



Bridge Type Bucket Wheel Reclaimer

No.	Purchaser Client Place of installation Country	Type	Design capacity t/h	Material	Recl. Direct.	Nom.Buck.Vol. x Belt width l x mm	Bucket wheel Ø m	Rail gauge m	In Oper since	Remarks
1/ 2	August-Thyssen-Hütte Schwelgern, Germany	BR/SB+2R	2300	Iron ore/ Pellets	2	400 x 1200	7.6	28	1970	
3/ 6	<u>Hamersley</u> Iron Pty., Ltd., Perth, Paraburao, Australia	BR/DB +1R	13500	Iron ore	1	1950 x 1524/12,9 x 1524/57,1	9.0	51.8	1972	Shaft mounted BW with connecting conveyor and bridge conveyor
7	<u>Ferteco</u> Mineracao S.A. Belo Horizonte, Brazil	BR/SB+2R	2200	Iron ore	2	450 x 1219	7.8	40	1974	Transfer car
8	Polysius Cementos <u>Uniland</u> S.A., Barcelona, Spain	BR/DB+1R	800	Limestone	1	200 x 800	4.4	37	1974	
9/ 10	<u>ISCOR</u> Vanderbijlpark South Africa,	BR2/DB+4R	1280	Iron ore	2	280 x 1066	4.8	30	1975	Trolleys fix coupled
11	Krupp Stahl AG <u>HWR</u> Bochum, Germany		1200	Iron ore		300 x 1000		45	1975	
12	<u>NIBRASCO</u> Tubarao, Brazil	BR2/DB+4R	1820	Iron ore/ Pellets	2	355 x 1066	5.2	30	1975	Trolleys fix coupled
13	Polysius Saudi Cement Co. <u>Sanver III</u> Dammam, Saudi Arabia		700	Limestone		200 x 800	4.4	37	1975	
14	National Iranian Steel Industries, <u>NISIC</u> Ahwaz, Iran	BR/DB+1R	600	Iron ore	1	250 x 1200	5.2	39	1976	
15	PREAG <u>Wölfersheim</u> , Germany	BR/SB+2R	640	Lignite	2	320 x 1000	9.8	34	1976	Bucket Wheel cell type, Transfer Car
16	<u>Lurgi</u> Krivoyrog, UdSSR	BR/SB+1R	1500	Iron Ore/ Pellets	1	400 x 1400	8	25	1977	Bucket Wheel cell type, Transfer Car
17/ 18	Türkiye Demir ve Gelik İşletmelerie <u>Karabük</u> , Turkey	BR/SB+1R	700	Iron ore	1	200 x 1000		39	1977	
19	<u>Alcoa</u> of Australia Ltd. Pinjarra, Australia	BR/DB+1R	2845	Bauxite	1	620 x 1200/11,5 x 1200/42,6	6.4	39.6	1977	Shaft mounted BW with connecting conveyor and bridge conveyor



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20	SUEZ Cement Company Suez, Egypt	BR/SB+2S	300	Clay	2	225 x 762	4.4	27	1978	
21	Ewald Kohle Herten, Germany	BR.5/DB+1 R	1400	Raw coal	1	160 x 1000/7,6 125 x 1000/7,6 x 1600	3 x 4,0 2 x 3,8	32	1978	Bucket Wheels cell type, Transfer Car
22	Elecon Kudremukh, India	BR/SB+1S	3500	Iron ore	1	600 x 1400	8.7	40	1979	Bucket Wheel cell type
23	Alcoa_of Australia Ltd. Alcoa III Perth, Australia	BR/SB +1R	2200	Bauxite	1	750 x 1400	9.4	50	1980	
24	Great Lakes Carbon COPETRO Buenos Aires, Argentina	BR/SB +2R	300-600	Petrolcoke	2	570 x 1000	7.1	33.5	1981	
25	CSR Energy Div., Drayton, Australia	BR/SB +2R	2000	Coal	2	1400 x 1400	9	46	1983	Material transfer in two directions, Transfer car
26	Alcoa, Brazil	BR/SB +2R	2000	Bauxite	2	750 x 1400	9.2	50	1984	Material transfer in two directions, Transfer car
27	BAG Westfalen Haus Aden II	BR5/DB+1R	1400	Raw coal	1	160 x 1000/7,6 x 1600	5 x 4,0	32	1985	Bucket Wheels cell type
28	CSR Energy Div., Drayton, Australia	BR/SB +2R	2000	Coal	2	1400 x 1400	9	46	1989	Material transfer in two directions, Transfer car
29	Kobe Steel Ltd. FMO Ferrominera Puerto Ordaz Venezuela	BR/DB +2R	1800	Iron ore	1	230 x 1066	4.8	33.4	1992	Trolleys travel independent
30/ 31/ 32	SAIL Steel Authority of India, Durgapur, India	BR/SB+1R	600	Coal	1	910 x 1200	7.72	22.86	1992	Transfer car
33	SAIL Steel Authority of India, Durgapur, India	BR2/SB+2R	900	Mix Sinter	1	910 x 1200	7.72	35	1992	Trolleys fix coupled, Transfer car
34	Ferteco Mineracao S.A. Belo Horizonte, Brazil	BR2/SB+2R	2500	Iron Ore	1	680 x 1200	7.9	40	1998	Trolleys fix coupled, Transfer car



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35	<u>Kobrasco</u> Tubarao, Brazil	BR2/SB+2R	1000	Iron Ore Concentrate	1	400 x 1000	7.9	30	1998	Trolleys fix coupled, material transfer in two directions
36	<u>Alcoa-Pinjarra</u> Western Australia	BR/SB+R	3850	Bauxite	1	x 1600	10	48	1998	Transfer car
37	Ferrosstaal Aktiengesellschaft Iron ore Project, <u>Chador Malu</u> , Iran	BR2/ DB+2R	2300	Iron ore	1	360 x 1200	5.2	40.6	1999	Trolleys fix coupled, Material transfer in two directions, Transfer car
38	Polysius S.A. <u>SUEZ</u> Cement Company Suez - Egypt	BR/SB +2S	300	Clay	2	125 x 800	4.4	27.0	1999	
39	<u>Hammersley</u> Iron Pty. Ltd., Dampier, Western Australia	BR/DB+R	10000	Iron Ore	1	x 1800 x 1800	9.4	51.8	1999	Shaft mounted BW with connecting conveyor and bridge conveyor
40	Minera Loma de Niguel, <u>MLdN</u> Tiara, Venezuela	BR/SB +2S	325	serpenti- nized periodit	2	450 x 1067	7.1	47	2000	
41/ 42	<u>Hammersley</u> Iron Pty. Ltd., Dampier, Western Australia	BR/DB+R	10000	Iron Ore	1	x 1800 x 1800	9.4	51.8	2000	Shaft mounted BW with connecting conveyor and bridge conveyor
43	<u>MBR</u> Tamanduá-MG, BRAZIL	BR/DB+	3000	Iron Ore	1	600 x 1200	5.6	39	2001 / 2002	Double Bucketwheel Bridge Reclaimer
44	<u>Corus</u> Port Talbort, UK	BR2/DB+2R	300-1500	Sinter Ore	1	330 x 1000 x 1000	5.3	25.9	2004	2 shaft mounted BW's with connecting and bridge conveyors BW trolleys fix coupled Transfer car
45	CVRD Pátio L - Vitória-ES BRAZIL	BR2/SB+2R	2500	Iron Ore	2	450 x 1400	8.2	36.0	2007	Trolleys fix coupled
46	MBR Itabirito, MG BRAZIL	BR2/DB+1R	2738	Iron Ore	1	600 x 1200	5.6	39.0	2007	
47	NIBRASCO ES BRAZIL	BR2/DB+2R	2500	Iron Ore	2	600 x 1200	5.6	30.0	2008	



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48 / 49 / 50 / 51	VALE Carajás / Serra Sul BRAZIL	BR2/SB+2R	6200	Iron Ore	2	1120 x 1800	10.5	46.0	2010	4x machines