic information.

Subject of activity, offer of services

HPK engineering a. s. provides complete designing and engineering activities in the investment construction in the following fields:

- ✚ *METALLURGICAL INDUSTRY*
- ✚ *MECHANICAL INDUSTRY*
- ✚ *POWER ENGINEERING INDUSTRY*
- ✚ *ECOLOGY*
- ✚ *BUILDING INDUSTRY*
- ✚ *GAS INDUSTRY*
- ✚ *PUBLIC UTILITIES*

· Designing

We develop:

- ✚ project documentation for zoning and planning decision (for environmental decision);
- ✚ project documentation for building permit;
- ✚ project documentation for execution (implementation or realization);

We design:

- ✚ complete new constructions, reconstruction and modernization of plants;
- ✚ the documentation is established in comprehensive way for both technological and civil works included all required professions. All required professions are made by our employees;
- ✚ We develop also separate projects of professions (roads, distribution of water and canalization, electrical distribution, transformer and distribution station, gas distribution, central heating, air- conditioning, steel constructions, and etc.);
- ✚ We develop the documentation of the projects as-built state;
- ✚ We carry out the supervision during the realisation of construction

· Engineering activities in construction

- ✚ We provide the complete services during building - up of investment units from placing the purchase orders up to the commissioning.
- ✚ We offer co-operation at preparation and implementation of the investment actions. Our offer includes comprehensive services at the first stage, i. e. provision of development of the project for building permit, obtaining building permit, provision of development of implementing documentation, provision of all engineering geological and topographical explorations.
- ✚ At the stage of implementation of the construction work we can organize the selection of suppliers, during building-up of the construction we make the technical supervision of the investor.

We offer the following investor's activities :

- ✚ Discussion of the documentation for the planning and zoning proceeding with the involved authorities of state administration, organizations and physical persons for the sake of commencement of the planning and zoning proceeding and elaboration of the proposal for commencement of the planning and zoning proceeding;
- ✚ Discussion of the project submitted for the building proceeding with the involved authorities of the state administration, organizations and physical persons for purpose of commencement of the building proceeding, elaboration of the proposal for commencement of the building proceeding and complete arrangement for the building permit;
- ✚ Preparation of documents for selection of contractors for the construction;
- ✚ Performance of clerk of works in accordance with the guidelines and practices valid in the Slovak Republic;
- ✚ Conducting activities of the senior surveyor of the site;
- ✚ Conducting activities associated with the construction quality control and elaboration of the documentation for the quality control;
- ✚ Acceptance of deliveries and jobs by the employer from the contractor including participation in such an acceptance;
- ✚ Preparation of the photo documentation from construction progress;
- ✚ Participation in individual testing and comprehensive tests;
- ✚ Participation in trial operation;
- ✚ Removal of apparent defects and shortcomings specified in the records on acceptance of deliveries including the requirements arising from the practical completion proceeding;
- ✚ Organizational assurance of the practical completion proceeding and issuance of the certificate of practical completion, or permission for temporary use of the plant.

We offer the complete delivery of the construction works.

• We provide reproduction services

According to the customer requirements, we perform copying and binding services. Blueprinting is done by the new electric graphical digital machine OCE 9700.

Engineering activity in construction and deliveries of construction works

HPK engineering a. s. has provided the engineering activities for majority constructions in the before mentioned table.

In the following table we present the constructions, where we have provided the complete engineering activities or we realised the complete delivery of construction works (delivery on "turn-key").

Construction work	Value of the work
* - Kovohuty Krompachy - Production plant for Cu wires	7 302 662,00 €
* - Extension of HZV Gemerská Hôrka	3 352 586,00 €
- Large-scale capacity reservoir – double bottom, Slovnaft branch plant Košice	
- AT5 Siemens – Warehousing	
- Furniture factory, Sabinov and Kráľovský Chlmec	
- Plant for production of switchboards and of electronics, Košice	3 352 586,00 €
- Research Institute for Communication Engineering, Košice	11 983 005,00 €
- Plant for production of boilers and containers for chemical treatment of water, Prešov	
- Construction of refuse incinerating plant for the city of Košice	
- Construction of warehouses, Siemens Michalovce	
- Molex Slovakia – Connector Systems Production	11 617 871,00 €
* - Plastic Omnium – Production of plastics for cars	29 874 527,00 €
* - Dong Hee Slovakia – Extension of the plant in Srečno	9 725 818,00 €
* - Bourbon Fabi SK – Building-up of storage and cloakrooms	730 266,00 €

Works marked * *where we have realised them on the "turn-key"*

Reference constructions for the last 26 years

No	Place	Year of construction.	Type of construction, action
1	Poprad	1989	Plant for manufacturing of freight – cars and axles, 12 000 pieces/year
2	Michalovce	1990	Plant for manufacturing of asynchronous electric motors
3	Košice	1992	Research Institute for Communication Technology
4	Košice	1992	Waste-heat boilers behind the push furnaces-use of waste eat
5	Košice	1992	VSŽ a.s. – Sintering of rollers
6	Košice	1992	Tennis double-hall, comprehensive solution of the training cycle
7	Krompachy	1993	Kovohuty Krompachy a. S. – Continuous casting of copper wire,
8	Gemerská Hôrka	1994	Mölnlycke Gemerská Hôrka – Production of hygienic and health products,
9	Košice	1994	Reconstruction of the 110/220 kV transformer station Košice-West
10	Košice	1994/95	VSŽ a. S. – Transportation of steel
11	Košice	1994/96	Removal of slabs from ZPO in VSŽ a. S.
12	Michalovce	1995	MEZ Servis – Machining shop
13	Košice	1995	Plant Tesla VUST
14	Medzilaborce	1995/96	Gofin a.s. Košice – New plant for manufacturing of steel sections and scaffolding in Lastroj Medzilaborce
15	Košice	1995/98	VSŽ a.s. – Plant Hot Rolling Mill – Modernisation of push furnaces
16	Spišská Nová Ves	1995	Želba – Modernisation of the Nižná Slaná Plant
17	Košice	1995/97	VSŽ a.s. – Reconstruction and modernisation of transverse cutting lines in the plant Hot Rolling Mill
18	Košice	1996	SPP a. S. Košice – Construction of the plant in the street Alejová
19	Tornaľa	1996	Unicorn – Construction of the Paint Shop
20	Vojany	1996/97	EVO Vojany – Dump for stabilisation material for Vojany
21	Košice	1997	VSŽ a. S. – Varnishing and plasticizing line
22	Vojany	1997	Austrian Energy – EVO Transportation of ash
23	Jaslov. Bohunice	1997	Repair of the SE EBO heat supply system
24	Košice	1997/98	ASKO a. S. – Blasting shop and paint shop for the plant ASKO
25	Košice	1998	U.S.Steel Košice s.r.o. – Cutting line No.15 (American investor)
26	Košice	1999	U.S.Steel Košice s.r.o. – Cutting line No.16 (American investor)
27	Košice	1999	U.S.Steel Košice s.r.o. – Tinning line No.2 (American investor)
28	Vojany	1999	EVO Vojany – New cooling tower for K5 and K6 blocks, EVO I
29	Košice	1999/99	U.S.Steel Košice s.r.o. – Lead of the EVO I rolls up-ender (American investor)
30	Košice	2000	VSS a.s. Košice – Recovery of the foundry sand

No	Place	Year of construction.	Type of construction, action
31	Lozorno	2000/01	Plastic Omnium – Production of plastics for cars (French investor)
32	Kechnec	2003	Molex Slovakia a. S. – Connector Systems Production, Printing Hall (American investor)
33	Michalovce	2003	Zempmilk Michalovce a.s. – Reconstruction of hall for set – out of cheese and milk entry (French investor)
34	Hlohovec	2004	SKANSKA CZ a.s. – FAURECIA AUTOMOTIVE, Hlohovec (French investor)
35	Trnava	2004	GALATEK a. s. – ŽOS Trnava – Paint Shop
36	Zvolen	2004	GALATEK a. s. – ŽOS Zvolen – Paint Shop
37	Bratislava	2004	Železničná spoločnosť a. s. - Engine station in Bratislava
38	Banská Bystrica	2004	MBB a.s. – Basic facilities for Pršianska terrace in Banská Bystrica
39	Krompachy	2004	Kovohuty a.s. – Modernization of production in the pit furnace
40	Ďab	2004	Artem CE s.r.o. – Plant BOURBON FABI SK (French investor)
41	Podbrezová	2004	Železiarne Podbrezová a.s. – Shipping storage of the pipes
42	Bratislava	2004	CENTRALCHEM s.r.o. – Administrative store area for the firm Centralchem
43	Žilina	2004	MOBIS Slovakia s.r.o. – Car parts and components manufacturing plant (Korean investor)
44	Strečno	2005	DONGHEE Slovakia s.r.o. – Manufacturing complex of firm Donghee (Korean investor)
45	Žilina	2006	KIA Motors Slovakia s.r.o. - Car Assembly Plant (Korean investor)
46	Nížná Slaná	2007	Reconstruction of calciner for the roast of siderite
47	Žilina	2007	SPP – Feeding station of CNG RC Žilina
48	Kremnica	2007	Reconstruction of Mint in Kremnica
49	Košice	2008	U.S.Steel Košice s.r.o. – Feeding of dust coal for blast furnace No.1
50	Kežmarok	2008	Reconstruction of ice – ring
51	Kechnec	2008	Molex Slovakia a.s. – Warehouse for Forms (American investor)
52	Ďab	2008	Bourbon Fabi Sk, s r.o. – Building – up of Warehouse (French investor)
53	Zvolen	2008	Continental – Plating line
54	Podbrezová	2008	Železiarne Podbrezová – Hall of semifinished products from pipes
55	Trebišov	2008	Vagónka Trebišov – Continuous Blasting line
56	Medzilaborce	2008	Mesto Medzilaborce – Industrial zone in Medzilaborce
57	Košice	2008	U.S.Steel Košice s.r.o. – Reparation of cooling tower
58	Mokrance	2008	SSIM a.s. – Mini Steel Mill in Mokrance
59	Podbrezová	2009	Železiarne Podbrezová – Galvanizing HPL
60	Prešov	2009	DSS Prešov – Reconstruction of house for social services
61	Rožňava	2010	Košický samosprávny kraj – Reconstruction of Museum in Rožňava

No	Place	Year of construction.	Type of construction, action
62	Zvolen	2010	Continental Automotive Systems Slovakia – Plating line No. 2
63	Svätušie	2010	VSE a.s. – Photovoltaic Power plant in Svätušie
64	Lozorno	2010	Faurecia Automotive Slovakia – Painting line (French investor)
65	Košice	2010	U.S.Steel Košice s.r.o. – Blowing of pulverized coal into Blast Furnace VP1
66	Ľierna nad Tisou	2011	BULK TRANSHIPMENT – Dedusting of transhipment complex
67	Ľab	2012	Bourbon Automotive Plastics Nitra – Plating line No. 1 (French investor)
68	Lozorno	2012	Plastic Omnium Auto Exteriors – New Technical Centrum (French investor)
69	Jaslovské Bohunice	2013	JAVYS – Locomotive (engine) shed
70	Poprad	2013	ŽSR – Transfer Hall III, Poprad – Tatry
71	Košice	2013	SPP a.s. – Call centrum
72	Poprad	2014	ŽSR – Reconstruction of oil settlement – Locomotive depot in Poprad
73	Košice	2014	Econs Energy a.s. – Agglomeration – upgrade of electro filters
74	Košice	2014 - 2015	Econs Energy a.s. – Reconstruction and Modernization of boiler plant 1. Phase – Boiler K7
75	Rožňava	2015	VSD a.s. – ES 110/22 kV Rožňava – reconstruction
76	Košice	2015	ŽSR – Reconstruction of Administration building in Štefánikova street

No	Foreing countries	Year of construction	Type of construction, action
1	Linz (Austria)	1992/94	VAI Linz – production documentation
2	Ostrava (Czech Republic)	1992/93	K 9 boiler – New smeltery in Ostrava
3	Ostrava (Czech Republic)	1994	Dust removal of K5 and K6 boilers, HNO
4	Minsk (Byelorussia)	1994	Reconstruction of the administration building Interbel Minsk
5	Lipeck (Russia)	1995	Reconstruction of the department store
6	Tubolsk (Byelorussia)	1996	Reconstruction of the shopping pedestrian zone and reconstruction of block of flats
7	Voronež (Russia)	1996	Measuring work in Voronež
8	Srbsko, Smederevo	2015	Železara Smederevo – BF1 restart
8	Maíarsko	2015/16	GERMAKSAN – Stavba Oceliarne v priemyselnom parku Diosgyor

Inergy, Lozorno

Investor : Plastic Omnium s. r. o., Bratislava
Locality : Lozorno
Character of the construction : New construction
Years of realisation : 2000 - 2001



View of the plant



View of the production hall

Plastic Omnium, Lozorno

Investor : Plastic Omnium s.r.o., Bratislava
Locality : Lozorno
Character of the construction : New construction
Years of realisation : 2000 - 2001



Plastic Omnium, Lozorno



View of the production hall



Molex Slovakia a.s., Kechnec

Name of the building : Connector System Production I
Character of the building : Industrial building, New building
Realisation of the building : Year 2000 - The building was contended for prize Building of the year 2000
Useful plane of the plant : 18 000 m²



View of the plant Molex Slovakia a.s., Kechnec



View of the entrance hall in the administrative building

Molex Slovakia a.s., Kechnec



View of the office in the administrative building



View of the
production hall

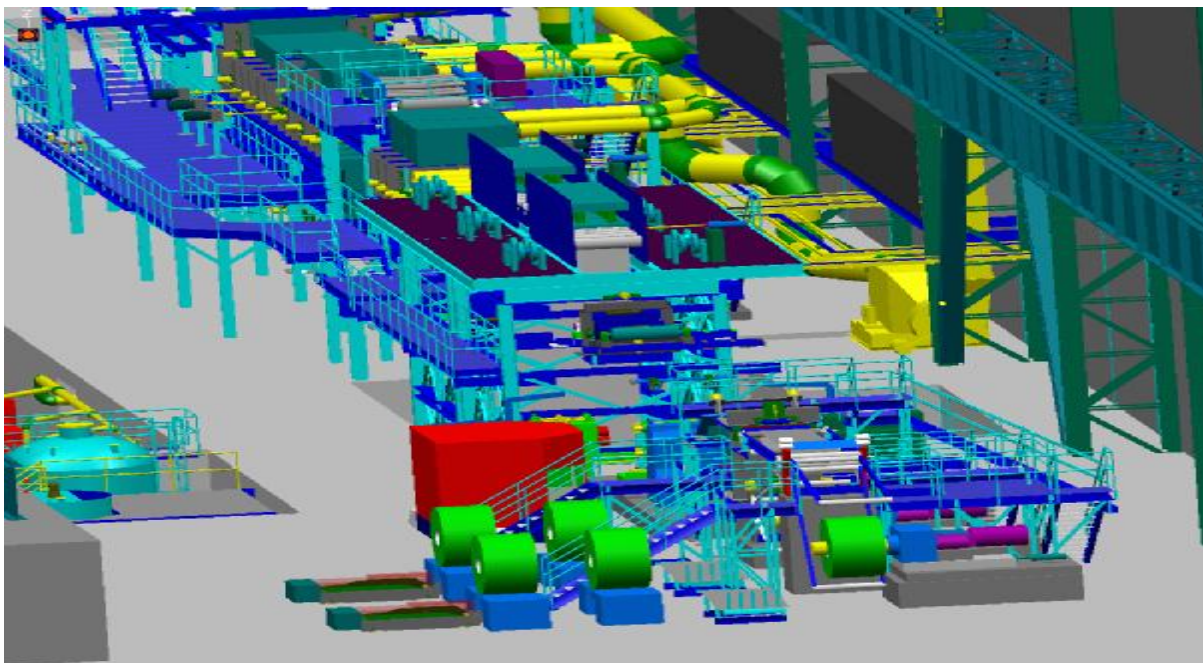
Faurecia Automotive Hlohovec

Investor : Faurecia Slovakia s. r. o.
Locality : Hlohovec
Character of the construction : New construction
Years of realisation : 2004 - 2005

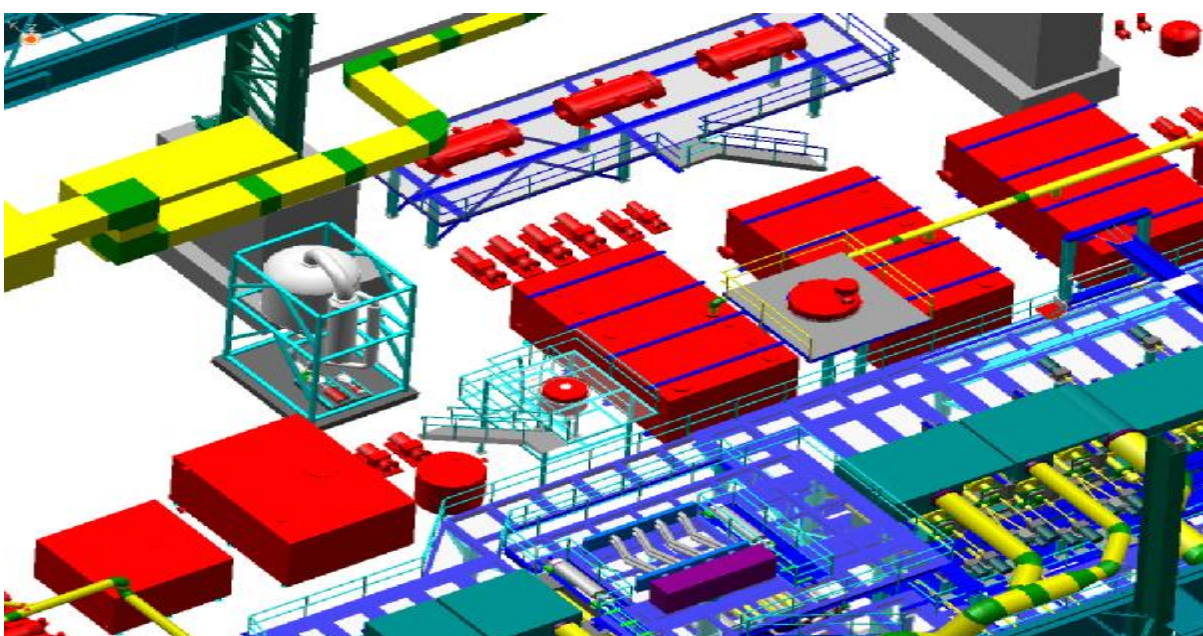


Electrolytic Tinning line No. 2

Investor : U.S.Steel Košice s.r.o.
Locality : U.S.Steel Košice
Character of the construction : New technology
Years of realisation : 1999 - 2003
Production area of the plant : 4 320 m²



View of the entry section



View of the chemical management

B/S/H Drives and Pumps Michalovce

Both companies B/S/H and Siemens are located in the same building. The company B/S/H produces electrical motors and components for electrical appliances

The principal parameters :	Built - up surface :	29 600 m ²
	Production surface :	23 000 m ²

The main production building is built from the concrete construction and it has own facilities. The part of this building is also sanitary and administrative section.



KIA MOTORS SLOVAKIA

Name of the construction : Plant for cars production

Character of construction : New car factory for 300 000 cars / year

Years of realisation : 2004 - 2006

Production area of the plant : 16,3 ha



View of the plant Kia Motors Slovakia



View of the assembly line of car



View of the robot line

DONG HEE STREÈNO

Name of the building : Building - up of II. and III. stage of the plant

Character of the construction - New construction

Years of realisation : 2006 - 2007

Výrobná plocha : 16 000 m²

Investor : DONG HEE Slovakia s.r.o. Streèno



View of the plant DONG HEE



View of the production hall

SIEMENS Michalovce

The plant is located in the initial buildings of the company MEZ Michalovce.

After reconstruction of the production areas there are produced the deck networks for cars. The main production hall is built from the concrete construction and it has own facilities.

[illegible]