

Port Cranes

Reference List

Date	Type of crane	QTY of cranes	Place of instalation	Brake caliper type	Hydraulic unit
continuously since 2015	Luffing Crane	>100	World	2x BSFI 3XX DS R	N
continuously since 1999	Tower Crane	>200	World	2x BSFI 2XX MS R	Y
2022	Floating Crane	1	Slovakia	4x BSFI 320 S 200	Y
2021	Shiploader Luff Winch	1	Australia	16x BSFI 3100 DS	Y
2020	Shiploader Shuttle Winch	1	Australia	4x BSFI 365 MS	Y
2020	Shiploader Winch Brakes	1	Australia	12x BSFH 516 DS	Y
2018	Overhead crane	2	Mexico	2x BSFB 645-S	Y
2017	Overhad Crane	1	Sweden	2x BSFI 3100 MS	Y
2016	Tower Crane II	>50	Spain	2x BSFI 3120 MS30S-200	Y
2016	Tower Crane II	1	Spain	2x BSFB640 MS40S-200	Y
2015	Overhad Crane	1	China	1x BSFI 3100 MS	Y
2015	Overhad Crane	1	Greece	2x BSFK 530 MS	Y
2014	Shiploader Telescopic Winch	1	Australia	4x BSFI3120 DS 1x BSFI 208 MS	Y
2013	Shiploader Shuttle Winch	1	Australia	8x BSFI 3120 DS	Y
2013	Overhad Crane	1	Saudi Arabia	1x BSFK 527 MS	Y
2013	Shiploader Luff Winch	1	Australia	2xBSFI 3120 DS 1x BSFI205 MS	Y
2013	Shiploader Luff Winch - HS & LS Shuttle Winch- HS & LS	1	Australia	2x BSFI 205-30R-400 2x BSFI 212-30R-400 12x BSFI 3120-30R-200 8x BSFI 3120-30R-200	Y
2012	Overhead Crane	1	Australia	2x BSFI 360 DS	Y
2012	Overhead Crane	1	Australia	2x BSFI 360 DS	Y
2012	Overhad Crane	2	China	1x BSFH 520 MS	Y
2012	Overhad Crane	1	?	1x BSFH 520 MS	Y
2011	Tower Crane	1 or 2	Spain	1x BSFI 3120 MSxxS-200	Y
2011	Tower Crane	>50	Spain	1x BSFI345MS25S-200	Y
2010	Overhead Crane	1	Australia	2x BSFK 530 MS	Y
2009	Shiploader	1	Venezuela	2x BSFB 650-R-100 2x BSFI 210 MS-R-104 4x BSFH 520-S-401 2x BSFI 203-MS-R-104	Y

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2008	Tower Crane	>50	Spain	1x BSFI3120-MS38S-200	Y
2008	Overhad Crane	2	Sweden	10x BSFK 530 MS	N
2007	Overhad Crane	1	Kazakhstan	2x BSFI 310 MS	Y
2007	Casting Crane	1	CZ	4x BSFI 202-MSxxS-100 4x BSFI 203-MSxxS-100 4x BSFI 204-MSxxS-100	Y
2006	Tower Crane	>10	Spain	1x BSFI 3100 MS30S-200	Y
2006	Overhead Crane	1	USA	2x BSFI 322-S-200	Y
2005	Gantry Crane / STS	2	Denmark	2x BSFA 640 MS	Y
2004 (started 1996)	Overhead Crane	30	World		
2004	RTG	3	Australia	1x BSFI 2XX DS	Y
2004	Gantry Crane / STS	1	Germany	2x BSFH 300 MS R	Y
2003	Straddle carrier	>1000	World	2x BSFI 208-MS-S-101	N
2003	Gantry Crane / STS	1	Denmark	2x BSFI 526 DS	Y
2002 (started 1989)	RTG	10	USA	1x BSFI 531 DS	Y
2002	Tower Crane	>10	Spain	1x BSFI 360 MS	Y
2002	Tower Crane	>10	Spain	1x BSFI330	Y
2002	Tower Crane	>10	Spain	1x BSFI3100	Y
2001	Gantry Crane / STS	13	Canada	2x BSFI 340 MS	Y
2001	Gantry Crane / STS	3	USA	2x BSFI 340 MS	Y
2001	Overhead Crane	2	SK	16x BSFI 370-S-200	Y
2001	Overhead Crane	1	SK	8x BSFH 520-S-300	Y
2001	Gantry Crane	1	Denmark	12x BSFA 600 MS	Y
2001	Black Smith Hammer Crane	1	CZ	4x BSFI 330-MS30S-200	Y
2000 (started 1991)	Gantry Crane / STS	>50	World	2x BSFH 212 Omega	Y
2000	Shiploader Luff Winch	1	Australia	2x BSFI 3120	Y
2000	Luffing Crane	1	Brazil - North east region	2x BSFI 317-MS40S-200	Y
1999	Overhad Crane	1	Australia	1x BSFI3100 MS	Y
1999	Overhad Crane	1	Luxembourg	2x BSFH 5XX DS	N
1998	Tower Crane	1	China	4x BSFH 515 DS	Y
1996	Overhad Crane	1+	India	2x BSFH 5XX DS	N
1996	Gantry Crane / STS	1	Britain	1x BSFI 2XX MS	Y
1995	Gantry Crane / STS	1	Australia	2x BSFH 520 DS	Y
1988	Overhad Crane	6	Germany	4x BSFH 515 DS	N