

No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
1	Salzgitter Erzbergbau AG Salzgitter / Germany	Heerte, Germany	1970	LHO-720/23	Iron ore	2,15
2	Portland Zementwerk Dotternhausen Rudolf Rohrbach KG Dotternhausen / Germany	Dotternhausen, Germany	1971	LHO-150/23	Limestone	1,4 - 1,5
3	S.A. des Ciments Portland de Lorraine Héming (Moselle)	Héming, France	1973	LHO-300/33	Limestone	1,3 - 1,4
4	Agrico Chemical Co. Tulsa (Okla.), USA	Faustina Works Donaldsonville (L.A.), USA	1973	LHO-270/41	Phosphate	1.54
5	Cimento Tupi S.A. Rio de Janeiro / Brazil	Pedra do Sino, Brazil	1974	LHO-250/41	Limestone	1.5
6	Möllers Südamericana for Fabrica de Cimento, Lagoa Santa (Minas Gerais), Brazil	Lagoa Santa, Brazil	1974	LHO-350/38	Limestone, Clay	1.5
7	PPC, Pretoria Portland Cement Cy Ltd. Johannesburg / South Africa	Slurry, South Africa	1975	LHO-600/40	Limestone	1.4
8	Chien Tai Cement Corp. Ltd. Tso Ying / Taiwan	Kaohsiung, Tawain	1975	LHO-250/30	Limestone	1.5
9	Erste Nederlandse Cementindustrie ENCI Maastricht / The Netherlands	Lixhe, Belgium	1975	LHO-300/34	Marl	1.4
10	Tehran Cement Co. Teheran / Iran	Shemal, Iran	1975	LHO-500/40	Limestone	1.5
11	New Kerman Cement Company Inc., Teheran / Iran	Kerman, Iran	1975	LHO-400/32	Limestone, Clay	1,3 - 1,5
12	Humboldt-Wedag, Köln for SNMC, Alger	Setif, Algeria	1975	LHO-300/41	Limestone	1.5
13	Marubeni/Kawasaki, Düsseldorf for Cimenterie d'El Asnam, Algeria	El Asnam, Algeria	1976	LHO-600/43	Limestone	1.3
14 / 15	Dyckerhoff Zementwerke AG, Wiesbaden for Intermosselle, Luxemburg	Rumelange, Luxemburg	1976	LHO-500/40	Limestone, Marl	1.6
16	Polysius AG, Neubeckum / Germany	Ukpillá, Nigeria	1976	LHO-150/35	Limestone, Clay	1.6



Bridge type scraper reclaimer for longitudinal store

No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
17	F.L. Smidth, Paris for Anglo Alpha Cement	South Africa	1976	LHO-450/33	Limestone	1.5
18	F.L. Smidth, Paris for Anglo Alpha Cement	South Africa	1976	LHO-150/33	Coal	0.8
19	Marubeni, Düsseldorf for Kawasaki, Tokio / Japan	Saida, Algeria	1976	LHO-300/28	Limestone	1.6
20	Polysius AG, Neubeckum / Germany	Split, Jugoslawia	1976	LHO-500/40	Limestone	1.4
21	Knauf, Iphofen / Germany	Fleurus, Algeria	1976	LHO-150/23	Gypsum	1,4 - 1,5
22	Polysius AG, Neubeckum / Germany	Yamaha, Saudi Arabia	1976	LHO-600/43	Limestone	1.3
23	Nikex, Budapest for Szikkti, Budapest / Hungary	Belapatfalva, Hungary	1977	LHO-400/42	Limestone	1.5
24	F.L. Smidth, Copenhagen / Denmark	Tourah, Egypt	1977	LHO-1000/40	Limestone	1.4
25 / 26	F.L. Smidth, Copenhagen / Denmark	Bizerte, Tunisia	1977	LHO-300/32,6	Limestone, Marl	1.5
27	F.L. Smidth, Copenhagen / Denmark	Sudan, EAS	1977	LHO-80/23	Limestone	1.4
28	Polysius for Cementa A.B., Malmö	Slite, Gotland, Sweden	1977	LHO-400/28,5	Limestone	1.6
29	Polysius for Cementa A.B., Malmö	Slite, Gotland, Sweden	1977	LHO-800/43	Marl	1.6
30	Cimansaz IVA, Teheran	Loshan II, Iran	1977	LHO-250/31,5	Limestone	1.5
31	F.L. Smidth, Copenhagen / Denmark	Vietnam	1977	LHO-150/33	Coal	0.9
32	Centunion, Madrid / Spain	Perkasa, Indonesia	1977	LHO-300/42	Limestone	1.5
33	Zementfabrik Schwenk, Ulm / Germany	Mergelstetten, Germany	1977	LHO-500/40	Marl	1.6



No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
34	F.L. Smidth, Paris for Anglo Alpha Cement	South Africa	1977	LHO-500/33	Lime	1.5
35	Fuller Comp. Outasomgra Pa, USA for SUEZ-Cement	Egypt	1977	LHO-400/37	Limestone	1.4
36	NCC - National Cement Comp., Kairo / Egypt	Heluan, Egypt	1977	LHO-750/38,5	Limestone, Clay	1.6
37 / 38	Hyundai, Seoul / Korea	Okke, Korea	1978	LHO-400/33	Limestone	1.5
39	Südbayrische Portland-Zementwerke Gebr. Wiesböck	Rohrdorf, Germany	1978	LHO-200/26	Marl	1.5
40	Cementia Holding, Zürich for Bamburi Portland-Zement	Mombasa, Kenya	1979	LHO-550/37	Limestone	1,4 - 1,5
41	Kawasaki, Kobe / Japan ITOH, Düsseldorf / Germany	Honduras	1979	LHO-170/29	Limestone, Shale	1.5
42	Centunion, Madrid / Spain	Perkasa IV, Indonesia	1979	LHO-300/42	Limestone	1.45
43	Assiut Cement Co. Ltd., Werk Assiut / Egypt	Assuit, Egypt	1979	LHO-500/43	Limestone	1.4
44	Assiut Cement Co. Ltd., Werk Assiut / Egypt	Assuit, Egypt	1979	LHO-300/26	Clay	1.4
45 - 46	Mitsubishi, Düsseldorf for Derna Zementwerke	Derna, Libya	1980	LHO-300/44	Limestone, Clay	1.5
47	Tasek Cement Berhad, Ipoh / Malaysia	Ipoh, Malaysia	1980	LHO-100/26	Coal	0.8
48	Castle Peak Com, Kaiser Int. Services	Hongkong, China	1981	LHO-800/40	Limestone	1.6
49	Vryheid Coal and Iron Comp. PWH, South Africa	Hlobane, South Africa	1981	LHO-600/28	Coal	0.8
50	Marubeni, Düsseldorf for Kawasaki, Tokio / Japan	Zliten, Libya	1981	LHO-500/34	Limestone, Clay	1.6
51	MHI - Mitsubishi Heavy Industry, Hiroshima / Japan	Nanking, China	1981	LHO-400/37	Limestone	1.6

No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
52	Bergbau AG Westfalen, Dortmund / Germany	Neumonopol Bergkamen, Germany	1981	LHO-1600/49	Coal	0.85
53	Technopromimport, UdSSR	Ukraine, UdSSR	1981	LHO-1000/32,5	Limestone	1.4
54	Technopromimport, UdSSR	Usbekistan, UdSSR	1981	LHO-1000/32	Shale	1.6
55	Chien Tai Cement, Taiwan	Kaohsiung, Taiwan	1981	LHO-200/30	Limestone	1.2
56	Südbayrische Portland-Zementwerke Gebr. Wiesböck	Rohrdorf, Germany	1981	LHO-50/18,4	Coal	0.85
57	BHP - Stockton, Australia	Stockton Borehde, Australia	1981	LHO-900/36	Coal	0.85
58 - 59	Anglo American, South Africa	Goedehoop, South Africa	1981	LHO-650/35	Coal	0.85
60	F.L. Smidth	Bouira, Algeria	1981	LHO-350/37	Limestone	1.4
61	Heracles General Cement Co, Werk Volos / Greece	Greece	1981	LHO-100/33	Coal	0.8
62	Heidelberger Portland - Zementwerk, Werk Schelklingen / Germany	Germany	1981	LHO-120/33	Coal	0.85
63	Coromandel Fertilisers Ltd., Secunderabad / India	Chilamkur Andra Pradesh India	1981	LHO-500/33	Limestone	1.36
64	Oman Cement Co., Ruwi - Muscat / Oman	Oman	1981	LHO-400/26	Limestone (marly)	1.4
65	Oman Cement Co., Ruwi - Muscat / Oman	Oman	1981	LHO-400/26	Limestone	1.4
66	Oman Cement Co., Ruwi - Muscat / Oman	Oman	1981	LHO-100/26	Quartzgestein	1.45
67	RAG, Essen / Germany	Pattberg, Moers Germany	1981	LHO-1300/33,5	Run of mine coal	



No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
68	Anglo Alpha Union Lime, Ouplaas, South Africa	Ouplaas, South Africa	1982	LHO-500/28	Limestone	1.5
69	Anglo Alpha Union Lime, Ouplaas, South Africa	Ouplaas, South Africa	1982	LHO-500/28	Limestone	1.5
70	Saudi Kuwaiti Cement Mfg. Co., Dammam / Saudi Arabia	Saudi Arabia	1982	LHO-500/40	Kalkstein-Ton- Gemisch	1.3
71	Saudi Kuwaiti Cement Mfg. Co., Dammam / Saudi Arabia	Saudi Arabia	1982	LHO-500/40	Kalkstein-Ton- Gemisch	1.3
72	Saudi Kuwaiti Cement Mfg. Co., Dammam / Saudi Arabia	Saudi Arabia	1982	LHO-500/40	Limestone	1.3
73	Anglo Alpha Ltd., Sandton / R.S.A.	South Africa	1982	LHO-400/38	Limestone	1.5
74	Anglo Alpha Ltd., Sandton / R.S.A.	South Africa	1982	LHO-300/23	Dolerit / Schiefer	1.5
75	ACC Babcock Ltd., Bombay / India	Tandur Andra Pradesh India	1982	LHO-500/33	Limestone	1.5
76	ACC Babcock Ltd., Bombay / India	Tandur Andra Pradesh India	1982	LHO-500/33	Shale	1.4
77	ACC Babcock Ltd., Bombay / India	Tandur Andra Pradesh India	1982	LHO-125/23	Coal	0.6
78	Modi Rubber Cement Ltd. Werk Rawan / India	Modi Gram Madhya Pradesh India	1982	LHO-500/33	Limestone (high grade)	1.4
79	Modi Rubber Cement Ltd. Werk Rawan / India	Modi Gram Madhya Pradesh India	1982	LHO-500/33	Limestone	1.4
80	Kesoram Industries & Cotton Mills Ltd., Hyderabad / India	Sedam Karnataka India	1982	LHO-500/33	Limestone	1.36
81	Zentralkokerei Saar	Dillingen, Germany	1983	LHO-800/57,5	Coal	0.7



No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
82	Bergbau AG Niederrhein, Duisburg / Germany	Kokerei Prosper Bottrop, Germany	1983	LHO-600/42	Coking coal	0.8
83	RAG, Essen Germany	Kokerei Prosper Bottrop, Germany	1983	LHO-600/42	Coal	
84	Ketton Cement Ltd., Werk Lincolnshire / England	Lincolnshire, England	1984	LHO-100/33	Coal	0.8
85	Jaypee Rewa Cement Ltd. Rewa / India	Rewa Madhya Pradesh India	1984	LHO-600/33	Limestone	1.4
86 - 89	NCC - National Cement Comp., Kairo / Egypt	Tabbin Egypt	1985	LHO-750/40	Limestone, Clay	1.5
90	Heidelberger Zementwerke	Schelklingen, Germany	1985	LHO-400/24	Limestone	1.4
91	Fuller Company Bethlehem	Sangjani, Pakistan	1986	LHO-320/31,3	Limestone	1.45
92	Cementos Hontoria S.A., Venta de Banos / Spanien	South Africa	1986	LHO-250/33	Limestone	1.4
93	Preussag AG, Ibbenbüren	Ibbenbüren, Germany	1987	LHO-1100/45	Raw washing coal	1.1
94	Gold Fields S.A. Ltd., Leendoorn / R.S.A.		1987	LHO-350/46	Goldore	1.6
95	India Cement Ltd., Madras / India	Shankar, Nagar, Tamil Nadu India	1987	LHO-600/33	Limestone	1.4
96	S.A. Cimenteries CBR, Lixhe / Belgium	Lixhe, Belgium	1988	LHO-425/44	Limestone	1.4
97	Kobe Steel	Hoze Mahi, Iran	1989	LHO-500/40	Limestone	1.6
107	Tong Yang Cement Corp., Samchok / Südkorea	South Korea	1989	LHO-800/38	Limestone	1.4
108	Tong Yang Cement Corp., Samchok / Südkorea	South Korea	1989	LHO-100/26	Tonschiefer	1.5

No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
109	Tong Yang Cement Corp., Samchok / Südkorea	South Korea	1989	LHO-175/23	Coal	0.8
110	Tong Yang Cement Corp., Samchok / Südkorea	South Korea	1989	LHO-175/23	Coal	0.8
111	Nikex, Budapest / Hungary	Hungary	1989	LHO-450/42	Limestone	1.5
112	Lehigh Portland Cement	Cementon, N.Y., USA	1989	LHO-400/29	Limestone	1.5
113	Taiwan Cement Engineering Corp. Taipei / Taiwan	Taiwan	1990	LHO-550/34	Limestone	
114	Kawasaki Heavy Industries Kobe / Japan	Beni-Suef, Egypt	1990	LHO-600/33	Limestone	1.6
115	Solid Cement Corp., Makati Manila, Philippinen	Taiwan	1990	LHO-350/41	Limestone	1.4
116	Cementos Apasco	Mexiko	1990	LHO-400/29	Limestone	1.4
117	BAG-Wesfalen Dortmund	Dortmund, Germany	1991	LHO-500/63	Coal	0.8
118	Ilam Cement	Iran	1991	LHO-500/35	Limestone, Marl	1.4
119	Khorasan Cement	Iran	1991	LHO-500/35	Limestone, Marl	1.4
120	Tong Yang Cement Corp., Samchok / Südkorea	South Korea	1991	LHO-1400/38	Limestone	1.4
121	Gordonstone Coal Management Pty. Ltd. Brisbane, Qld., Australia	Emerald, Qld. (Australia)	1991	LHO-1100/46	Raw coal	
122	Ash Grove Cement	Seattle, Washington USA	1991	LHO-225/35,6	Limestone	1.45
123	White Industries, Australia	PiparAustraliar, India	1991	LHO-1800/49,5	Raw coal	0.95
124	Anglo American, South Africa	Landau, South Africa	1992	LHO-1560/51	Coal	0.9
125	Koryo Cement Co.	Korea	1992	LHO-500/30,8	Limestone	1.5

No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
126	Ardebil Cement Co.	Iran	1992	LHO-500/35	Limestone, Marl	1.4
127	Gordonstone Coal, Australia	Emerald, Qld. (Australia)	1992	LHO-1000/46	Raw coal	0.8
128 - 129	Khuzestan Cement Co.	Iran	1993	LHO-500/35	Limestone	
130	Hegmatan-Hamadan Cement Co.	Iran	1993	LHO-500/35	Limestone	
131	Bojnurd Cement Co.	Iran	1993	LHO-500/35	Limestone	
132	Hormozgan Cement Co.	Iran	1993	LHO-500/35	Limestone	
133	Kordestan Cement Co.	Iran	1993	LHO-500/35	Limestone	
134	Hormozgan Cement Co.	Iran	1993	LHO-500/35	Limestone	
135	Sharoud Cement Co.	Iran	1993	LHO-500/35	Limestone	
136	Aswuarabad Cement Co.	Iran	1993	LHO-100/23	Limestone	
137	Ben Vid Cement Co.	Iran	1993	LHO-100/23	Limestone	
138	Davao Union Cement Co.	Ilang, Davao City Philippinen	1994	LHO-60/33	Coal	
139	Thai Petrochemical Ind.	Polene, Thailand	1994	LHO-400/26	Shale	
140	Daewoo Cement Co. Ltd., Shandong / V.R. China		1994	LHO-800/38	Limestone	1.4
141	Tisco Cement	Sonadih	1994		Limestone	1,4 - 1,5
142	UNICEM, Bulawayo, Zimbabwe	Colleen Bawn, Zimbabwe	1994	LHO-300/37	Limestone	1.5
143	Cementos Nacionales	Dominikan. Republik	1995	LHO-350/28	Limestone, Clay	
144	Société de Ciments, Libanais	Chekka, Libanon	1995	LHO-600/38	Limestone, Marl, Clay	
145	Summit Cement	Cebu, Philippinen	1995	LHO-1200/36	Limestone	
146	Gujarat Ambuja Cements	Darlaghat	1995		Limestone	1,4 - 1,6

No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
147	Gujarat Ambuja Cements	Darlaghat	1995		Coal	0.8
148	SASOL, Johannesburg, South Africa	Twistdraai (Secunda), South Africa	1995	LHO-1800/51	Raw Coal	0.85
149	Juan Minetti S.A.	Argentina	1996	LHO-600/40	Limestone	
150	Hanjung	Korea	1996	LHO-800/43,6	Coal	
151	Prism Cements Ltd.	Satna	1996		Limestone	1.58
152	India Cements Ltd.	Dalavoi	1996		Limestone	1.4
153	BHP DRI, Australia	Port Hedland, Australia	1996	LHO-1300/45	Iron ore fines	2.5
154	BHP DRI, Australia	Port Hedland, Australia	1996	LHO-1400/45	Iron ore fines	2.8
155	Thai Petrochemical Ind.	Polene, Thailand	1997	LHO-400/26	Shale	
156	CMM	Vazante - MG, Brazil	2001 / 2002	LHO-150/21	Willemita	1.8
157	Cimenterie de Ain El Kebira	Ain El Kebira, Algeria	2004	LHO-450/41	Limestone	1.4
158	Tehran Cement Co.	Tehran, Iran	2004	LHO-750/37	Limestone	1.45
159	Hegmatan Cement Co.	Hegmatan, Iran	2004	LHO-750/37	Limestone/Clay	1.4 - 1.5
160	Société des Ciments de Sour El Ghozlane	Sour El Ghozlane, Algeria	2004	LHO-350/37	Limestone	1.4
161	Firuzkuh Cement Co.	Firuzkuh, Iran	2004	LHO-560/35	Limestone/Clay	1.45
162	Omran Anarak Cement Co.	Delijan Plan, Iran	2004	LHO-560/35	Limestone/Clay	1.5
163	Ilam Cement Co.	Ilam, Iran	2004	LHO-560/35	Limestone/Marl	1.45
164	Mazandaran Cement Co.	Mazandaran, Iran	2004	LHO-800/35	Limestone/Clay	1.45



Bridge type scraper reclaimer for longitudinal store

No.	Purchaser	Location	Year	Type	Material handled	Bulk density t/m ³
165	Gilan Sabz Cement	Gilan Sabz, Iran	2005	LHO-750/37	Limestone/Clay	1.4
166	Sharg Cement Co.	Mashad, Iran	2005	LHO-750/37	Limestone/Marl	1.5
167	Nahavand Cement Co.	Nahavand, Iran	2005	LHO-560/35	Limestone/Clay	1.5
168	Lamerd Cement Co.	Lamerd, Iran	2005	LHO-560/35	Limestone/Clay/ Marl	1.5
169	Sardar Cement Co.	Sardar, Iran	2005	LHO-600/35	Limestone / Marl	1.5
170	Khuzestan Cement Co.	Khuzestan, Iran	2005	LHO-700/37	Limestone / Clay	1.4-1.5
171	Jovein Cement Co.	Jovein, Iran	2005	LHO-600/37	Limestone / Marl	1.5
172	Azar Abadegan Cement Co.	Khoy Area, West Azar Bayjan, Iran	2006	LHO-560/35	Limestone/Clay	1.45
173	Urmia Cement Co.	Orumiyeh Iran	2007	LHO-600/37	Limestone/Clay	1.45
174	Khamseh Cement Co.	Zangan, Iran	2008	LHO-800/37	Limestone / Alluvium / Marl / Marn	1.5