



Engineering  
made by ThyssenKrupp Fördertechnik

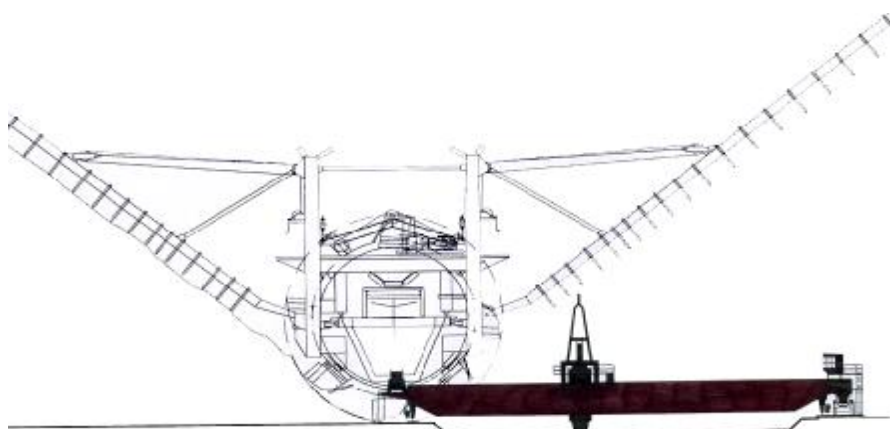
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## Brückenschaufelradgeräte

## Bridge Type Bucket Wheel Reclaimer

## Ponts de reprise à roue-pelle



### Reference list of bridge type bucket wheel reclaimers

On this list are given those bridge type bucket wheel machines that, from 1970 onwards, were built by ThyssenKrupp Fördertechnik and the former independent companies which are nowadays integrated in the ThyssenKrupp Fördertechnik group. Among the above companies are Buckau-Wolf, Demag-Lauchhammer, Pohlig-Heckel-Bleichert (PHB) and Weserhütte, which later on became known as PWH

The machines which were constructed before 1970 are not mentioned on this list any more.

### Referenzliste Brücken-Schaufelradgeräte

Aufgelistet sind die Brücken-Schaufelradgeräte, die ab 1970 von ThyssenKrupp Fördertechnik und den früher selbständigen Unternehmen, die heute in die ThyssenKrupp Fördertechnik integriert sind, gebaut wurden. Hierzu gehören Buckau-Wolf, Demag-Lauchhammer, Pohlig-Heckel-Bleichert (PHB) und Weserhütte, die später nach der Fusion von PHB und Weserhütte als PWH bekannt wurden.

Die vor 1970 gebauten Brücken-Schaufelradgeräte sind in dieser Liste nicht mehr aufgelistet.

### Liste de référence des récupérateurs à roue-pelle du type pont

Sur cette liste sont énumérées des machines à roue-pelle qui ont été construites dès 1970 par ThyssenKrupp Fördertechnik et les anciennes sociétés indépendantes, à présent intégrées dans le groupement ThyssenKrupp Fördertechnik. Parmi celles-ci comptent Buckau-Wolf, Demag-Lauchhammer, Pohlig-Heckel-Bleichert (PHB) et Weserhütte, qui ont été connues plus tard sous le nom PWH après la fusion de PHB et Weserhütte.

Les machines à roue-pelle en construction pont qui ont été construites avant 1970 ne figurent plus sur cette liste.

### Type designations

BR/SB	Bridge Type Reclaimer / Single Bridge
BR/DB	Bridge Type Reclaimer / Double Bridge
	with number of Bucket Wheels
+ R	Number of Rakes
+ S	Number of Scrapers

Translation	Übersetzung	Traduction	Traducción
<b>Material handled:</b>	<b>Fördergut:</b>	<b>Produit à manutentionner:</b>	<b>Material a transportar:</b>
Alumina	Tonerde	Alumine	Alúmina
Amonium sulphate	Amoniumsulfat	Sulfate d'ammonium	Sulfato de amonio
Apatite	Apatit	Apatite	Apatita
Bauxite	Bauxit	Bauxite	Bauxita
Clay	Ton	Argile	Arcilla
Clinker	Klinker	Clinker	Clinker
Coal	Kole	Charbon	Carbón
Coking coal	Kokskohle	Charbon à coke	Hulla para coque
Coke	Koks	Coke	Coque
Coper concentrate	Kupferkonzentrat	Cuivre concentré	Concentrado de cobre
Crome ore	Chromerz	Minerai de chrome	Mineral de cromo
Dolerite	Dolerit	Dolérite	Dolerita
Fertilizer	Düngemittel	Engrais	Fertilizante
Fertilizer granulate	Düngemittel Granulat	Engrais granulé	Fertilizante granulados
Gold concentrate	Goldkonzentrat	Or concentré	Concentrado de oro
Grain	Getreide	Céréales	Cereales
Gypsum	Gips	Gypse	Yeso
Heavy soda	Schwer-Soda	Soude lourde	Sosa pesada
Iron ore	Eisenerz	Minerai de fer	Mineral de hierro
Iron ore concentrate	Eisenerzkonzentrat	Concentré de minerai de fer	Concent. De mineral de hierro
Kaolin	Kaolin	Kaolin	Caolin
Lime	Kalk	Chaux	Cal
Limestone	Kalkstein	Calcaire	Caliza
Limestone (high grade)	Kalkstein (hochgradig)	Calcaire (à haut degré)	Caliza (de alta concentración)
Limestone-clay-mixture	Kalkstein-Ton-Gemisch	Mélange calcaire / argile	Mezcla de caliza y arcilla
Limestone (marty)	Kalkstein (mergelig)	Calcaire marneux	Caliza margosa
Marl	Mergel	Marne	Marga
Pellets	Pellets	Boulettes	Pellets
Phosphate	Phosphat	Phosphate	Fosfato
Potash	Kalisalz	Potasse	Sales potásicas
Pyrite	Pyrit	Pyrite	Pirita
Quartz rock	Quartgestein	Minerai de quartz	Mineral de cuazo
Raw coal	Rohkohle	Charbon brut	Carbón en bruto
Raw wash coal	Rohwaschkohle	Charbon brut de lavage	Carbón en bruto
Rock salt	Steinsalz	Sel gemme	Sal gema
Rock phosphate	Steinphosphat	Phosphate pierreux	Piedra de fosfato
Run of mine coal	Förderkohle	Charbon tout-venant	Carbón todo uno
Salt	Salz	Sel	Sal
Sand (calcareous)	Sand (kalkhaltig)	Sable (calcaire)	Arena (calcáreo)
Shale	Tonschiefer	Argile schisteuse	Arcilla esquistosa
Sintermagnesite	Sintermagnesit	Magnésite frittée	Magnesita sinterizada
Soda ash	Soda-Asche	Cendre de soude	Ceniza de sosa
Slate	Schiefer	Schoste	Esquisto
Stone coal	Steinkohle	Charbon	Carbón de piedra
Sugar	Zucker	Sucre	Azúcar
Sulphur	Schwefel	Sulfure	Sulfuro
Urea	Harnstoff	Urée	Urea
KCL	KCL	KCL	KCL
DAP	DAP	DAP	DAP
MAP	MAP	MAP	MAP

# 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>Hamerslay</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>Lurgj</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	

# 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
19	Alcoa 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
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+1R	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

# 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
34	<u>Ferteco</u> 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
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	Ferrostaal 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>Hamerslay</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>Hamerslay</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	1 Double Bucketweel 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 (prev)	Trolleys fix coupled



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