



www.refractory-power-tech.fi
www.uniheat.cz

STEEL
CONSTRUCTIONS



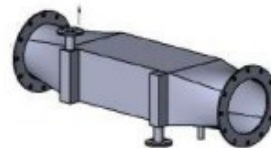
STEEL
CONSTRUCTIONS

REFRACTORY
MATERIALS



HIGH TEMPERATURE
FIBER INSULATIONS

HIGH TEMP.
HEAT EXCHANGERS



HEAT EXCHANGER
FLUE GAS - WATER

HIGH TEMP.
CASTINGS



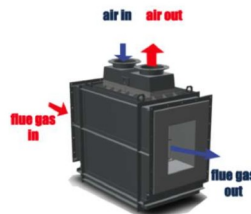
FURNACE
ROLLS



GASS, AIR PIPES



HIGH TEMPERATURE
DENSE REFRACTORY

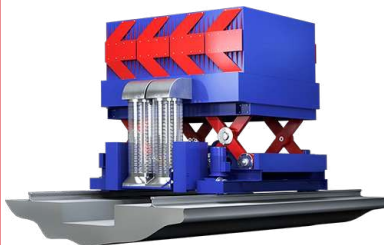


HEAT EXCHANGER
FLUE GAS - AIR



RADIANT
TUBES

EQUIPMENTS FOR
AL. PRODUCING



ELECTROMAGNETIC
STIRRERS

HANDLING
EQUIPMENTS

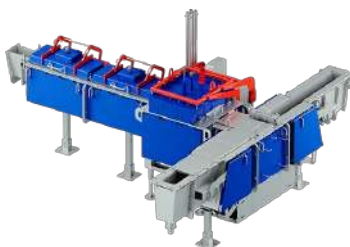


ROLLER CONVEYER,
LOADING MACHINES

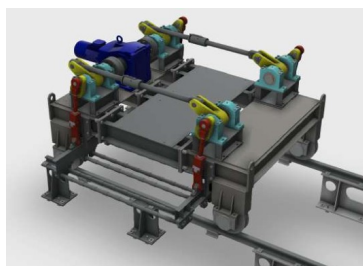
HEAT-RESISTANT
ENAMELS



HEAT-RESISTANT
ENAMELS



FILTRATION AND
TRANSFER OF MELT



MATERIAL HANDLING
MACHINES



ANCILLARY
MATERIALS



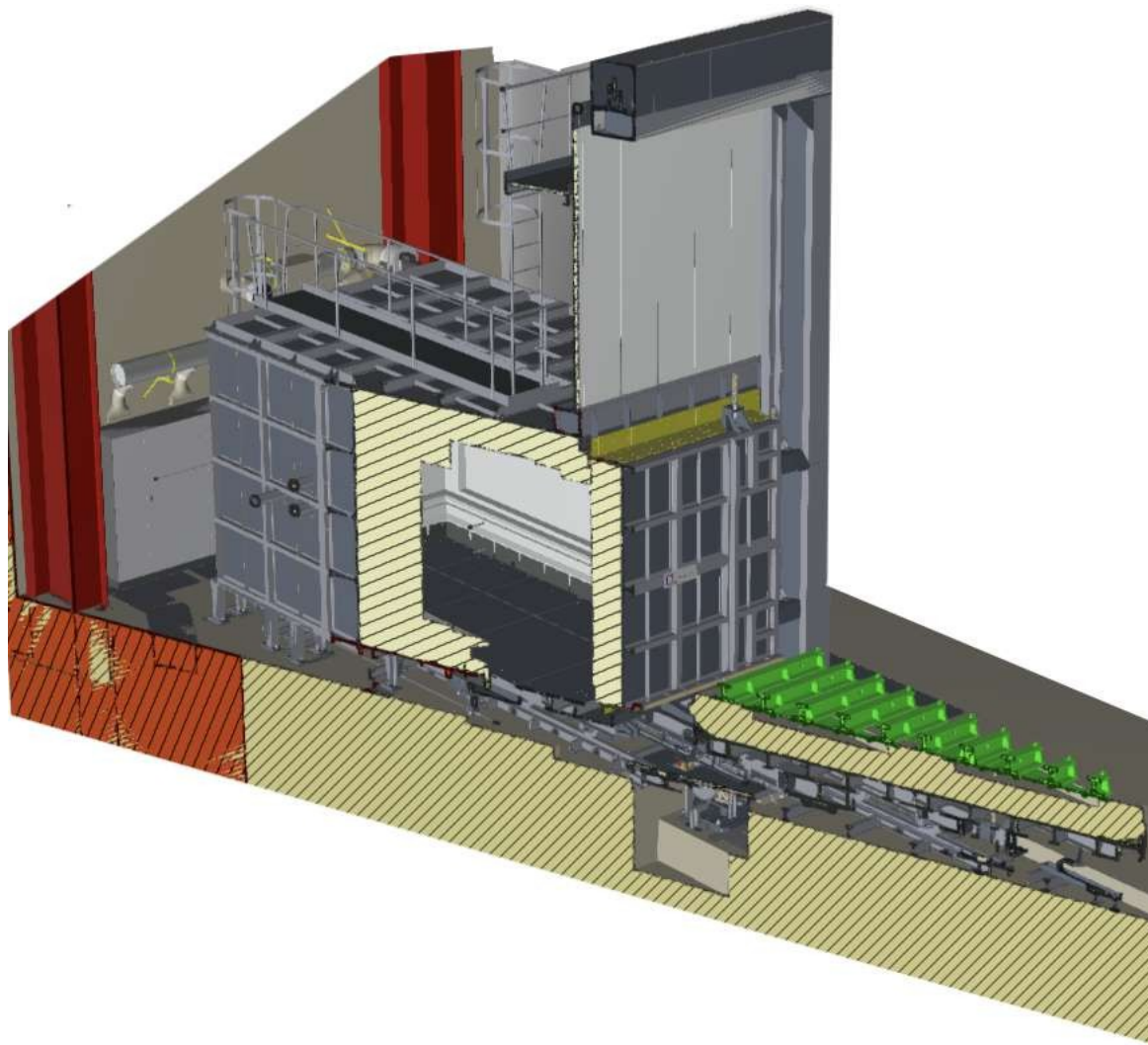
STEEL
CONSTRUCTIONS



FURNACE
INSULATIONS



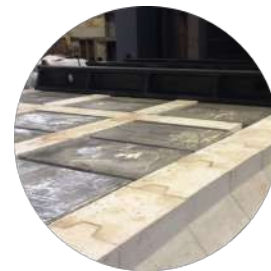
REFRACTORY
CONCRETES



HEAT
EXCHANGERS

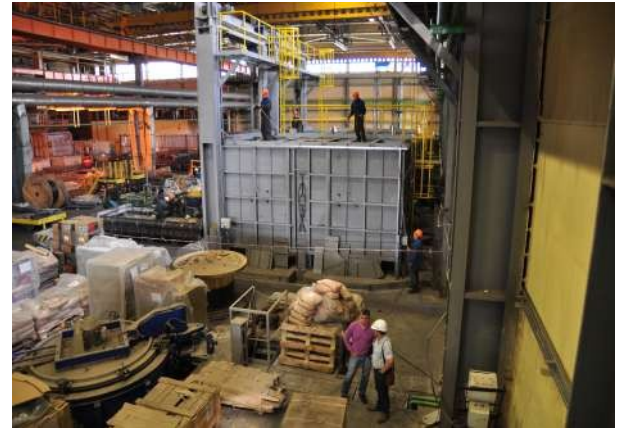


HEAT-RESISTANT
ENAMELS



HIGH TEMP.
CASTING

STEEL CONSTRUCTIONS, GAS/AIR PIPES

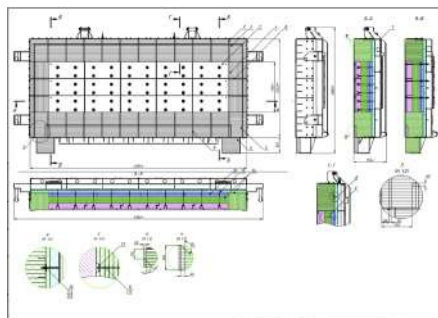
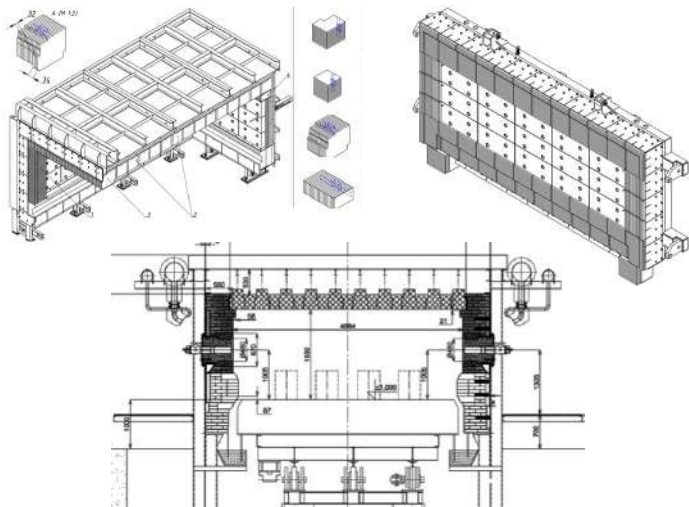




REFRACTORY MATERIALS AND INSULATIONS



REFRACTORY MATERIALS



design



production and delivery



installation

HIGH TEMPERATURE INSULATIONS - LININGS



CF/ BS
blankets



CF/ BS
modules



CF
papers



CF / SilCal
boards



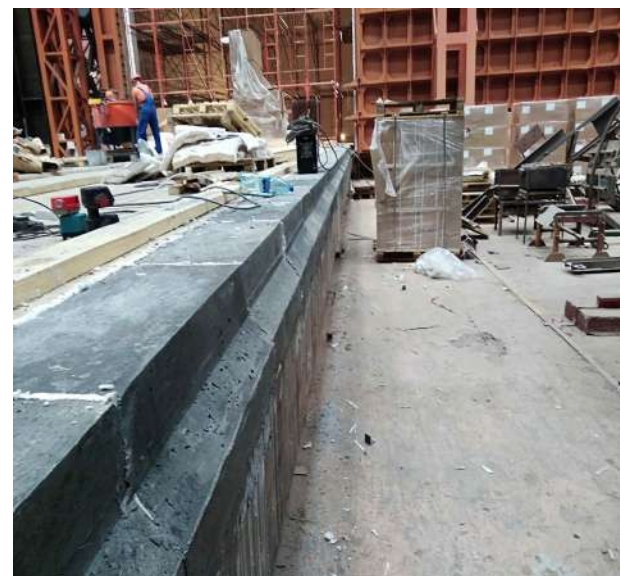
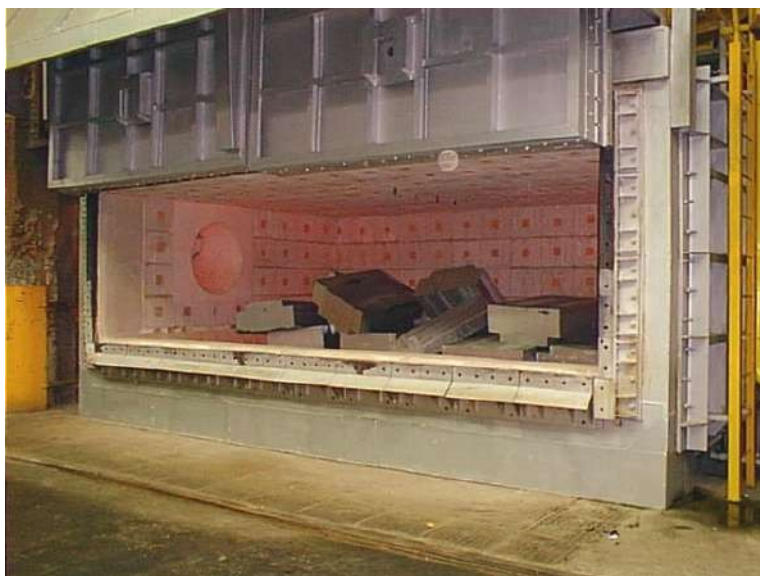
LW
bricks



concretes





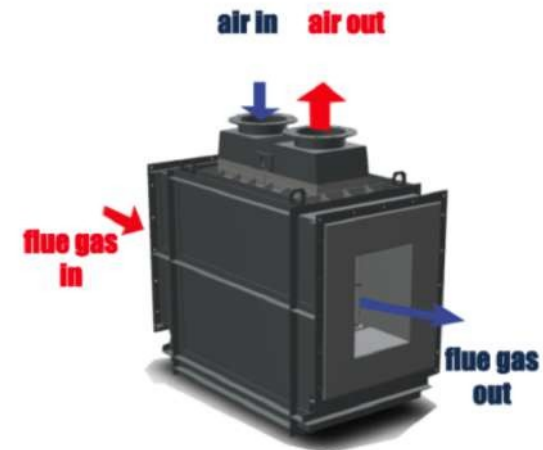


HEAT EXCHANGERS

 **Termo** heat exchanger production
nord
stream

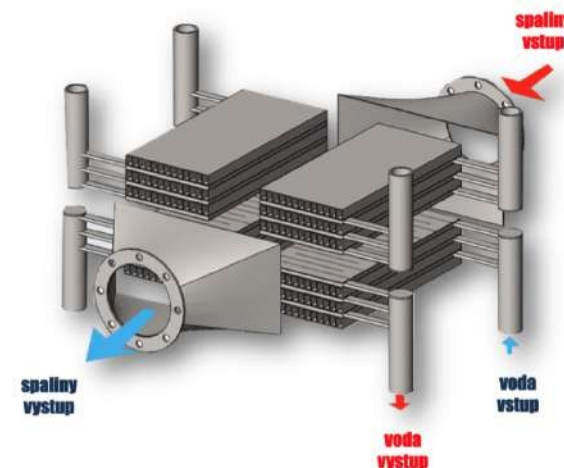
ADVANTAGES OF RECUPERATORS FLUE GAS / AIR

- ü HIGH EFFICIENCY
- ü VERY GOOD PRICE
- ü HIGH LIFE – UP TO 15 YEARS
- ü OPERATION TEMPERATURE UP TO 1250 °C
- ü PRACTICAL IMPLEMENTATION OF THE PROJECTS WITH DUST CONTENT UP TO 250 G/NM³
- ü WORKING WITH ABRASIVE AND CHEMICALLY AGGRESSIVE COMPOUNDS.



ADVANTAGES OF RECUPERATORS FLUE GAS / LIQUID

- ü HIGH EFFICIENCY
- ü VERY GOOD PRICE
- ü HIGH LIFE – UP TO 15 YEARS
- ü OPERATION TEMPERATURE UP TO 1250 °C
- ü THE MODULAR DESIGN OF THE HEAT EXCHANGER IMPROVES ITS MAINTAINABILITY



	TUBE EXCHANGER	OPT EXCHANGER
Flue gas temperature - IN, °C	1 100	1 100
Flue gas temperature - OUT, °C	690	787
Flue gas volume, m ³ /hod	5300	5300
Air temperature - IN, °C	20	20
Air temperature - OUT, °C	500	500
Air volume, m ³ /hod	4200	4200
Sizes, mm*mm*mm	1100*1620*2200	848*840*570
Construction volume, m ³	3,92	0,4
Weight, kg	2700	630



HIGH TEMPERATURE CASTINGS

Centrifugal castings

This is a progressive method which we use for castings with cylindrical shape with internal cavity supplied in graded sizes to customer specification. Thanks to the manufacturing process they meet homogeneity and purity comparable with rolled materials. The cylindrical shape is considered as one of the main advantages facilitating replacement of pieces with low workability or savings on internal diameter machining.

Main applications:

- radiant tubes
- furnace rollers
- burners
- radiation sections in petrochemistry
- sealing rings in pumps
- valve inserts
- roll bodies
- cylindrical blanks





Minimum internal $\varnothing$: 50 mm

Minimum wall thickness: 6mm

Requests for welding or cutting to the length are fulfilled.

Basic parameters:

Outer $\varnothing$	71	83	89	100	102	108	111	114	116	120	122	125	129
Length	2200	2700	2500	2900	3500	2700	2900	4040	3500	3100	3500	2900	2900
Outer $\varnothing$	132	134	136	137	138	140	144	149	150	152	157	159	160
Length	3000	3100	3400	3100	2900	3300	3100	3500	3000	3500	2100	3500	3500
Outer $\varnothing$	162	168	175	180	195	200	210	222	260	308	355	406	
Length	3000	3400	3400	3500	3400	3000	3500	3500	3580	2700	3900	2300	

PARAMETERS OF CENTRIFUGALLY CAST PIPES:

- ü MINIMUM OUTER DIAMETER : 71 MM
- ü MAXIMUM OUTER DIAMETER : 406 MM
- ü MINIMUM INTERNAL DIAMETER : 50 MM
- ü MINIMUM WALL THICKNESS : 6 MM
- ü MAXIMUM LENGHT : 4 000 MM
- ü MAXIMUM WEIGHT : 1 000 KG

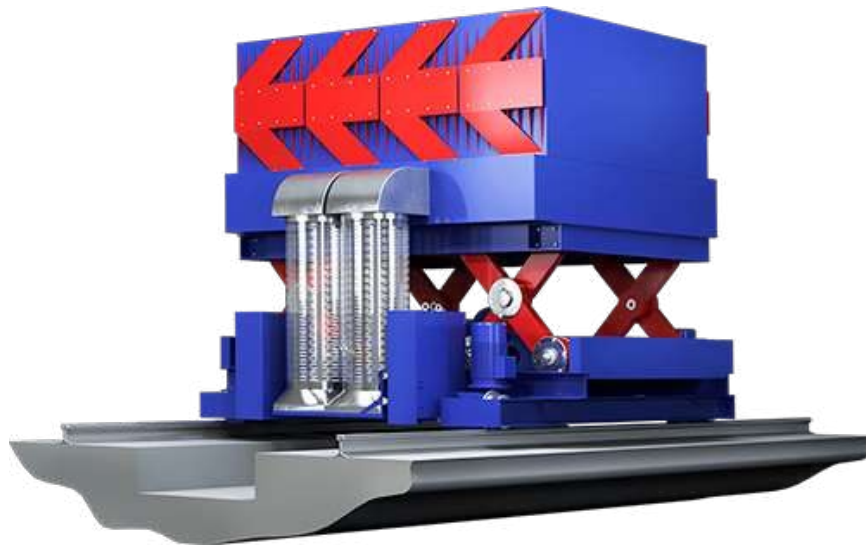


EQUIPMENTS FOR ALUMINIUM PRODUCING



660062, Russia, Krasnoyarsk,
Televizornaya, 4B

ELECTROMAGNETIC STIRRERS



ALUMINIUM FILTRATION AND LAUNDERS

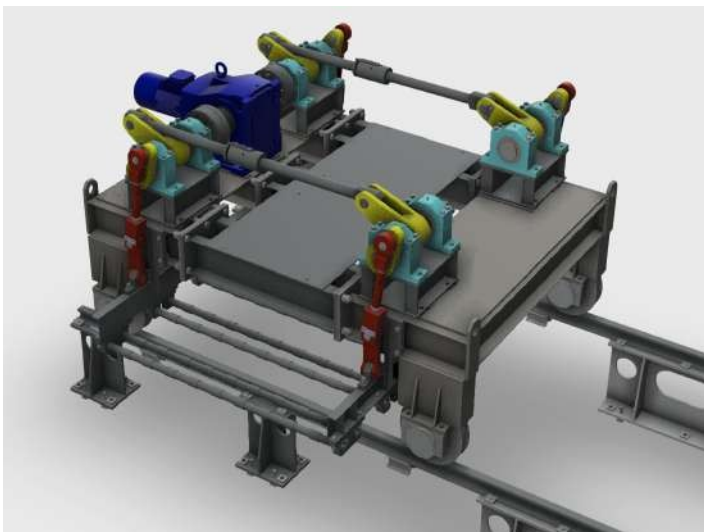


HANDLING EQUIPMENT

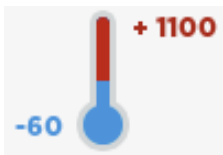








HEAT-RESISTANT ENAMELS



WORKING
TEMPERATURE
FROM -60 °C
TO 1100 °C



APPLICATION
AT NEGATIVE
TEMPERATURE



PREMIUM
QUALITY AND
GOOD PRICE



Representativ in Finland:
Refractory & Powertech Oy

legal address :

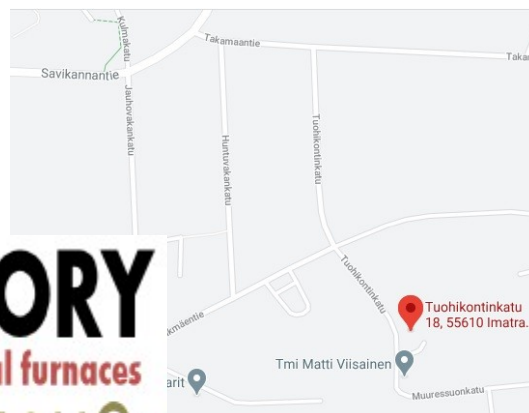
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