

REFERENCE LISTS



MACHINES AND EQUIPMENT FOR COKEMAKING PLANTS

Customer	Type	Type of operation	Chamber dimensions in hot state		Capacity	Year of commissioning, hand over	Note
			width [mm]	height [mm]	[m ³]		
TŽ Třinec, Czech Republic	Change the stamping box opening direction Stamping, Charging and Pushing Machine No. 7 COB No. 12	Stamped charging	430	3 645	19,2	2017	
TŽ Třinec, Czech Republic	Coke Guide Car No. 1 COB No. 11	Stamped charging	430	3 645	19,2	2017	Partial reconstruction
TŽ Třinec, Czech Republic	Stamping, Charging and Pushing Machine No. 5 COB No. 12	Stamped charging	430	3 645	19,2	2017	Partial reconstruction
TŽ Třinec, Czech Republic	Gas Transfer Car COB No. 11	Stamped charging	430	3 645	19,2	2016	EPC delivery
TŽ Třinec, Czech Republic	Coke Guide Car No. 2 COB No. 11	Stamped charging	430	3 645	19,2	2016	Complete reconstruction
TŽ Třinec, Czech Republic	Stamping, Charging and Pushing Machine No. 8 COB No. 11	Stamped charging	430	3 645	19,2	2016	EPC delivery
TŽ Třinec, Czech Republic	Stamping, Charging and Pushing Machine No. 5 COB No. 12	Stamped charging	430	3 645	19,2	2015	Detail Engineering of partial reconstruction
TŽ Třinec, Czech Republic	Coke Guide Car No. 1 COB No. 11	Stamped charging	430	3 645	19,2	2015	Detail Engineering of partial reconstruction
TŽ Třinec, Czech Republic	Gas Transfer Car COB No. 11	Stamped charging	430	3 645	19,2	2014	Detail Engineering
TŽ Třinec, Czech Republic	Coke Guide Car No. 2 COB No. 11	Stamped charging	430	3 645	19,2	2014	Detail Engineering
Eregli Iron & Steel Works Company (ERDEMIR), KDZ. Eregli, Turkey	Coke Oven Batteries No. 1+3, By – product plant	Top charging	438	4 572	23,2	2014	Audit of existing stage
ArcelorMittal Ostrava a. s., Ostrava, Czech Republic	Stamping, Charging and Pushing Machines No. 31, 32, COB No. 1, 2	Stamped charging	430	3 645	19,2	2014	Technical assistance for stamping boxes measurements evaluation and their adjustment
TŽ Třinec, Czech Republic	Coke Oven Battery No. 11	Stamped charging	430	3 645	19,2	2013	Detail Engineering
TŽ Třinec, Czech Republic	Stamping, Charging and Pushing Machine No. 8 COB No. 11	Stamped charging	430	3 645	19,2	2013	Detail Engineering
TŽ Třinec, Czech Republic	Stamping, Charging and Pushing Machine No. 5 COB No. 12	Stamped charging	430	3 645	19,2	2013	Reconstruction of steel structure

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Cokemaking Plant Svoboda, OKK Koksovny a. s., Ostrava, Czech Republic	Installation of mini ascension pipes with reconstruction of Gas Transfer Car COB No. 8	Stamped charging	515	3 500	23,97	2013	EPC delivery
Cokemaking Plant Svoboda, OKK Koksovny a. s., Ostrava, Czech Republic	Modernization of reversing equipment COB No. 7	Stamped charging	515	3 500	23,97	2012	
Cokemaking Plant Svoboda, OKK Koksovny a. s., Ostrava, Czech Republic	Modernization of reversing equipment COB No. 8	Stamped charging	515	3 500	23,97	2012	
TŽ Třinec, Czech Republic	Coke Guide Car No. 3 COB No. 12	Stamped charging	430	3 645	19,2	2011	Complete reconstruction
TŽ Třinec, Czech Republic	Stamping, Charging and Pushing Machine No. 7 COB No. 12	Stamped charging	430	3 645	19,2	2011	Complete reconstruction
TŽ Třinec, Czech Republic	Coke Guide Car No. 1 COB No. 12	Stamped charging	430	3 645	19,2	2011	Partial reconstruction
TŽ Třinec, Czech Republic	Stamping, Charging and Pushing Machine No. 5 COB No. 12	Stamped charging	430	3 645	19,2	2011	Partial reconstruction
TŽ Třinec, Czech Republic	Gas Transfer Car COB No. 12	Stamped charging	430	3 645	19,2	2011	EPC delivery
KK Zabrze S.A. Radlin, Poland	Ascension Pipes Lid and Frame Cleaner	Stamped charging	450	5 070		2011	
KK Zabrze S.A. Radlin, Poland	Coal Block Cover	Stamped charging	450	5 070		2010	

MACHINES AND EQUIPMENT FOR BULK HANDLING OPERATIONS

Customer	Type	Capacity [t/m ³]	Material	Bulk density [t/m ³]	Year of commissioning, hand over	Note
TŽ Třinec, Czech Republic	Gantry Belt Stacker	1 500 (at 2 t/m ³)	sintering mixture	0,5 ÷ 2,7	2015	Detail Engineering, coordination, supervision
TŽ Třinec, Czech Republic	Gantry Bucket Reclaimer PN 1200	1 200 (at 2 t/m ³)	sintering mixture	0,5 ÷ 2,7	2013	Feasibility study
TŽ Třinec, Czech Republic	Gantry Belt Stacker PZ 1500	1 500 (at 2 t/m ³)	sintering mixture	0,5 ÷ 2,7	2012	Feasibility study

ANOTHER MACHINES AND EQUIPMENT

Customer	Type	Type of operation	Capacity	Year of commissioning, hand over	Note
VZ Kladno TŽ Třinec, ČR	Pump station modernization of water system	Water system of billet and middle-fine mill		2017	Detail Engineering, as-built documentation, author supervision – mechanical and civil part
TŽ Třinec, Czech Republic	Disintegrator	Disintegration of frozen bulk materials in wagons before defrosting	1 wagon/ 10 minutes	2014	Feasibility study