



Engineering
made by ThyssenKrupp Fördertechnik

References Referenzen
Références Referencias

**Bridge Type Scraper Reclaimers
for circular stores**

**Brückenkratzer
für Kreislager**

**Gratteurs horizontal
pour parc polaire**

**Rascadores de puente
para el parque circular**

Translation	Übersetzung	Traduction	Traducción
Purchaser	Besteller	Client	Cliente
Location	Aufstellungsort	Lieu d'installation	Lugar de instalación
Year of construction	Baujahr	Année de construction	Año de construcción
Type of construction	Typ (Bauart)	Type de construction	Tipo de construcción
Material handled	Fördergut	Produits à manutentionne	Material a transportar
Bulk density t/m ³	Schüttgewicht t/m ³	Densité t/m ³	Densidad aparente t/m ³
Type designation:	Typ-Bezeichnung	Désignation du type:	Designación del tipo:
Example: KHO-600/40	Beispiel: KHO-600/40	Exemple: KHO-600/40	Ejemplo: KHO-600/40
KHO = bridge type scraper for circular store	KHO = Brückenkratzer für Kreislager	KHO = Grateur horizontal pour parc polaire	KHO = Rascador de puente para parque circular
600 = Reclaim. Rate t/h	600 = Ausstapelleistung t/h	600 = Débit de reprise t/h	600 = Capacidad t/h
40 = Diameter of store m	40 = Lagerdurchmesser m	40 = Diametre m	40 = Diametros m

Referenzen der Unternehmen Demag, Polysius, O & K, Krupp India, PWH, PHB, Krupp Industrietechnik sowie der heutigen ThyssenKrupp Fördertechnik und ihrer Auslandsgesellschaften.

References of the companies Demag, Polysius, O & K, Krupp India, PWH, PHB, Krupp Industrietechnik as well as the ThyssenKrupp Fördertechnik of today and its foreign subsidiaries.

Um die Referenzliste übersichtlich zu halten, beginnt sie mit den Lieferungen aus dem Baujahr 1970.

In order to keep the reference list clear, it is starting with equipment , the year of construction of which was 1970.

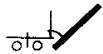
Translation	Übersetzung	Traduction	Traducción
Material handled:	Fördergut:	Produit à manutentionner:	Material a transportar:
Alumina	Tonerde	Alumine	Alúmina
Amonium sulphate	Amoniumsulfat	Sulfate d'ammonium	Sulfato de amonio
Apatite	Apatit	Apatite	Apatita
Bauxite	Bauxit	Bauxite	Bauxita
Clay	Ton	Argile	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	Caolín
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

Reclaiming scrapers / Abbaukratzer / Gratteurs de reprise

Bauart/Sinnbild
Type/Symbol
Type/Symbole

Bezeichnung
Notation
Désignation

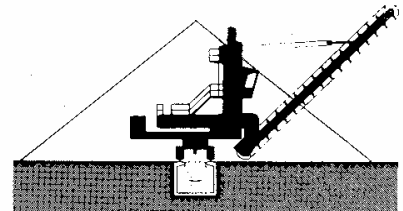
ZWD



Zweischienen-
Schwenkkratzer
mit 2 Schwenkwerken

Twinrail slewing scraper
with double slewing gear

Grateur-birail pivotant
à double orientation



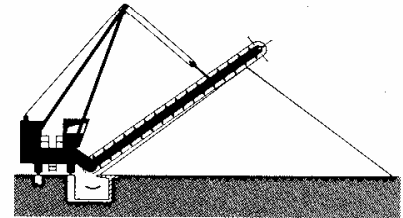
SK



Seitenkratzer

Side scraper

Grateur latéral



VP



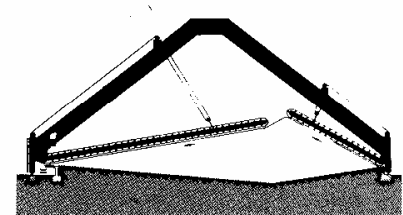
Vollportalkratzer

Portal scraper

Grateur portique

VP 1 mit Kratzerketten nur auf einer Seite
with scraper chains one side only
à chaînes gratteuses d'un côté

VP 2 mit Kratzerketten auf beiden Seiten
with scraper chains both sides
à chaînes gratteuses des deux côtés



Die Zahl hinter dem Querstrich gibt die Leistung in t/h wieder, die Zahl hinter dem Schrägstrich die Kratzerlänge (bei ZWD- und SK-Kratzern), die Spannweite (bei VP- und LHO-Kratzern) oder den Durchmesser des Kreislagere (bei KHO-Kratzern), jeweils in m.

The figure behind the dash shows the capacity in t/h, the figure behind the inclined stroke the length of scraper (with ZWD- and SK-type scrapers), the span (with VP- and LHO-type scrapers), or the circular store diameter (with KHO-type scrapers) in m.

Le chiffre après le trait d'union marque le débit en t/h, celui après la barre oblique la longueur du grateur (pour grateurs ZWD et SK), la portée (s'il s'agit de grateurs VP ou LHO), ou diamètre parc polaire (pour grateurs KHO) en m.

Reclaiming scrapers / Abbaukratzer / Gratteurs de reprise

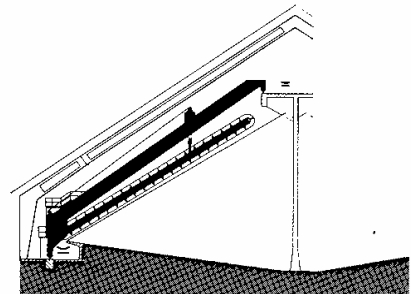
Bauart/Sinnbild
Type/Symbol
Type/Symbole

Bezeichnung
Notation
Désignation

HP



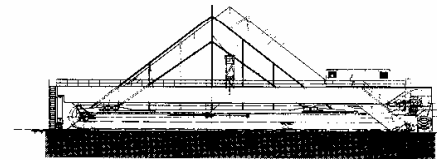
Halbportalkratzer
Semi-portal scraper
Gratteur semi-portique



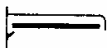
LHO



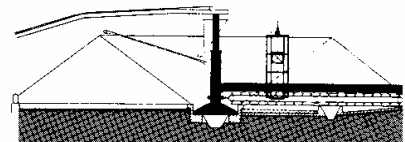
Brücken-(Homogenisierungs-)
Kratzer für Längslager
Bridge-type (homogenizing)
scraper for longitudinal store
Gratteur horizontal pour parc
longitudinal



KHO



Brücken-(Homogenisierungs-)
Kratzer für Kreislager
Bridge-type (homogenizing)
scraper for circular store
Gratteur horizontal pour parc
polaire



Beispiele:

SK-400/16

Seitenkratzer, 400 t/h Leistung, 16 m
Kratzerlänge

VP1-280/32

Vollportalkratzer mit einer oder mehreren
Hauptkratzerketten, 280 t/h Leistung,
32 m Spannweite

VP2-800/47

Vollportalkratzer mit Haupt- und Neben-
kratzerketten, 800 t/h Leistung, 47 m
Spannweite

LHO-400/42

Brückenskratzer für Längslager, 400 t/h
Leistung, 42 m Spannweite

KHO-750/86

Brückenskratzer für Kreislager mit 86 m
Durchmesser, 750 t/h Leistung

Examples:

SK-400/16

Side scraper, capacity 400 t/h, length
of scraper 16 m

VP1-280/32

Portal scraper capacity 280 t/h, span 32,
with scraper chain one side only

VP2-800/47

Portal scraper capacity 800 t/h, span 47 m,
with scraper chains both sides

LHO-400/42

Bridge-type scraper for longitudinal store,
capacity 400 t/h, span 42 m

KHO-750/86

Bridge-type scraper for circular store,
86 m \varnothing , capacity 750 t/h

Exemples:

SK-400/16

Gratteur latéral, débit 400 t/h, longueur du
gratteur 16 m

VP1-280/32

Gratteur portique débit 280 t/h, portée 32 m,
à chaîne gratteuse d'une côte

VP2-800/47

Gratteur portique débit 800 t/h, portée 47 m,
à chaînes gratteuses des deux côtes

LHO-400/42

Gratteur horizontal pour parc longitudinal,
débit 400 t/h, portée 42 m

KHO-750/86

Gratteur horizontal pour parc polaire
86 m \varnothing , débit 750 t/h

Scraper reclaimer for circular store

No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
1	Société Thionvilloise de Ciments Ebange (Moselle)	Ebange France	1968	KHO-200/54	Basic Thomas slag	1,8 - 2,0
2	Société Thionvilloise de Ciments Ebange (Moselle)	Ebange France	1970	KHO-300/96	Blast furnace slag	0,9 - 1,3
3	La Floridienne J. Buttgenbach & Cie., S.A. Bruxelle / Belgium	Gent Belgium	1970	KHO-200/54	Basic Thomas slag	1,8
4	Gelsenberg AG Dortmund-Mengede	'Gustav Knepper' Germany	1971	K-350/89	Coal	0,9
5	SACEBA, Societ� Anonima Cementi Balerna / Suisse	Morbio Inferiore Suisse	1972	KHO-100/45	Limestone	1,7
6	APO Aci�ries de Paris et d'Outreau Paris / France	Boulogne, France	1972	KHO-500/86	Manganese ore	2,1 - 2,6
7	Cementos Apasco S.A. Mexico, 3/Mexico	Apasco, Mexico	1974	KHO-360/77	Limestone	1,6
8	Gyproc GmbH Rothenburg o. d. T.	Hartershofen, Germany	1974	KHO-50/45	Gypsum	1,2 - 1,4
9	Centunion, Madrid for Cementos del Mar S.A. Alcanar / Spain	Alcanar, Spain	1975	KHO-750/86	Limestone, Clay	1,5
10	Polysius AG, Neubeckum	Badusch, Irak	1976	KHO-200/70	Limestone, Clay	1,5
11	Centunion, Madrid / Spain	Mariel, Cuba	1976	KHO-750/86	Limestone	1,5
12	Polysius AG, Neubeckum	Badusch II, Irak	1976	KHO-200/70	Limestone, Clay	1,4
13	V/O Techmaschimport, Moskau / Russia	Odessa, Russia	1976	KSK-17/29	Urea	0,75 - 0,8
14 - 15	Cementia Holding Z�rich / Suisse	Yandev Nigeria	1977	KHO-200/75	Limestone, Shale	
16	Cemento Jura S.A. Lima	San Isidro, Peru	1977	KHO-400/86	Limestone	1,6

Scraper reclaimer for circular store

No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
17	Cementos Caribe, Caracas	Puerto Cumarebo Venezuela	1977	KHO-300/93	Limestone	1,36
18	F.L. Smidth Paris	Alkaim Irak	1977	KHO-800/108	Phosphate	1,5
19	Centunion Madrid for Hornos Ibericos	Almeria Spanien	1977	KHO-400/90	Limestone, Clay	1,53
20	Cementia Holding Zürich / Suisse Cemento Andino	Venezuela	1978	KHO-150/75	Limestone	1,55
21	Fuller Company, Catasauqua Pa. USA for Empresa Industrias Guapan SA Azogues / Ecuador	Azogues, Ecuador / EC	1978	KHO-200/77	Limestone	1,45
22	Kaiser Cement & Gypsum Corp. Permanente, Ca. USA	Permanente California USA	1978	KHO-500/86	Limestone, Clay	1,6
23	J.G.C. Liaison c/o Coppée Rust Lüttich / Belgium	Qatar	1978	KSK-300/42	Sulphur	1,28 - 1,4
24 - 25	Fuller Company, Catasauqua Pa. USA for Hyunday Seoul / Korea	Gizan Suadi-Arabia	1978	KHO-500/90	Limestone	1,5
26	Cape Portland Cement Kapstadt South Africa	Kapstadt South Africa	1978	KHO-60/70	Coal	0,8 - 0,9
27	Polysius AG, Neubeckum for Loma Negra S.A. Argentina	Catamarca Argentina	1979	KHO-400/77	Limestone	1,3
28	Knauf Iphofen	Peking, China	1979	KHO-100/45	Raw Gypsum	1,2 - 1,4
29	Flintkote Cement Co. Calaveras / USA	Redding California	1979	KHO-250/70	Limestone, Shale	1,63

Scraper reclaimer for circular store

No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
30 - 31	Gewerkschaft Sophia Jacoba Hückelhoven	Hückelhoven Germany	1979	KHO-1100/90	Coal	1
32	Dyckerhoff Zementwerke AG Wiesbaden	Neuss Germany	1979	KHO-200/54	Blast furnace slag	0,8 - 1,2
33	Cementos Lima S.A. Lima / Peru	Lima Peru	1979	KHO-800/108	Limestone	1,52
34	Manufacturera de Cementos Veracruz SA / Mexico	Veracruz Mexico	1979	KHO-300/80	Limestone, Clay	1,45
35	Manufacturera de Cemento Portland La Cruz Azul Mexico D.F.	Lagunas Mexico	1979	KHO-350/90	Limestone	1,6
36	Manufacturera de Cemento Portland La Cruz Azul Mexico D.F.	Hidalgo Mexico	1979	KHO-350/90	Limestone	1,6
37	Kaiser Cement & Gypsum Corp. Permanente, Ca. USA	Cushenbury California	1980	KHO-500/86	Limestone	1,6
38	Cimento Tupi	Brasilia	1980	KHO-100/75	Granulated slag	0,9
39	Portland Iberia	Castillfjos Anover Spain	1980	KHO-750/86	Limestone	1,5
40	KWU Kraftwerks Union Erlangen	HKW Erlangen Germany	1981	K-200/46,8	Coal fines	0,85
41	Queensland Nickel Sydney Australia	Queensland Australia	1981	KHO-250/65	Coal	0,8
42	NCB National Coal Board England	Woolley England	1981	KHO-1900/90	Coal	0,93
43	Rand Mines Ltd. Marshalltown	Johannesburg South Africa	1981	KSK-500/66	Goldsand	1,6

Scraper reclaimer for circular store

No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
44	Cementos Anahuac del Golfo S.A. Mexico	Tamuin Mexico	1981	KHO-700/90	Limestone	1,6
45	Heidelberger Zement AG Heidelberg	Weisenau Mainz Germany	1981	KHO-15/85	Raw Coal	0,9 - 1,3
46	Ideal Basic Industries Cement Div. Denver, Col. USA	Fort Collins Colorado USA	1981	KHO-115/60	Limestone	1,5
47 - 48	EBV Eschweiler Bergwerksverein Herzogenrath	Zeche Emil Mayrisch Germany	1981	KHO-1200/90	Raw washing coal	1
49	EBV Eschweiler Bergwerksverein Herzogenrath	Zeche Westfalen Germany	1981	KHO-1000/90	Raw washing coal	1
50 - 51	Blue Circle Cement Pty. Ltd. S.A.	Lichtenburg, South Africa	1981	KHO-500/105	Limestone	1,4
52	Anglo Alpha South Africa	Simuma South Africa	1981	KHO-140/66	Limestone	1,36
53	Anglo Alpha South Africa	Simuma South Africa	1981	KHO-20/66	Coal	0,8
54	NCB, National Coal Bord	Grimethorpe England	1981	KHO-1800/90	Coal	0,93
55	NCB, National Coal Bord	Grimethorpe England	1981	KHO-475/70	Coal	0,93
56	Mittel - Ost		1981	KHO-500/96	Limestone, Clay	1,4
57	Mittel - Ost		1981	KHO-500/96	Limestone	1,4
58	Mittel - Ost		1981	KHO-500/96	Limestone, Clay	1,4
59	Mittel - Ost		1981	KHO-500/96	Limestone	1,4
60	Polysius	Ameriyat Ägypten	1982	KHO-700/104	Limestone	1,5

Scraper reclaimer for circular store

No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
61	Polysius	Perkasa Indonesien	1982	KHO-800/122	Limestone	1,3
62	Rand Mines Ltd. Marshalltown	Middleburg South Afrika	1982	KHO-2130/120	Coal	1
63	JGC Corp. Yokohama / Japan for Kuwait National Petr. Co.	Kuwait	1982	KVP2-400/100	Sulphur, flakes	1,12
64	Modi Rubber Cement Ltd, Werk Rawan / India	Rawan India	1982	KHO-100/77	Coal	0,8
65	RAG, Essen Germany	Schachtanlage Friedrich Heinrich Kamp-Lintford, Germany	1982	KHO-1200/54	Run of mine coal	
66	PZW Rohrbach KG, Dotternhausen / Germany	Dotternhausen Germany	1983	KHO-300/55	Ölschiefer	1,15
67	Hanil Cement Manufacturing Co. Ltd., Werk Maepo / Korea	Korea	1983	KHO-1000/96	Limestone	1,4
68	Modi Cement	Modi Gram Madhya Pradesh	1983	KHO-100/77	Coal	0,8
69	Yamama Saudi Cement Co., Werk Riyadh / Saudi Arabia	Saudia Arabia	1984	KHO-350/111	Limestone	1,5
70	Yamama Saudi Cement Co., Werk Riyadh / Saudi Arabia	Saudia Arabia	1984	KHO-300/104	Clay	1,4
71	Ketton Cement Ltd., Werk Lincolnshire / England	Lincolnshire England	1984	KHO-350/88	Limestone, Clay	1,44
72	Ketton Cement Ltd., Werk Lincolnshire / England	Lincolnshire England	1984	KHO-150/53	Limestone	1,56
73	Container Corporation	Fernandina Beach Florida / USA	1985	KSK-400/76	Wood Chips	0,35
74	JGC Corp. Yokohama / Japan for Kuwait National Petr. Co.	Kuwait	1985	KVP2-400/100	Sulphur	1,12

Scraper reclaimer for circular store

No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
75	PPC LIME Johannesburg South Africa	Lime Acres South Africa	1985	KHO-400/100	Coal	0,8
76	Container Corporation	Fernandina Beach Florida / USA	1986	KSK-400/76	Wood Chips	0,35
77	Container Corporation	Fernandina Beach Florida / USA	1986	KSK-400/54	Wood Chips	0,35
78	ICI-Wilton	Middlesbrough England	1986	KSK-450/65	Coal	0,8
79	Archer Daniels Midl., Decatur, III./USA	USA	1986	KSK-450/79	Coal	0,8
80	Archer Daniels Midl., Cedar Rapids / USA	USA	1986	KSK-450/79	Coal	0,8
81	McNally Australia Pty. Ltd., North Ryde, NSW., Australia	Howick Mine, Hunter Valley (Australia)	1986	KHO-750/72	Raw coal	
82	McNally Australia Pty. Ltd., North Ryde, NSW., Australia	Howick Mine, Hunter Valley (Australia)	1986	KHO-1000/96	Clean coal	
83	India Cement, Madras / India	Madras India	1987	KHO-100/77	Coal	0,8
84	STEAG AG, Essen, Germany	Walsum (Germany)	1987	KHO-550/90	Coal	
85	India Cement	Shankar Nagar Tamil Nadu	1987	KHO-12577	Coal	0,8
86	Gypsum Industrie	Knocknacran Ireland	1988	KHO-320/62	Raw Gypsum	1,6
87	PPC Johannesburg	Riebeeck West	1988	KHO-100/75	Duffcoal	0,8

Scraper reclaimer for circular store

No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
88	Phoenix Zementwerke Krogbeumker KG, Beckum / Germany	Beckum Germany	1988	KHO-20/25	Coal	0,8
89	AES Shady Point, Panama, Oklahoma / USA	Oklahoma USA	1988	KSK-600/79	Coal	0,8
90	Cellulose des Ardennes S.A. Harnoncourt / Belgium	Harnoncourt Belgium	1988	KHO-150/115	Wood chips	0,35
91	Cellulose des Ardennes S.A. Harnoncourt / Belgium	Harnoncourt Belgium	1988	KHO-150/115	Wood chips	0,35
92	Perlmooser Zementwerke AG, Vienna	Mannersdorf Austria	1989	KHO-30/60	Clay	
93	Nekoosa Paper Inc., Ashdown, AK / USA	USA	1989	KSK-380/114	Wood chips	0,43
94	Nekoosa Paper Inc., Ashdown, AK / USA	USA	1989	KSK-380/114	Wood chips	0,43
95	Nekoosa Paper Inc., Ashdown, AK / USA	USA	1989	KSK-113/67	Wood chips	0,35
96	Bowater Southern Paper Corp., Catawba, South Carolina / USA	South Carolina USA	1989	KSK-363/96	Wood chips	0,4
97	Air Products Cambria Cogen.	Ebensburg, PA / USA	1989	KSK-180/54,8	Coal Refuse	1,8
98	Gold Fields S.A. Ltd., Northam / R.S.A.	South Africa	1990	KSK-275/80	Platinum ore	1,8
99	E. Schwenk Zementwerke KG Werk Karlstadt / Germany	Karlstadt Germany	1990	KHO-550/81	Limestone	1,4
100	Cinouca-Werk, Buskoura / Casablanca / Morocco	Casablanca Morocco	1991	KHO-420/81	Limestone	1,4
101	La Cellulose du Rhone St. d'Aquitaine, St. Gaudens / France	St. Gaudens France	1991	KHO-240/121	Wood chips	0,3
102	E. Schwenk, Bernburg / Germany	Bernburg Germany	1991	KHO-1350/98	Limestone	1,4

Scraper reclaimer for circular store

No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
103	China Hi - Ment Corp., Kaoshiung / Taiwan	Taiwan	1991	KHO-280/68	Slag	1
104	The New Brunswick Electric Power Commission, Fredericton, NB, Canada	Belledune Generating station, Belledune, NB (Canada)	1991	KHO-1200/130	Coal	0,85
105	N.V. Energieproductiebedrijf UNA Utrecht	Amsterdam The Netherlands	1992	KHO-1200/105	Coal	0,75
106	BATICIM Bati Anadolu Cimento San. A.S.	Izmir	1992	KHO-100/85	Coal	0,8
107	TPI Polene Co. Ltd., Werk Saraburi / Thailand	Thailand	1992	KHO-1000/104	Limestone	1,35
108	TPI Polene Co. Ltd., Werk Saraburi / Thailand	Thailand	1992	KHO-400/86	Limestone	1,4
109	Hercules Cement Co., Stockertown, PA / USA	USA	1993	K-300/75	Limestone	1,5
110	Kedah Cement Shn. Bhd., Werk Langkawi Kuala Lumpur / Malaysia	Kuala Lumpur Malaysia	1993	KHO-1000/116	Limestone	1,4
111	Hercules Cement	Stockertown PA / USA	1993	KHO-300/75	Limestone	1,5
112	FR Cement Corporation	Manila Philippinen	1994	KHO-400/30	Limestone	1,4
113	TPI Polene Co. Ltd., Werk Saraburi / Thailand		1994	KHO-1000/104	Limestone	1,35
114	Suez Cement	Egypt	1996	KHO-800/98	Limestone	1,4
115	Tasek Cement	Malaysia	1996	KHO-450/83	Limestone	1,4
116	Egyptian Cement Co.	Egypt	1996	KHO-800/98	Limestone	1,4
117	Foster Wheeler Sierra Pacific Power	Reno, NV USA	1996	KSK-310/67	Raw Coal	0,88

Scraper reclaimer for circular store

No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
118	KHI-Indocement	Indonesia	1997	KHO-750/126	Limestone	1,4
119	Fluor Daniel Cerro Vanguardia	Argentina	1997	KHO-105/58	Gold ore	1,6
120	Mount Isa Mining Australia	Mount Isa, Qld	1997	KHO-250/90	Copper Concentrate	2,0
121	La Cruz Azul Mexico	Mexico	1997	KHO-300/80	Limestone	1,4
122	Buxton Lime Ind. England	England	1997	KSK-1000/66	Limestone	1,4
123	Egyptian Cement Co.	Egypt	1999	KHO-800/98	Limestone	1,4
124	BHP Australia	Muswellbrook Australia	2002	KHO-2300/145	Raw coal	0,85-1,0
125/ 126	Hovensa	St. Croix, US Virgin Islands	2002	KSK-1000/30	Coal	0,88



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