



*... in the
world of
steel*

Since 1960



Engineering **D**esign **P**roduction **E**rection **Q**uality

about



ABOUT COMPANY

FAKOM was founded in 1960 for the needs of the construction and maintenance of „Mines and Ironworks Skopje“ - Skopje. Very soon it outgrew its role and began to work for clients in former Yugoslavia and abroad (Iraq, the former USSR, Vietnam, Lebanon, Cameroon and most of the European countries). As one of the largest capacities in the region, in 1982 it separated in an independent organization.

FAKOM managed to overcome all the critical moments which were a consequence of the breakdown of former Yugoslavia and the market, the embargo of Greece (1994-95), the crisis in Serbia (1999), the conflict in Macedonia (2001) and adapting „on the way“ it performed a transformation into a market-oriented company, permanently increasing its annual production.

In 2006, a transformation in the ownership structure was performed, and in 2007 organizational and structural changes were also made.

The basic activities of **FAKOM** AD are production and services in the field of metal working industry and include:

1. Design
2. Production
3. Erection

VISION

FAKOM AD to grow into a recognizable, successful company for steel structures and equipment produced up to the highest standards and quality, and with competitive prices on the market.

MISSION

We manufacture every product in a high-quality manner, responsibly and at a reasonable price;

We promote efficient and high-quality services at affordable prices;

We permanently increase the range of products;

We become more and more present on the foreign markets;

We give a greater and nobler role on the steel in man's everyday life.



engineering

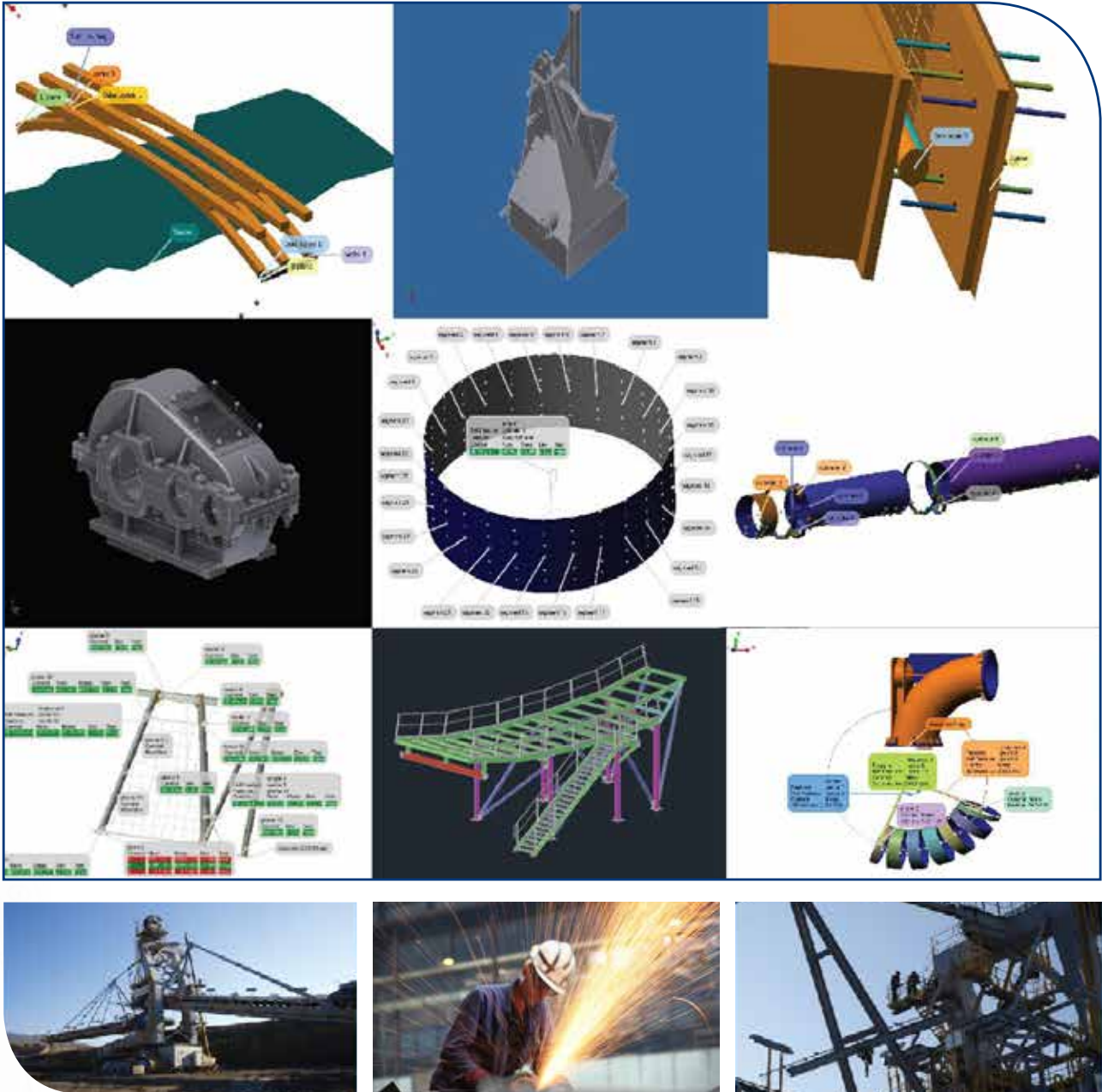


Comprehensive project planning starting from designing, supply of materials, production, transport and erection on site.

Optimal coordination of the project in all the stages of their manufacture is our guarantee for fast and quality completion of the tasks.

Due to this, we can always offer our clients advanced solutions and put the same into practice.

designing



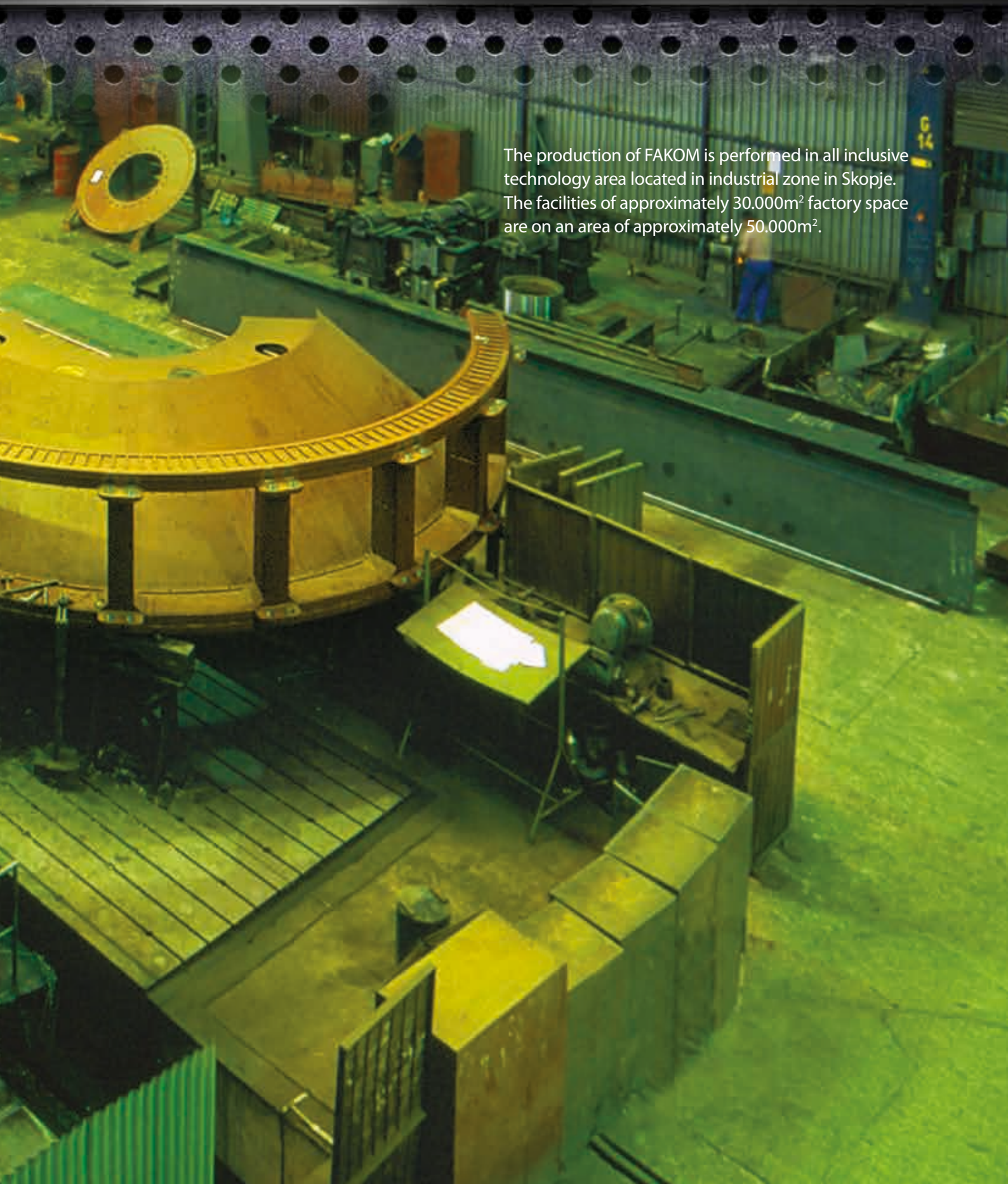
Preparation of complete construction drawings for all types of steel structures and processing equipment for the industry.

Preparation of general, basic and as-built projects according to our own project solutions and elaboration and completion of workshop and erection drawings as well as as-built drawings.

The designing office is organized into three units: Mechanical engineering, Structural engineering and Architecture.

production technology





The production of FAKOM is performed in all inclusive technology area located in industrial zone in Skopje. The facilities of approximately 30.000m² factory space are on an area of approximately 50.000m².

production technology



The production technology of Fakom consists of the following integral components:

- Incoming material handling and forming
- Production technology
- Fine processing shop
- Corrosion protection unit

These components of the technology are conducted in five workshops divided by the product orientation:

- Preparation
- Process equipment
- Heavy constructions
- Profiles and girders
- Light construction and thin sheet constructions and sections



The material is received and prepared in sections and shapes in the preparation department that uses automatic and semi-automatic plasma and flame cutting machines. The preparation department also includes machinery for forming and shaping.

The production department includes technology for:

- Cutting
- Forming
- Welding
- Machining

The core production technology is welding which is performed manually, semi-automatically and automatically.

Fakom uses 5 welding techniques:

- Shielded metal arc welding
- Submerged arc welding (automatic and semi-automatic)
- Gas metal arc welding (manual and semi-automatic)

- Gas tungsten arc welding (manual and semi-automatic)
- Gas welding

The fine processing shop includes a special numerically guided machine which is especially suitable for adjusting the fine dimension with high precision and tolerances.

Production technology is supplemented with positioning tools enabling welding, cutting and edge preparation in all positions.

This department also has a specialized shop for welding of special steels (stainless steels and high alloyed steels).

Final process of the production is corrosion protection unit where the anti-corrosion technologies are applied. Fakom has a facility for manual and automatic application of various means for corrosion protection. The handling of the components, parts and structures is aided by 14 cranes with lifting capacity from 15 to 32 tons.

production unit

FAKOM PRODUCTION UNIT

Workshops.....	24000m2
Store yards for materials and finished products with crane runways	8000m2
Overhead cranes of 8-40 tons capacity.....	9
Overhead magnet cranes of 10 tons max capacity.....	8



MAIN EQUIPMENT AND MACHINES

PLATON Horizontal boring mill W200 H3150x10500

Spindle diameter	f200mm
Maximum piece length	10500mm
Spindle lifting over the stand.....	31500mm
Maximum spindle run.....	2000mm
Maximum pinola run.....	1600mm
Normal spindle adjustment.....	3150mm
Normal adjustment of column.....	4000mm
Deepest position of the spindle axle over the stand.....	1475mm

Horizontal boring mill 2A635 2 pieces

Spindle diameter	f160mm
Maximum piece length	2500mm
Spindle lifting over the stand.....	1400mm
Maximum spindle run.....	1000mm
Maximum pinola run.....	1600mm

Hydraulic press KV-3534A

Capacity.....	250t
Width	2500mm
Length	1500mm

Edge preparation machine HHP12

Maximum piece length	12000mm
Clamps lifting.....	90mm
Max. clamping force.....	6000kg
Max. clamp rotating angle.....	35°
Max. horiz. transversal displacement.....	100mm
Max. vert. transversal displacement.....	120mm

Long running planer 7216G

Max. piece dimensions	
width.....	1420mm
height.....	1800mm
length	10000mm
No. of supports on transverse beam.....	2
No. of lateral supports on columns.....	1
No. of milling and notch heads.....	1+1

Dish-shaped plates edge preparation machine ZU-08

Groove preparation for V.K.X butt welds	
Dimensions of dish-shaped plate.....	500-5000
Max weight	<5000kg

Radial drilling machine VPM50A

Max drilling diameter	Ø50mm
Max thread in steel of strength	M48
Adjustment of the arm	
Vertical	1260mm
Horizontal.....	920mm
Arm rotation angle.....	360°

Bending machine HZC 3000x25

Hydraulic with 4 rollers	
Max width of steel plate.....	3000mm
Max thickness.....	25mm
Rollers diameter	
Upper and lower	430mm
Lateral.....	340mm
Min diameter (circle).....	Ø600mm

Motor scissors H 483

Max plate thickness.....	32mm
Max plate width.....	3150mm

CNC bending machine HSM 4 3100x25

(Hydraulic with 4 rollers)	
Max width of steel plate.....	3000mm
Max thickness.....	25mm
Rollers diameter	
Upper and lower	420mm
Lateral.....	330mm
Min diameter (circle).....	Ø600mm

Bending machine UBBDA 3150x80

Max width of steel plate.....	3000mm
Max thickness.....	80mm
Rollers diameter	
Upper and lower	800mm
Lateral.....	720mm
Min diameter (circle).....	Ø1100mm

Voortman VB1250&V630

Cutting dimensions.....	600mm x 1250mm
Profile length	12000mm
Max hole diameter of HSS drills	Ø40mm
Max hole diameter of carbide drills	Ø32mm

Radial drilling machine 2M57 2 pieces

Max hole diameter.....	Ø75mm
Distance from the spindle to the stand	
maximum	2000mm
minimum.....	400mm

Longitudinal cutter PM-094 2 pieces

No. of torches	10
Plate thickness.....	3-50mm
Max plate width.....	2000mm
Max plate length	24000mm
Max cutting speed.....	100cm/min

Universal scissors KS3 HB 5224

Punching - nominal force.....	125t
Max diameter	Ø40mm
Max thickness.....	25mm

CNC cutter - Varstroj

No. of torches	4
Plate thickness.....	3-220mm
Max plate width.....	3000mm
Cutting length	14000mm

CNC plasma cutter - Messer Omnimat

Plate thickness.....	3-200mm
Cutting length	15000mm
Max plate thickness	
Carbon steel.....	1-35mm
Stainless steel.....	1.5-25mm

CNC plasma cutter - Messer Omnimat L5000

Plate thickness.....	3-300mm
Cutting length	18000mm
Max plate thickness	
Carbon steel.....	0.5-80mm
Stainless steel.....	0.5-45mm

Edge preparation machine Plumax x93 2 pcs

Max Plate thickness.....	50mm
Scraping width.....	25-150mm
Slope angle	25° and 55°

Nelson intra 1400

Power.....	1400
Pin max.....	Ø22mm

erection unit

Waldrich Coburg 30-10 s 3030

Max grinding width.....	3000mm
Max grinding length.....	1700mm
max grinding height.....	1500mm
Distance between the column.....	2020mm

Profile bending machine HZP 12-15

Rollers diameter.....	Ø480mm
Bending diameter (depending on profile)	
Maximum.....	2000mm
Minimum.....	950mm

Press braking machine STO 400t (single & tandem)

Braking length (single).....	5900mm
Width.....	2010mm
Height (max).....	3535mm
Nominal force.....	392t

Automatic welding machine ESAB I 2000... 2 pieces

Power.....	1200A
Controller type A2-A6	
Dimensions	
Web Height.....	200-2000mm
Web thickness.....	5-20mm
Flange width.....	100-800mm
Thickness.....	8-50mm

Carousel IL-532

Maximum diameter of processing.....	3150mm
Maximum height of processing.....	1600mm
Maximum weight for.....	1.25-40°/min
Maximum weight for.....	50-63°/min

Semi-automatic welding machine ESAB

Console type.....	CAB460M
Controller type A2-A6	
Power.....	1200A
Welded sections	
max height.....	5000mm
max length.....	15000mm
max width.....	5000mm

Other equipment

Manual welding machines	
MIG/MAG (ESAB, Cebora, Kemppi).....	40
SMAW.....	>15
WIG.....	>10
Spot welding devices.....	5
Electrical-resistance welding of connectors.....	2
Manual press braking machines.....	2
Lathes.....	8

Short run planers.....	2
Milling machines.....	2
Radial drilling machines.....	3
Stationary drilling machines.....	6
Excenter presses.....	2
Scissors.....	3
Vertical/horizontal saws.....	3
Edge preparation machine.....	2



Permanent maintenance, calibration, attestation and re-attestation of the whole equipment and the workshops, supply of new mobile instruments for TIG and MAG welding, suitable for quick intervention on inconvenient places.

FAKOM ERECTION UNIT

Mechanization

Mobile crane 300 t. DEMAG.....	1 piece
Mobile crane 150 t. DEMAG.....	1 piece
Mobile crane 90 t. DEMAG.....	1 piece
Mobile crane 85 t. DEMAG.....	1 piece
Mobile crane 45 t. KATO.....	1 piece
Mobile crane 40 t. DEMAG.....	5 pieces
Mobile crane 18 t. COLESS.....	2 pieces
Trailers 20 t. FAP.....	3 pieces
Low profile trailer 45 t.	1 piece
Truck 1620.....	1 piece
Truck HIAP.....	1 piece
Truck TAM 1.5 t.....	5 pieces
Truck IVECO 2.5 t.....	2 pieces

Workshop 1

Scissors $\delta = 20\text{mm} \times 1500\text{mm}$	1 piece
Press braking machine up to 3mm.....	2 pieces
Lathes PA 300.....	3 pieces
Milling machines UG 300.....	1 piece
Horizontal boring mill IRL.....	1 piece
Workshop for reparatory welding	

Workshop 2

Scissors $\delta = 20\text{mm} \times 2000\text{mm}$	1 piece
Bending machine $\delta = 20\text{mm} \times 2000\text{mm}$	1 piece
Pressing machine 63 t.....	1 piece
Machine for plate straightening ($\delta = 0.2 - 5\text{mm}$; $b=250\text{mm}$).....	1 piece
Press braking machine (4m)	
Plate gas cutting CNC machine with plate thickness from 150 to 200mm and dimensions 2000x6000mm	

Thermal processing equipment

Inductive mobile equipment for thermal processing of welds

AEG ELOTHERM 120kW.....	1 piece
TDF 1001 UZ 80kW.....	4 pieces
AEG ELOTHERM 20kW.....	1 piece

With complete measure-regulatory equipment

Diesel aggregate

359 A Uljanik - Pula.....	6 pieces
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Diagnostic equipment

VIBROPORT 41 equipment for diagnosing rotation machines, for measuring vibrations, for dynamic balancing on the spot, for precise centering by means of laser, for measuring noise. The equipment is operated by a highly qualified trained team which has an adequate certificate.

Compressors

Compressors (8 bars) with mobile tanks of 8m..... 2 pc

Lifting tackles

System of complex lifting tackles with a lifting capacity of 10 tons

Other machines

machine for placing bushings on the cables (steel) of $\varnothing 10\text{mm}$ to $\varnothing 0\text{mm}$



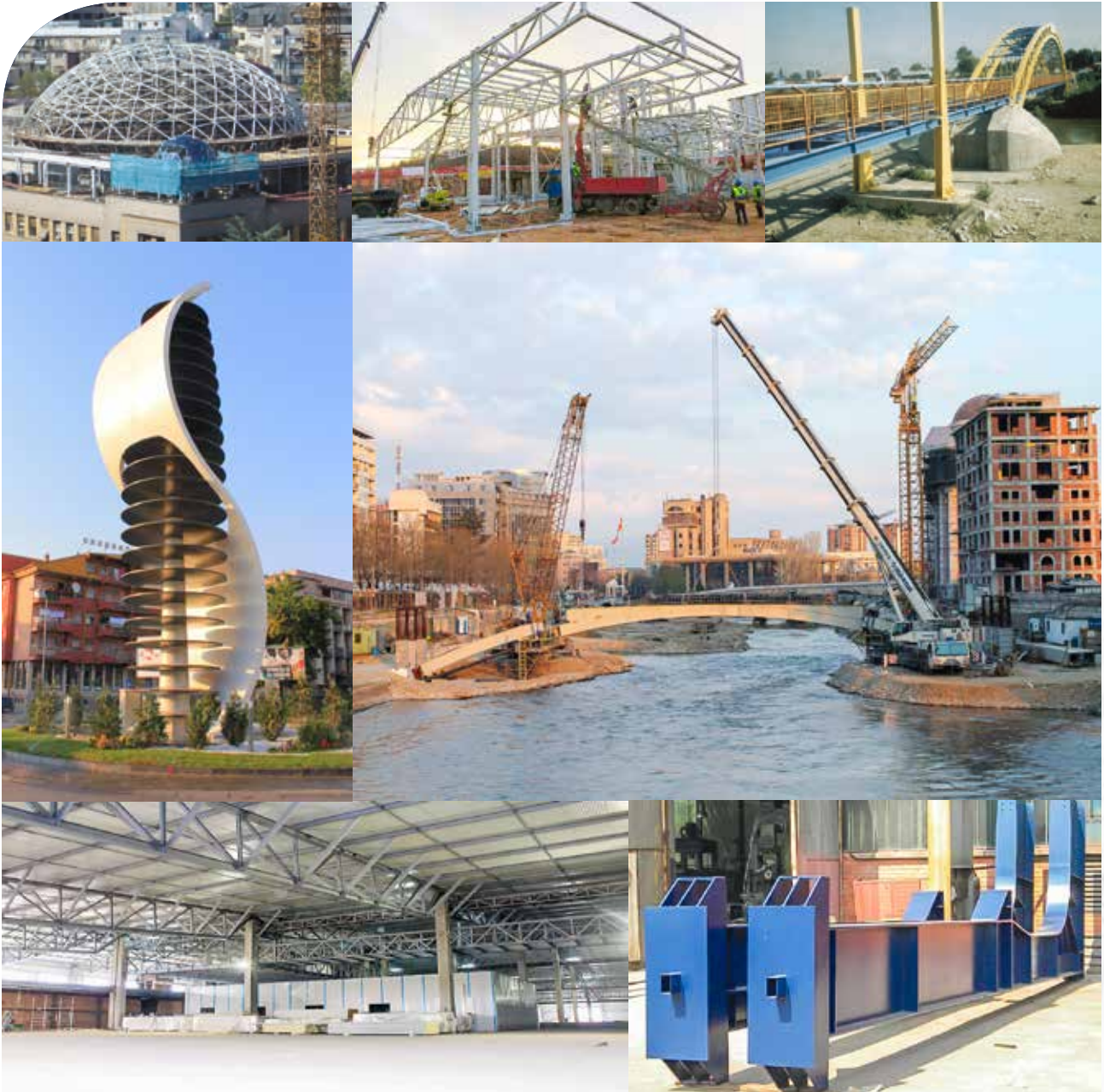
erection



It is an important unit for rounding up the production process of FAKOM AD. Erection of all kinds of steel structures on public and industrial facilities and bridges, as well as industrial and special equipment manufactured by the company. It specializes in erection of capital goods, overhauls, reconstruction and maintenance of mining machines and conveyor belts in open-cast mines, thermoelectric power plants and hydro energetic plants, ferrous and non-ferrous metallurgy, cement and chemical industry. It possesses a special workshop for manufacture of parts for equipment and machines according to original drawings or samples for the needs of overhauls, reconstruction and maintenance. Traditional clients are all the large industrial capacities in Macedonia and Kosovo: the thermoelectric power plants Bitola, Oslomej and Obilich, the cement factories Usje and Sharrcem, the refinery Oka, the ferronickel industries in Kavadarci and Glogovac, the rolling mill Makstil, Skopski leguri, Toplifikacija Skopje. FAKOM Erection unit is indispensable for modernization and maintenance of the operational capability of the industrial capacities where there are shops with old-fashioned equipment.

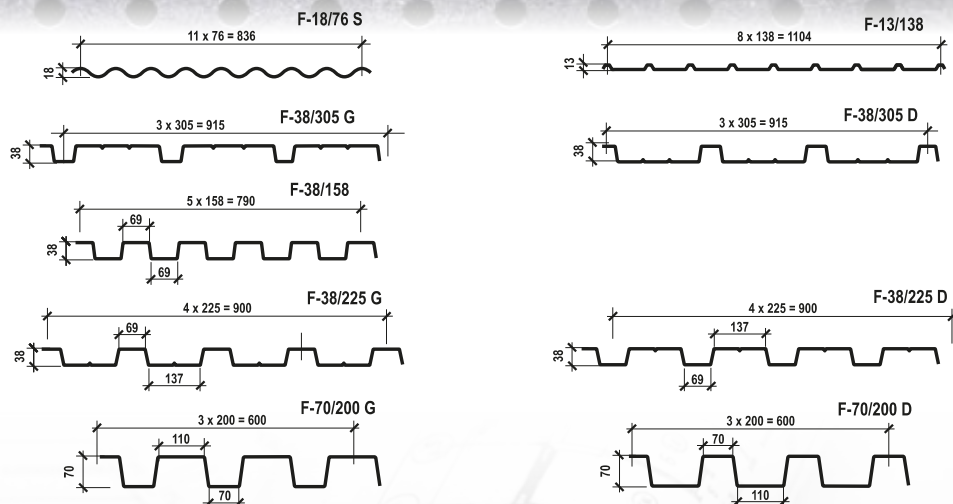


products



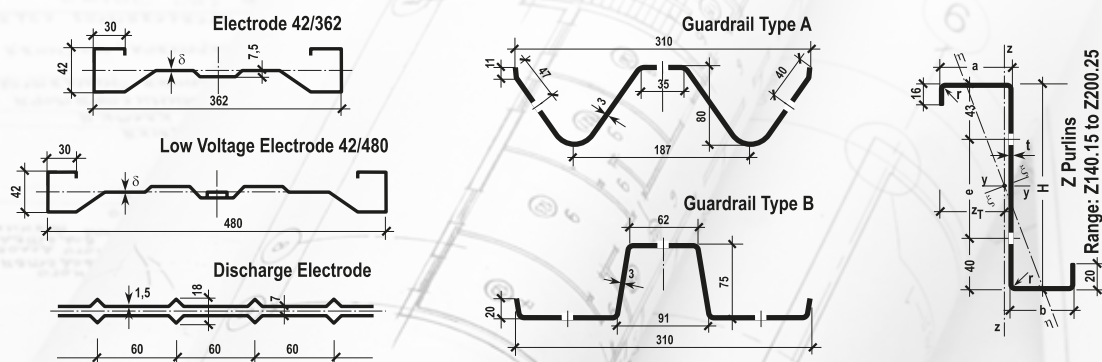
In a separate shop of K4 of FAKOM Production unit, there is a line for profiling of galvanized and plastic coated sheet metals for roofing and cladding. In this shop thin gauge elements are also manufactured with gauge of up to 3mm: low-voltage and discharge electrodes, road guard rails, as well as thin gauge „C“ and „Z“ purlins. On two vertical machines for automatic welding with SAW procedure (submerged arc welding), in shop K3 of FAKOM Production unit T, AT, H, L and U sections are manufactured, as well as beams for composite structures (steel-concrete).

PROFILED SHEETING

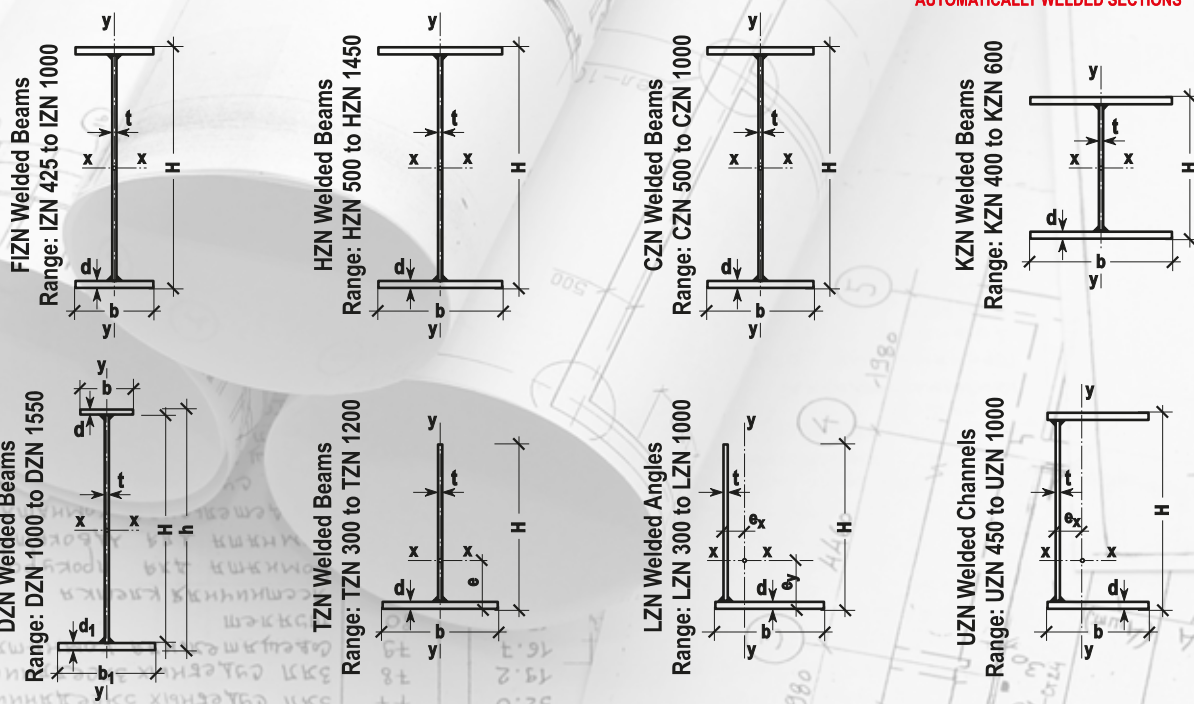


galvanized and plastified, thickness $s=0,50$ to $1,50$ mm

THIN GAUGE SECTIONS



AUTOMATICALLY WELDED SECTIONS



quality system

FAKOM has implemented and certified general quality management system according to ISO 9001:2008, and implemented and certified systems for qualification of welding companies according to ISO 3834-2 and EN-1090 EXC.4.

The procedure in the general quality management system is designed for the general purpose.

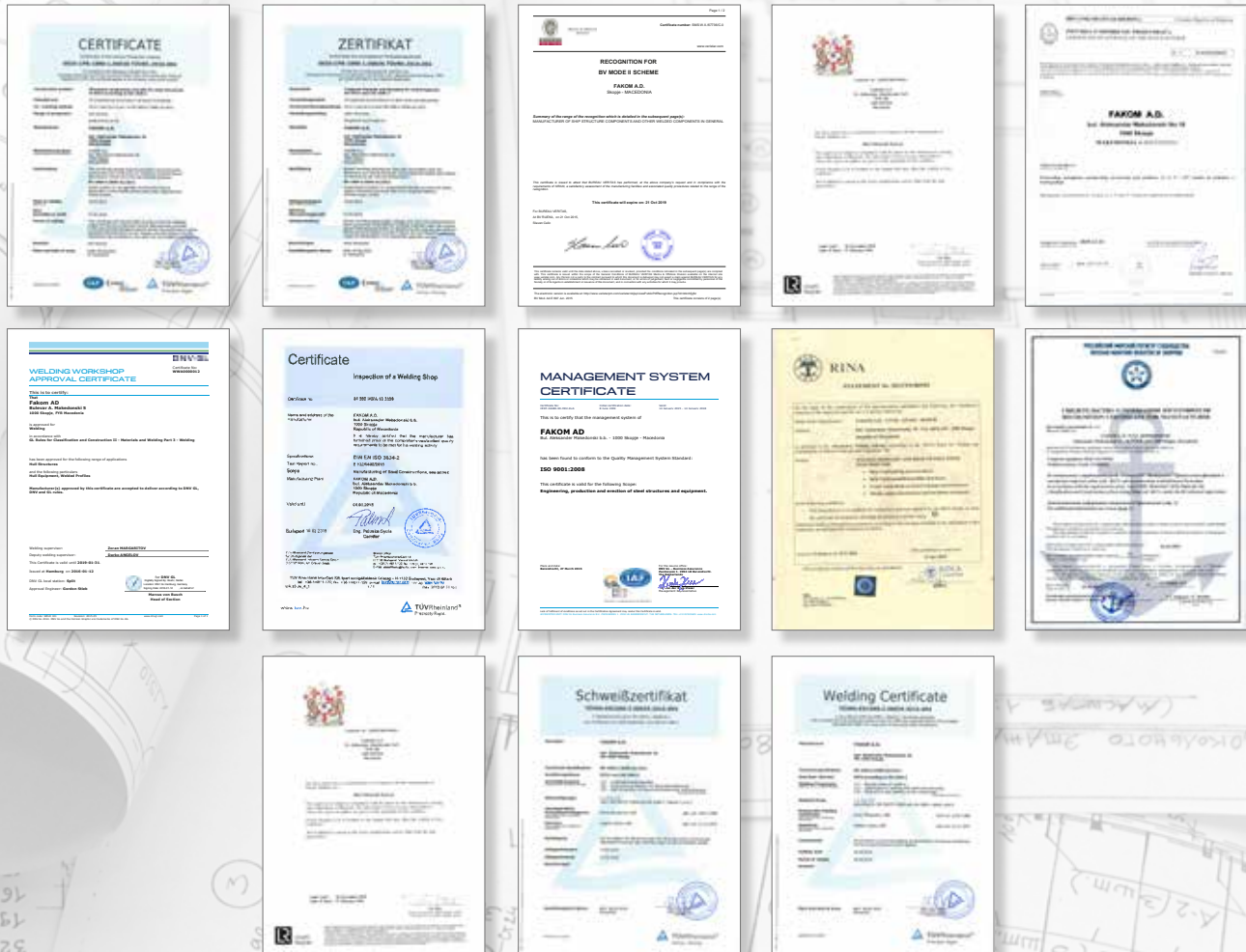
AD FAKOM's quality management is focused on:

- A quality management system
- Safety health and environmental protection

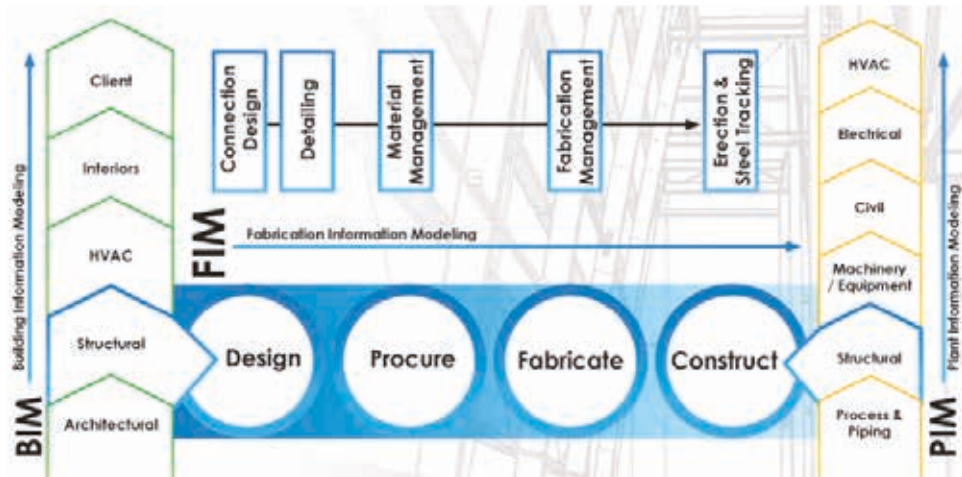
The procedures in EN ISO 3834-2 are general procedures for welding and preparing which were developed without orientation towards a specific product.

The welding department has two international engineers for welding. The welders are certified and trained according to EN 9606 and welding technology according to EN 15614 and EN15609.

The employees in the control department are certified and trained and they have certificates for level I and level II for ultrasonic, radiographic, magnetic particle, dye penetrant and visual examination.



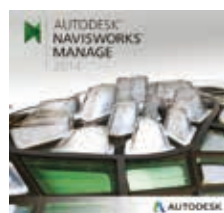
FAKOM is the first company in the region that became BIM/FIM ready



We are using the latest Design, Modeling, Analysis, Fabrication, Collaboration, Measuring & Inspection Technology from the world's best producers:



Autodesk®



references



REFERENCE LIST

OF WORK ACTIVITIES PERFORMED IN THE LAST FEW YEARS

Description	Customer	Quantity	Year
Production, transport and installation of a waste gas dust extraction system	Jugohrom Alzar, Macedonia	1200 tons	2018
Manufacture of column sets, platforms and stairs for Indoor Roller Coasters in Sausalito	Vekoma Rides Manufacturing BV Holland	947 tons	2018
Manufacture of 3x80.000 m ³ oil tanks for Refinery	KING ICT, Croatia	9122 tons	2018 2017
Manufacture of plates and welded beams for shipbuilding industry	Uljanik, Croatia	2200 tons	2017
Manufacture of welded beams, square beams and castellated beams for shipbuilding industry	Fincantieri, Italy	4716 tons	2017
Manufacturing and erection of steel roof grate	Vitaminka a.d. Prilep - Macedoina	119 tons	2017
Manufacturing and erection of steel structure at Johnson Matthey in Macedonia	ZAVAR - Macedoina	60 tons	2017
Manufacture of oil tanks for Sudan	ATS Group, Macedonia	760 tons	2017
Manufacture of oil tanks for Libya	Bosna S, Bosnia and Herzegovina	942 tons	2017
Manufacture of mechanical equipment	MBE Coal and Minerals, Germany	46 tons	2017
Manufacture of steel structure	Detoil, Macedonia	168 tons	2017
Manufacture of steel structure and segments for Electrostatic Filter	Turbomehanika d.o.o., Croatia	133 tons	2017
Manufacture of column sets, platforms and stairs for Roller Coaster in Germany	Vekoma Rides Manufacturing BV Holland	447 tons	2017
Manufacture of column sets, platforms and stairs, platforms for equipment and steel covers for Roller Coaster in Poland	Vekoma Rides Manufacturing BV Holland	184 tons	2017
Cutting of plate material	Makstil AD Skopje	153 tons	2017
Manufacture of column sets, platforms and stairs for Roller Coasters in Indonesia	Vekoma Rides Manufacturing BV Holland	327 tons	2017
Dismantling of old and manufacture and erection of new steel portals	EVN Macedonia	31 tons	2017 2016
Manufacture of steel structure for production hall	FAM Inzenering Skopje	100 tons	2017 2016
Manufacture and erection of steel structure for hotel, Skopje	Ksantika, Skopje	50 tons	2017 2016
Manufacture of plates and welded beams for shipbuilding industry	Uljanik, Croatia	5500 tons	2016
Manufacture and erection of steel structure for production hall	Darkos, Skopje	60 tons	2016



Description	Customer	Quantity	Year
Manufacture of plates and welded beams for shipbuilding industry	Shipyard Trogir, Croatia	660 tons	2016
Manufacture of plates and welded beams for shipbuilding industry	Shipyard 3 Maj Rieka, Croatia	1300 tons	2016
Manufacture of column sets, platforms and stairs for Family Boomerang, FB Sweden	Vekoma Rides Manufacturing BV Holland	29 tons	2016
Manufacture and erection of pedestrian bridge in Prilep	Municipality of Prilep	6 tons	2016
Manufacture of column sets, platforms and stairs for Family Coaster, FC Qatar	Vekoma Rides Manufacturing BV Holland	18 tons	2016
Manufacture of column sets for testing	Vekoma Rides Manufacturing BV Holland	54 tons	2016
Manufacture of welded beams, square beams and castellated beams for shipbuilding industry	Fincantieri, Italy	3724 tons	2016
Manufacture and erection of stack	Balkan Energy Skopje	38 tons	2016
Manufacture of column sets, platforms and stairs for Suspended Family Coaster, SFC Ukraine	Vekoma Rides Manufacturing BV Holland	142 tons	2016
Cutting of plate material	Makstil AD Skopje	118 tons	2016
Manufacture of column sets for Launch Coaster, LC Poland	Vekoma Rides Manufacturing BV Holland	95 tons	2016
Manufacture of column sets, platforms and stairs for Suspended Family Coaster, SFC Vietnam	Vekoma Rides Manufacturing BV Holland	151 tons	2016
Manufacture of column sets, platforms and stairs for Family Coaster, Suspended Looping Coaster, Suspended Family Coaster, Vietnam	Vekoma Rides Manufacturing BV Holland	909 tons	2016
Manufacture of supporting structure, guide palates and switch for Wood Coaster, Sweden	Vekoma Rides Manufacturing BV Holland	172 tons	2016
Manufacture of column sets, platforms and stairs for Family Boomerang FB Paultons Park, United Kingdom	Vekoma Rides Manufacturing BV Holland	30 tons	2015
Manufacture of column sets, platforms and stairs for Family Boomerang FB Paultons Park, United Kingdom	Vekoma Rides Manufacturing BV Holland	30 tons	2015
Manufacture of column sets, platforms and stairs for Suspended Family Coaster SFC GL, Paultons Park, United Kingdom	Vekoma Rides Manufacturing BV Holland	153 tons	2015
Manufacture of column sets for Suspended Looping Coaster SLC Energy 2000 Poland	Vekoma Rides Manufacturing BV Holland	375 tons	2015
Manufacture of column sets, platforms and stairs for Suspended Family Coaster SFC 450 Energy 2000 Poland	Vekoma Rides Manufacturing BV Holland	135 tons	2015
Manufacture of column sets, platforms and stairs for Family Coaster FC 335 Energy 2000 Poland	Vekoma Rides Manufacturing BV Holland	54 tons	2015
Manufacture of roof steel structure for project QBB Brixlegg, Austria	Granit Bau GmbH, Austria	100 tons	2015

Description	Customer	Quantity	Year
Manufacture of steel structure for project Henkel in Bileca, Bosnia and Herzegovina	Delta Inzenering, Belgrade, Serbia	540 tons	2015
Dismantling and erection of steel components and platforms for EAF in Makstil AD Skopje	Makstil AD, Skopje	300 tons	2015
Manufacture, transport and erection of steel structure and other steel components for project 4 th Damper in Makstil AD Skopje	Makstil AD, Skopje	125 tons	2015
Manufacture, transport and erection of steel structure and cladding works for project: Technical Textile in TDIZ Stip, Macedonia	DG Beton AD Skopje	550 tons	2015 2014
Manufacture, transport and erection of steel structure and other steel components for the De-dusting system for EAF project	Makstil AD, Skopje	1.612 tons	2014
Manufacture of column sets, platforms and stairs for Family Coaster 207m for Vietnam	Vekoma Rides Manufacturing BV Holland	36 tons	2014
Manufacture of column sets, platforms and stairs for Family Boomerang for Vietnam	Vekoma Rides Manufacturing BV Holland	24 tons	2014
Manufacture of plates for shipbuilding industry	Shipyard Trogir, Croatia	550 tons	2014
Manufacture of plates for shipbuilding industry	Shipyard 3 Maj Rieka, Croatia	208 tons	2014
Manufacture and erection of steel structure for raft in Skopje, Macedonia	Vodenica one Skopje	140 tons	2014
Manufacture of steel structure for Hall	Pro Motiv GmbH Switzerland	150 tons	2014 2013
Manufacture and erection of pedestrian bridge in Berovo, Macedonia	Municipality of Berovo	5 tons	2014 2013
Manufacture of conveyor for France	SFM France	80 tons	2014 2013
Manufacture and erection of oil tanks in Kumanovo, Macedonia	Kvalitet prom Kumanovo	80 tons	2013
Manufacture of doors and nozzles for tanks for Algeria	Technip France	400 tons	2013
Manufacture of column sets for Suspended Family Coaster for Kiev, Ukraine	Vekoma Rides Manufacturing BV Holland	153 tons	2013
Manufacture of column sets for Suspended Family Coaster for Seoul, South Korea	Vekoma Rides Manufacturing BV Holland	153 tons	2013
Manufacture of evacuation platforms and platforms for the tension device for Giant Inverted Boomerang for Sochi, Russia	Vekoma Rides Manufacturing BV Holland	40 tons	2013
Manufacture of column sets, stairs and parts for the release system for Junior Coaster for Major Theme Park Japan	Vekoma Rides Manufacturing BV Holland	80 tons	2013
Manufacture of column sets, platforms and stairs for Suspended Looping Coaster for Baghdad, Iraq	Vekoma Rides Manufacturing BV Holland	400 tons	2013 2012
Manufacture of equipment and steel structure for Modernization of REK Bitola (Unit 2)	Energosistem Skopje / BBS Germany	450 tons	2013
Erection of equipment and steel structure for Modernization of REK Bitola (Unit 2)	Energosistem Skopje / BBS Germany	650 tons	2013
Manufacture of equipment and steel structure for Modernization of REK Bitola (Unit 3)	Energosistem Skopje / BBS Germany	450 tons	2012
Erection of equipment and steel structure for Modernization of REK Bitola (Unit 3)	Energosistem Skopje / BBS Germany	650 tons	2012
Erection of equipment for conveyors for coal transport 10 km for REK Bitola	ThyssenKrupp Germany	2500 tons	2012 2011
Manufacture and erection of Bridge of Art in Skopje	DG Beton AD Skopje	270 tons	2012 2011
Manufacture and erection of crane beams	Makstil AD Skopje	40 tons	2012
Manufacture and erection of cyclone for cement factory	Cementara TITAN Skopje	3 tons	2012

Description	Customer	Quantity	Year
Manufacture and erection of equipment for sandblasting	Makstil AD Skopje	172 tons	2012 2011
Manufacturing of various equipment	IHC Holland	35 tons	2012 2011
Manufacture of beams for ships	Fincantieri Italy	5700 tons	2012 2011 2010
Manufacture of crane beams	IGM Kavadarci	1000 tons	2012 2011
Manufacturing and machining of pipes and other equipment	Freyssinet France	105 tons	2012 2011
Erection of water pipes	TGS Skopje	30 tons	2012
Manufacture and erection of shell and pipelines for furnace	Arcelor Mittal Skopje	60 tons	2012
Manufacture of tank elements for Albania	Metal Oil Trade Skopje	470 tons	2012
Manufacture of tank elements for Algeria	Duferco Group Switzerland / Bentini Italy	5580 tons	2012
Manufacturing and erection of steel structure for production hall	KAZ Group Skopje	30 tons	2012
Cutting of slabs	IGM Kavadarci	160 tons	2012
Manufacture and erection of hydro-mechanical equipment for HEC Sv.Petka	Iskra Impuls Slovenia	120 tons	2009 - 2012
Manufacture of welded beams	Uljanik Croatia	1100 tons	2011
Manufacture of flat bars for ships	Brodosplit Croatia	1000 tons	2012 2011
Manufacture of low-voltage electrodes for electro filter	Tehnomering Serbia	30 tons	2012
Forming of plates	IGM Kavadarci	2000 tons	2012 2011
Processing of plates for tanks	Invec Remakon Slovenia	250 tons	2012
Manufacture and erection of steel structure and covering for primary school in Aerodrom Skopje	DG Beton AD Skopje	50 tons	2012
Manufacture and erection of steel structure and small domes for the Parliament of the Republic of Macedonia	DG Beton AD Skopje	600 tons	2012 2011 2010
Reservoir 80000m3 for terminal Sisak – Adriatic oil pipeline	Mont montaza Croatia	7900 tons	2011 2010
Refurbishment and manufacture of new roof structure (North, West and East stands) for Filip II stadium	DG Beton AD Skopje	1500 tons	2011 2010
Manufacture and erection of steel structure	Pekabesko Skopje	900 tons	2012 2011 2010
Manufacture of parts for ships with machining	IHC Parts & Services B.V.	100 tons 103 tons 110 tons 230 tons	2012 2011 2010 2009
Manufacture and erection of pipeline Ø1200 and other equipment for HS Zletovica	DG Beton AD Skopje	140 tons	2010
Manufacture of shell plates for tank	Spartaku Albania	155 tons	2010
Manufacture and erection of steel structure	VV Group Macedonia	38 tons	2010
Erection of steel structure and equipment for GAMA	GAMA Power System	853 tons	2010 2009

Description	Customer	Quantity	Year
Dismantling manufacture and erection of bucket wheel SRs 2000. The wheel has the following dimensions: $\Phi 11000 \times 1500$ mm. The end user of the wheel is REK Bitola	AD ELEM Skopje	2200 tons	2008
Manufacture of ducts for thermo electric power plants (HKW-WALSUM-block 10) in Germany	TH. ARENS Germany	480 tons	2008
Manufacture of steel structure, flue gas ducts and magnesite furnace.	BOMEKS Skopje	100 tons	2008
Manufacture of parts for oil tanks (bottom, shell and roof).	GURO GAKOVIC	3520 tons	2008
Manufacture of parts for oil tanks (bottom, shell and roof).	TANKO, Italy	1000 tons	2008
Manufacture and erection of a stack 50-metre high.	SKOPSKI LEGURI	87 tons	2008
Manufacture of pipes and rudder trunks (parts for ships).	SEMWICK Rijeka	pipes 420 t. Rudder trunks 195 t.	2008
Manufacture and erection of booms, structure and walkways of SRS(H)1050.23/2.0 excavator and the end user is REK Bitola in mine Brod Gneotino	TAKRAF	38 tons	2008
Manufacture and erection of steel structure and walkways of a spreader A2Rs B 5500.60 and end user REK Bitola in mine Brod Gneotino.	TAKRAF	42 tons	2008
Manufacture and erection of steel structure for Combined cycle cogeneration power plant.	R. Z. USLUGI AD Skopje	200 tons	2008
Manufacture and erection of steel structure for Combined cycle cogeneration power plant.	R. Z. USLUGI AD Skopje	700 tons	2008
Manufacture of a cover flap for hydroelectric plant "Sava" Jasenice Slovenia.	GOPLA	22 tons	2008
Manufacture and erection of steel structure and non-standard equipment at pressure furnace in hot rolling mill.	MAKSTIL AD Skopje	400 tons	2008
Erection of equipment for pressure furnace in hot rolling mill delivered by the Investor.	MAKSTIL AD Skopje	310 tons	2008
Manufacture and erection of steel structure and non-standard equipment on line for descaling in hot rolling mill.	MAKSTIL AD Skopje	50 tons	2008
Erection of equipment for line of descaling in hot rolling mill delivered by the Investor.	MAKSTIL AD Skopje	77 tons	2008
Overhaul activities at thermoelectric power plants REK Bitola-Bitola	AD Elektrani na Makedonija		2008-2012
Overhaul activities on excavator belts and machine hall in REK "Oslomej" - Kicevo	AD Elektrani na Makedonija		2008-2012
Dismantling of old and erection of a new economizer (heat exchanger) for BKCM 20 boiler.	TOPLIFIKACIJA AD Skopje	40 tons	2007-2012
Manufacture and erection of a bridge (420 meters) on the Raca river in Serbia.	INTERMOST-Belgrade	2030 tons	2008-2007
Manufacture and erection of steel structure, as well as erection of equipment for grinding of limestone in a mine Govrlevo (USJE).	TITAN Cement factory USJE		2008-2007
Manufacture of ducts for thermoelectric power plants (FGD-PLANT FIDDLER'S FERRY UNIT 2-4).	TH. ARENS	800 tons	2007
Manufacture of bridge "Bahretal".	FAM ENGINEERING DOOEL DEUTSCHLAND	100 tons	2007
Manufacture and erection of a body of a furnace with a cover, elements for exhaust fumes and coolers for cooling of electrodes of TX1 – ferro- sulphate furnace.	SKOPSI LEGURI	250 tons	2007
Manufacture and erection of a spreader BrS 1800/37+39*16,5 and the end user is REK Bitola in mine Brod Gneotino	Thyssen Krupp Fordertechnik GmbH	53 tons	2007

Description	Customer	Quantity	Year
Manufacture and erection of tie-rod and a mast SRs 2000.1 No:553 and the end user is REK Bitola in mine Brod Gneotino.	FAM Forderanlagen - Magdeburg	48 tons	2007
Manufacture of economizer (heat exchanger) for BKCM 20 boiler.	TOPLIFIKACIJA AD Skopje	20 tons	2007
Manufacture and erection of oil tank of V=3000m ³ .	TOPLIFIKACIJA AD Skopje	90 tons	2007
Erection of equipment for place for drying (Bernardi) and overhaul of chain in a place for drying in Feni Kavadarci.	FENI INDUSTRI	70 tons	2007
Overhaul of chain in a place for drying	FENI INDUSTRI		2007
Dismantling, manufacture and erection of steel structure.	Ferronikeli Glogovac - Kosovo	100 tons	2007
Dismantling, manufacture and erection of facade and roof sheet metal.	Ferronikeli Glogovac - Kosovo	17.000 m ²	2007
Dismantling, manufacture and erection of windows.	Ferro-nikeli Glogovac - Kosovo	2.000 m ²	2007
Complete reconstruction of two electrostatic precipitators.	Ferronikeli Glogovac - Kosovo		2007
Dismantling of two crude oil tanks of V=5.000 m ³ .	TOPLIFIKACIJA AD Skopje	200 tons	2007
Manufacture of steel structure and silos for a cement factory in Tirana - Albania.	KONSTAT 2000	450 tons	2006-2007
Manufacture of non-standard equipment for ships with machining.	VENTILATOR Zagreb	280 tons	2006-2007
Refurbishment of a furnace in Okta refinery Skopje.	OIL REFINERY OKTA AD		2006-2007
Manufacture and erection of hydro equipment for hydroelectric power plant „Sv. Petka“ and end user AD ELEM Skopje	GOPLA	100 tons	2006
Manufacture of steel structure for cement factory Holcim Serbia.	DELTA INZENERING Belgrade	475 tons	2006
Dismantling of a bridge crane with crane capacity of 50.000 kg.	Ferronikeli Glogovac - Kosovo	90 tons	2006
Dismantling of damaged steel structure (to the height of 40m) in a ferronikel factory in Glogovac.	Ferronikeli Glogovac - Kosovo	250 tons	2006
Manufacture and erection of newly manufacture steel structure in a ferronikel factory in Glogovac.	Ferronikeli Glogovac - Kosovo	250 tons	2006
Replacement of a hydrant network for water in OKTA according to submitted bills of quantities for civil and machine works.	OIL REFINERY OKTA AD	50 tons	2006
Execution of a supply pipeline Φ 1120 mm of Km 0+000 до 1+200.00 for HMS Lisice – Veles upon an open invitation to tender no.10/2005 according to submitted documentation.	JPV Lisice - Veles	300 tons	2006
Manufacture of economizers (heat exchangers) for BKCM 50 boiler.	TOPLIFIKACIJA AD Skopje	44 tons	2005-2006
Dismantling of old and erection of new economizers for BKCM 50 boiler.	TOPLIFIKACIJA AD Skopje	88 tons	2005-2006
Dismantling and erection of steel link conveyor with a length of 160m. Complete replacement of rails, buckets and chains with geometric control.	TITAN Cement factory USJE		2005
Dismantling and erection of a driving and driven gear of a rotating clinker kiln (with centering).	TITAN Cement factory USJE		2005
Manufacture and erection of steel structure of a pedestrian bridge over the Vardar river (Gazela bridge) in Skopje.	Municipality of KARPOS Skopje		2005
Horizontal and vertical oil tanks	OIL REFINERY OKTA AD		2005-2008
Horizontal and vertical oil tanks	MAKPETROL AD		2005-2008



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