

In today's heavy Industry BK-Services is an experienced and highly estimated partner for high quality products and a flexible and innovative supplier of all type of Steel Plant Equipment:

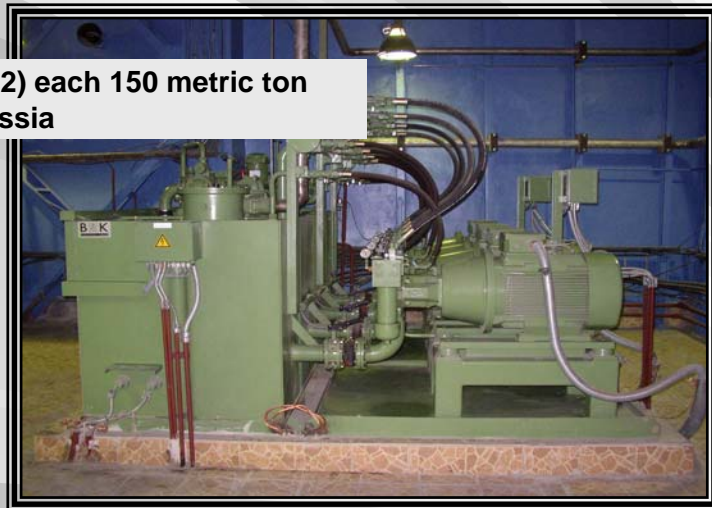
Topic 01:

Tilting Platform for 150 metric ton Electric Arc Furnace for Stainless Steel Plant in Germany



Topic 02:

Hydraulic Systems for two (2) each 150 metric ton Electric Arc Furnaces in Russia



BK-Services GmbH, Zunftstrasse 20, 77694 Kehl-Marlen, Germany

US Office: INTECS Inc., Erwin Schmitt, 4960 Fish Pond Rd, Salisbury, NC 28146

Tel: (704) 633-6082 - e-mail: erwin@intecsinc.com

01:

Tilting Platform for 150 metric ton Electric Arc Furnace for Stainless Steel Plant in Germany

Replacement of Tilting Platform for large Stainless Steel Producer in Germany:

- Furnace Shut Down Dec 24-06
- Furnace Start Up Jan 03-07

Delivery of Tilting Platform in one unit.

All demands for testing and examination of welding seams were fulfilled despite the highly complicated welding construction.

Adjacent components Gantry, Furnace Shell and Foundation were fitted together without any problems.

All function tests were fulfilled with the first approach.

Constructional measures by BK-Services to reduce the wear between Rocker Track and Rocker had excellent results.



TECHNICAL DATA

Furnace Tap Only Stainless Steel	150 mT
Dimensions :	L x W x H
L=8500 x W=7700 x H=2500	
Weight of Platform	75 mT
Weight EAF Gantry	70 mT
Transformer	120 MVA

Quality Steelmaking.....

02:

Hydraulic Systems for two (2) each 150 metric ton Electric Arc Furnaces in Russia

BK-Services designed & supplied hydraulic systems for two (2) 150t Electric Arc Furnaces in Russia:

Also included were 6 brand new in house manufactured regulation cylinders equipped with special security valve blocks.

Power stations were linked to new control and regulation systems installed at the same time. Electrical connection to EAF control-system via Siemens Profi-Bus

After design, manufacturing and testing the equipment was shipped in June 2006 to Russia. The first furnace was revamped in August, Furnace No 2 in December 2006. Installation and Commissioning for each power station: 10 days.

TECHNICAL DATA

Furnace Tap	150 mT
Hydro Pumps (1 Standby)	4x160 kW
Accumulator Station	4000 Ltr
Electrode Cylinder:	
Stroke:	4500 mm
Piston:	230 mm

**.... from one Source !**

03:

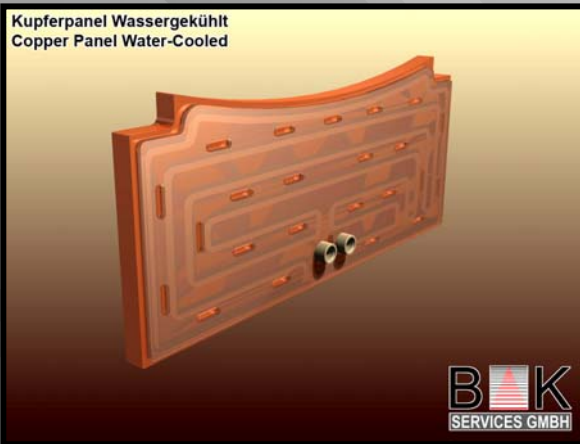
Previous Projects at BK-Services:

EAF Copper Panels

and

Heavy Hydraulic Cylinders.

Kupferpanel Wassergekühlt
Copper Panel Water-Cooled



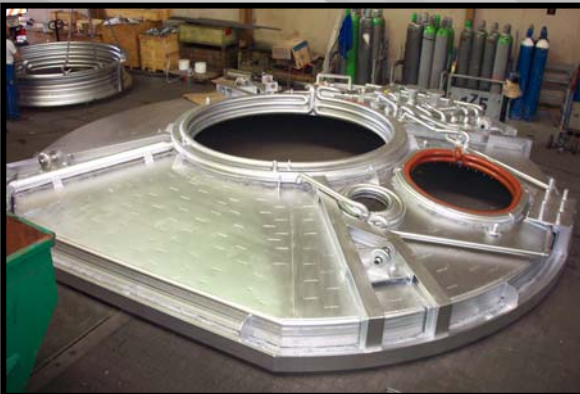
Schwere Hydraulikzylinder
Heavy Hydraulic Cylinders



EAF Mono Roof

and

WC Copper Burner Panel



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For inquiries call (704) 633-6082, or send e-mail to: erwin@intecsinc.com