

# Kryukiv Wagon

## Heading for TAS' machinery holding

July 28, 2008

## Inna Perepelytsya

pi@concorde.com.ua +380 44 391 5577

### Tickers

Bloomberg	KARZ OZ
Market information	
Market price, USD	3.8
MCap, USD mln	435.7
52 Wk H/L, USD	8.5/3.2
No of shares, mln	114.7
Free float	2%
Free float, USD mln	8.7

10/07 117

# Concorde Rating\* BA

\* The rating is based on Concorde Capital's corporate governance survey. O denotes quality corporate governance standards, AA - above average standards, A - average, BA - below average and P - poor.

#### Shareholders

Management	50%
TAS	30%
Other	20%

Current price: USD 3.8 12M Target: USD 8.0

BUY

- Last week, TAS Group said that HSBC was chosen to structure a holding of its railway machinery assets, including Kryukiv
- Kryukiv Wagon's press office told us that the company signed contracts with Ukrzaliznytsya and Belarus Railways for 130 passenger wagons in 2008 (63% more than we expected)
- 1Q08 financials: sales +39% yoy; EBITDA margin was 22.3% vs. 12.9% in 1Q07
- We upgrade our recommendation to BUY, with a new 12M target price of USD 8.0 per share

### Part of holding: casting deliveries more secure

Last week TAS Group announced that HSBC was chosen to structure a holding of its railway machinery assets, including Kryukiv, Dniprovahonmash and Kremenchuk Steel Casting. In May, TAS announced plans to structure its railcar manufacturing assets into a single holding, with a view toward an IPO on the LSE in 2-3 years. We believe the company will benefit from closer ties to Kremenchuk Steel Casting, the largest CIS producer of casting, which, as we highlighted in our January report, is scarce on the market.

#### More sales of passenger wagons

In telephone conversation with us last week, a company representative informed us that Kryukiv Wagon signed contacts for 110 passenger wagons with Ukrzaliznytsya (for which it has received a down payment) and 20 more to Belarus Railways. The company also told us about plans to increase its production capacity of passenger wagons from 200 units p.a. to 500 units p.a. in the mid-term. Theoretically, Ukrzaliznytsya could order up to 500 p.a., as it says 40% of it passenger fleet (3 ths units) need replacement. Overall, we conservatively assume that by 2017 Kryukiv Wagon will sell 270 passenger wagons annually.

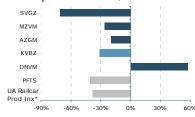
#### 1Q08 financial improvements

Though 1H08 financials are not yet available, the company's 1Q08 margins were the best among the five Ukrainian railcar producers: its EBITDA margin was 22.3% (12.9% in 1Q07), and net margin was 14.9% (11.2% in 1Q07). We believe improved margins were the result of the company's efforts to optimize costs, in addition to setting higher prices for passenger wagons to Ukrzaliznytsya. In 2008, the price for a Kryukiv passenger railcar grew by 31% (to USD 868 ths) vs. our expectation of 5% growth.

### Stock performance



## Stock performance, 12M



### Monthly trading volumes, USD mln



Source: PFTS, Bloomberg, Concorde Capital

\* Concorde Capital's Ukrainian Railcar Producers Index is MCap weighted, free float adjusted; it includes KVBZ UZ, DNVM UZ, AZGM UZ, MZVM UZ, SVGZ UZ

#### Key financials & ratios

	Sales, USD mln	EBITDA Margin	Net Margin	E
2007	408.9	14.7%	9.7%	
2008E	578.9	22.0%	15.3%	
2009E	636.9	21.8%	15.3%	

P/E	EV/EBITDA	EV/S
11.0	7.3	1.1
4.9	3.4	0.8
4.5	3.2	0.7

Spot exchange rate: 4.85 UAH/USD



## **Forecast revisions**

Based on new information from management, we upgrade our forecasts for Kryukiv Wagon. We maintain our revenue estimates from the company's non-passenger railcar business (80-90% of sales in the last two years) unchanged.

## Kryukiv Wagon passenger wagon sales forecast revisions

		2008E	2009E	2010E
Unit sales	new	130	135	150
	old	80	100	130
Price, USD ths	new	868	894	921
	old	716	738	760

Source: Concorde Capital estimates

### Kryukiv Wagon financial forecast revisions

		2008E	2009E	2010E
Revenues, USD mln	new	578.6	636.9	683.8
	old	523.0	608.1	653.0
EBITDA margin	new	22.0%	21.8%	20.6%
	old	15.8%	16.1%	16.6%
Net margin	new	15.3%	15.3%	14.4%
	old	11.1%	11.2%	11.6%

Source: Concorde Capital estimates



# **Peer valuation**

## Peer summary, USD mln

<b>,</b> , , , , , , , , , , , , , , , , , ,									
	Country	MCap	MCap Net Revenue		EBITI	DA Mgn	Net Mgn		
		USD mln	2008E	2009E	2008E	2009E	2008E	2009E	
Kryukiv Wagon	Ukraine	436	578.6	636.9	22.0%	21.8%	15.3%	15.3%	
Emerging Markets									
China Motor Corp	China	872	919.5	1000.3	7.6%	8.1%	4.9%	5.5%	
Jinxi Axle Company Ltd	China	225	198.7	248.9	9.4%	8.7%	5.7%	6.0%	
Iochpe-Maxion SA	Brazil	976	1030.9	1157.3	14.7%	14.7%	8.1%	7.9%	
Altay Vagon	Russia	170	473.1	567.7	12.0%	12.0%	8.2%	8.2%	
Tverskoy Vagonostroitelniy	Russia	326	730.3	612.9	6.6%	7.2%	1.9%	3.5%	
Average			670.5	717.4	10.0%	10.2%	5.8%	6.2%	

## Peer multiples

reel multiples								
	Country	MCap	EV/S	Sales	EV/E	BITDA	P.	/E
		USD mln	2008E	2009E	2008E	2009E	2008E	2009E
Kryukiv Wagon	Ukraine	436	0.8	0.7	3.4	3.2	4.9	4.5
Emerging Markets								
China Motor Corp	China	872	0.9	0.8	11.8	10.2	19.2	15.9
Jinxi Axle Company Ltd	China	225	1.0	0.8	11.1	9.3	19.8	15.0
Iochpe-Maxion SA	Brazil	976	1.0	0.9	7.1	6.0	11.7	10.7
Altay Vagon	Russia	170	0.4	0.3	3.4	2.8	25.3	21.1
Tverskoy Vagonostroitelniy	Russia	326	0.6	0.7	8.9	9.6	68.5*	44.0*
Average			0.8	0.7	8.4	7.6	19.0	15.7
Implied KVBZ price, USD			4.0	3.9	9.4	9.2	14.7	13.3
Implied/Upside			6%	4%	147%	141%	286%	249%



# **DCF** valuation

### DCF output, UAH mln, as of July 28

	2008E	2009E	2010E	2011E	2012E	2013E	2014E	2015E	2016E	2017E
EBITDA	634	687	696	709	703	654	662	659	667	673
EBIT	616	666	671	682	676	626	633	630	638	643
Tax Rate	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
Taxed EBIT	462	499	503	512	507	470	475	473	478	482
Plus D&A	18	22	25	26	27	27	28	29	29	30
Less CapEx	(90)	(100)	(70)	(50)	(28)	(28)	(28)	(29)	(29)	(30)
Less change in OWC	(102)	(33)	(28)	(35)	(16)	(11)	(10)	(7)	(5)	(4)
FCFF	288	387	430	453	490	458	465	466	473	478
WACC	16.2%	15.9%	14.8%	12.9%	12.0%	11.1%	11.2%	11.2%	11.3%	11.5%
Discounted cash flow	270	364	351	328	317	267	243	219	200	181
Sum of discounted CF		2,470								
						P	erpetuity g	rowth rate		1.0%
						V	/ACC to pe	rpetuity		11.0%
Terminal value		1,831								4,830
						Ir	nplied exit	EBITDA m	nultiple	7.2 x
Firm value		4,301								
Portion due to TV		43%								
Less net debt		(3)								
Equity value		4,298								
Implied 12M price, USD		7.6								

## Sensitivity analysis

Implied Share Price, USD

WACC Y1-10		Perpetuity Growth Rate							
	0.0%	0.0% 0.5% 1.0% 1.5% 2.0%							
-1.5%	7.8	8.0	8.2	8.4	8.6				
-1.0%	7.6	7.8	8.0	8.2	8.4				
-0.5%	7.4	7.6	7.8	8.0	8.2				
0.0%	7.2	7.4	7.6	7.8	8.0				
+0.5%	7.1	7.2	7.4	7.6	7.8				
+1.0%	6.9	7.0	7.2	7.4	7.6				
+1.5%	6.7	6.9	7.0	7.2	7.4				
- · <del>-</del>				–					

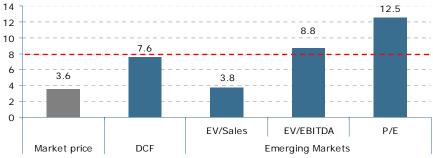
Implied Share Price, USD	

WACC to perpetuity	Perpetuity Growth Rate				
	0.0%	0.5%	1.0%	1.5%	2.0%
9.5%	7.7	7.9	8.1	8.3	8.6
10.0%	7.5	7.7	7.9	8.1	8.4
10.5%	7.4	7.5	7.7	7.9	8.2
11.0%	7.2	7.4	7.6	7.8	8.0
11.5%	7.1	7.3	7.4	7.6	7.8
12.0%	7.0	7.2	7.3	7.5	7.6
12.5%	7.0	7.1	7.2	7.3	7.5

## **Valuation summary**

We continue to give a higher weight to multiples-implied prices and set our 12M target for Kryukiv Wagon at USD 8.0 per share.

## Valuation results, USD per share



Note: Red line – target price. Source: PFTS, Concorde Capital estimates



# Financial Statements, UAS

Income Statement Summary, USD mln

	2007	2008E	2009E	2010E	2011E	2012E	2013E
Net Revenues	409	579	637	684	738	764	782
Gross Profit	75	150	161	162	165	165	155
Gross margin	18.4%	26.0%	25.3%	23.7%	22.4%	21.6%	19.9%
EBITDA	60	127	139	141	143	142	132
EBITDA margin	14.7%	22.0%	21.8%	20.6%	19.4%	18.6%	16.9%
Depreciation	(3)	(4)	(4)	(5)	(5)	(5)	(6)
EBIT	57	124	134	136	138	137	126
EBIT margin	13.9%	21.3%	21.1%	19.8%	18.7%	17.9%	16.2%
Interest Expense	(1)	(2)	(2)	(3)	(3)	(3)	(2)
PBT	53	118	130	131	134	134	124
Tax	(13)	(30)	(32)	(33)	(34)	(33)	(31)
Effective tax rate	25%	25%	25%	25%	25%	25%	25%
Net Income	40	89	97	98	101	100	93
Net Margin	9.7%	15.3%	15.3%	14.4%	13.6%	13.1%	11.9%

Balance sheet Summary, USD mln

	2007	2008E	2009E	2010E	2011E	2012E	2013E
<b>Current Assets</b>	145	174	189	198	210	215	219
Cash & Equivalents	9	14	19	21	22	23	24
Trade Receivables	8	12	13	14	15	15	16
Inventories	75	81	86	94	100	105	108
Other current assets	53	67	71	70	72	72	72
Fixed Assets	51	65	81	90	94	95	95
PP&E, net	45	56	73	87	93	93	93
Other Fixed Assets	6	10	8	3	2	2	1
Total Assets	197	239	270	288	304	309	313
Shareholders' Equity	158	196	217	227	237	247	252
Share Capital	17	17	8	8	8	8	8
Reserves and Other	141	179	209	219	229	239	244
Current Liabilities	38	40	42	45	48	47	48
ST Interest Bearing Debt	10	10	10	11	11	9	9
Trade Payables	6	9	10	10	11	12	13
Other Current Liabilities	22	21	23	24	25	26	27
LT Liabilities	0	4	11	16	19	15	13
LT Interest Bearing Debt	-	4	11	16	19	15	13
Other LT	-	-	-	-	-	-	-
Total Liabilities & Equity	197	239	270	288	304	309	313

Source: Company data, Concorde Capital estimates



## **Analyst certification**

I, Inna Perepelytsya, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of our compensation was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed in this research report.

Kryukiv Wagon rating history

Date	Target price USD	Market Price USD	Rec	Action
28-Jan-08	7.5	6.9	HOLD	Initiate
28-Jul-08	8.0	3.8	BUY	Upgrade





## **Investment Ratings**

The time horizon for target prices in Concorde Capital's research is 12 months unless otherwise stated. Concorde Capital employs three basic investment ratings: Buy, Hold and Sell. Typically, Buy recommendation is associated with an upside of 15% or more from the current market price; Sell is prompted by downside from the current market price (upside <0%); Hold recommendation is generally for limited upside within 15%. Though investment ratings are generally induced by the magnitude of upside, they are not derived on this basis alone. In certain cases, an analyst may have reasons to establish a recommendation where the associated range given above does not correspond. Temporary discrepancies between an investment rating and its upside at a specific point in time due to price movement and/or volatility will be permitted; Concorde Capital may revise an investment rating at its discretion. A recommendation and/or target price might be placed Under Review when impelled by corporate events, changes in finances or operations. Investors should base decisions buy, Hold or Sell a stock on the complete information regarding the analyst's views in the research report and on their individual investment objectives and circumstances.

#### **Concorde Capital ratings distribution**

Buy	77	68%
•	//	
Hold	21	18%
Sell	7	6%
Under Review	9	8%
Total	114	100%

### Investment banking clients\*

Buy	7	100%
Hold	0	0%
Sell	0	0%
Under Review	0	0%
Total	7	100%

<sup>\*</sup> Within the last twelve month period, Concorde Capital has obtained compensation from these companies for investment banking services.



Concorde Capital, Head office

2 Mechnikova Street, 21st Floor Parus Business Centre

Kyiv 01601, Ukraine Tel.: +380 44 391 5577 Fax: +380 44 391 5571

www.concorde.ua

Concorde Capital

4 Fourth Lesnoy Pereulok, 5th Floor

Capital Plaza

Moscow 125047, Russia Tel.: +7 495 642 87 15 Fax: +7 495 225 85 00

office@concorde.com.ua

RESEARCH

Head of Equity Sales
Roman Nasirov rn@concorde.com.ua

im@concorde.com.ua

**Equity Sales** 

**CEO** Igor Mazepa

Anastasiya Nazarenko an@concorde.com.ua Marina Martirosyan mm@concorde.com.ua Andriy Supranonok sap@concorde.com.ua Marina Cherednichenko cmg@concorde.com.ua Alyona Degrik dav@concorde.com.ua

**Director of Research** 

Konstantin Fisun, CFA kf@concorde.com.ua

Strategy

Konstantin Fisun kf@concorde.com.ua Oleksandr Klymchuk ok@concorde.com.ua

Metals & Mining

Eugene Cherviachenko ec@concorde.com.ua Andriy Gerus ga@concorde.com.ua

**Utilities (Telecom, Energy)** 

Alexander Paraschiy ap@concorde.com.ua

Oil & Gas, Chemicals, Pharmaceuticals

Vladimir Nesterenko vn@concorde.com.ua

Real Estate/Construction

Andriy Gostik, CFA ag@concorde.com.ua Alexander Romanov ar@concorde.com.ua

Consumer-related

Olha Pankiv op@concorde.com.ua Anna Dudchenko ad@concorde.com.ua

Machinery

Inna Perepelytsya pi@concorde.com.ua

Financial Services, Retail

Alexander Viktorov av@concorde.com.ua

**Economics** 

Polina Khomenko pk@concorde.com.ua
Andrii Parkhomenko pav@concorde.com.ua

Fixed Income

Oleksandr Klymchuk ok@concorde.com.ua

Editor

Brad Wells bw@concorde.com.ua

### Disclaimer

THIS REPORT HAS BEEN PREPARED BY CONCORDE CAPITAL INVESTMENT BANK INDEPENDENTLY OF THE RESPECTIVE COMPANIES MENTIONED HEREIN FOR INFORMATIONAL PURPOSES ONLY. CONCORDE CAPITAL DOES AND SEEKS TO DO BUSINESS WITH COMPANIES COVERED IN ITS RESEARCH REPORTS. AS A RESULT, INVESTORS SHOULD BE AWARE THAT CONCORDE CAPITAL MIGHT HAVE A CONFLICT OF INTEREST THAT COULD AFFECT THE OBJECTIVITY OF THIS REPORT.

THE INFORMATION GIVEN AND OPINIONS EXPRESSED IN THIS DOCUMENT ARE SOLELY THOSE OF CONCORDE CAPITAL AS PART OF ITS INTERNAL RESEARCH COVERAGE. THIS DOCUMENT DOES NOT CONSTITUTE OR CONTAIN AN OFFER OF OR AN INVITATION TO SUBSCRIBE FOR OR ACQUIRE ANY SECURITIES. THIS DOCUMENT IS CONFIDENTIAL TO CLIENTS OF CONCORDE CAPITAL AND IS NOT TO BE REPRODUCED OR DISTRIBUTED OR GIVEN TO ANY OTHER PERSON.

CONCORDE CAPITAL, ITS DIRECTORS AND EMPLOYEES OR CLIENTS MIGHT HAVE OR HAVE HAD INTERESTS OR LONG/SHORT POSITIONS IN THE SECURITIES REFERRED TO HEREIN, AND MIGHT AT ANY TIME MAKE PURCHASES AND/OR SALES IN THEM AS A PRINCIPAL OR AN AGENT. CONCORDE CAPITAL MIGHT ACT OR HAS ACTED AS A MARKET-MAKER IN THE SECURITIES DISCUSSED IN THIS REPORT. THE RESEARCH ANALYSTS AND/OR CORPORATE BANKING ASSOCIATES PRINCIPALLY RESPONSIBLE FOR THE PREPARATION OF THIS REPORT RECEIVE COMPENSATION BASED UPON VARIOUS FACTORS, INCLUDING QUALITY OF RESEARCH, INVESTOR/CLIENT FEEDBACK, STOCK PICKING, COMPETITIVE FACTORS, FIRM REVENUES AND INVESTMENT BANKING REVENUES.

PRICES OF LISTED SECURITIES REFERRED TO IN THIS REPORT ARE DENOTED IN THE CURRENCY OF THE RESPECTIVE EXCHANGES. INVESTORS IN FINANCIAL INSTRUMENTS SUCH AS DEPOSITORY RECEIPTS, THE VALUES OR PRICES OF WHICH ARE INFLUENCED BY CURRENCY VOLATILITY, EFFECTIVELY ASSUME CURRENCY RISK.

DUE TO THE TIMELY NATURE OF THIS REPORT, THE INFORMATION CONTAINED MIGHT NOT HAVE BEEN VERIFIED AND IS BASED ON THE OPINION OF THE ANALYST. WE DO NOT PURPORT THIS DOCUMENT TO BE ENTIRELY ACCURATE AND DO NOT GUARANTEE IT TO BE A COMPLETE STATEMENT OR SUMMARY OF AVAILABLE DATA. ANY OPINIONS EXPRESSED HEREIN ARE STATEMENTS OF OUR JUDGMENTS AS OF THE DATE OF PUBLICATION AND ARE SUBJECT TO CHANGE WITHOUT NOTICE. REPRODUCTION OF THIS DOCUMENT IN WHOLE OR IN PART WITHOUT PRIOR PERMISSION IS PROHIBITED.

NEITHER THIS DOCUMENT NOR ANY COPY HEREOF MAY BE TAKEN OR TRANSMITTED INTO THE UNITED STATES OR DISTRIBUTED IN THE UNITED STATES OR TO ANY U.S. PERSON (WITHIN THE MEANING OF REGULATION S UNDER THE U.S. SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT")), OTHER THAN TO A LIMITED NUMBER OF "QUALIFIED INSTITUTIONAL BUYERS" (AS DEFINED IN RULE 144A UNDER THE SECURITIES ACT) SELECTED BY CONCORDE CAPITAL.

THIS DOCUMENT MAY ONLY BE DELIVERED WITHIN THE UNITED KINGDOM TO PERSONS WHO ARE AUTHORIZED OR EXEMPT WITHIN THE MEANING OF THE FINANCIAL SERVICES AND MARKETS ACT 2000 ("FSMA") OR TO PERSONS WHO ARE OTHERWISE ENTITLED TO RECEIVE THIS DOCUMENT UNDER THE FINANCIAL SERVICES AND MARKETS ACT 2000 (FINANCIAL PROMOTION) ORDER 2005, OR ANY OTHER ORDER MADE UNDER THE FSMA.