



Cranes and Crane Kits

Sophisticated Hoisting Technology since 1961



Power Plant Projects

KÜHNEZUG Power Plant Cranes

Highly precise crane systems for assembly- and maintenance operations at power plants. Our state of the art technology and know-how ensures safe handling.

- High capacities up to 630 t
- Outstanding precision due to features such as
 - closed-loop inverter technology
 - true vertical lift (no horizontal hook movement)
 - step less speed control
- Several safety features available such as
 - reliable overlaid protection
 - electromagnetic safety brake
 - double gear box design
 - independent holding brakes
- Compact design for optimal hook approaches
- Synchronization of trolleys or complete cranes available to handle large objects easier and safer



Saudi Arabia Power Plant Project (1/2)

Pos.	Type	FEM	Crane Qty.	SWL (t)	Span (m)	Lifting Height	True Vertical lift	Main Hoist Model	Aux. Hoist Model	Trolley Drive Unit	Crane Drive Unit	Location	Ambient Temp.	Main Hoist Speed (m/min)	Aux. Hoist Speed (m/min)	Trolley Speed (m/min)	Crane Speed (m/min)	Main Hoist Load Hook	Aux. Hoist Load Hook
1	EOT	1Bm	1	5	17,5	10,05	No	DNFU 3044S	-	FA20	-	Indoor	55	~0.5/5.0	-	~2.0/20	-	single	-
2	EOT	1Bm	1	135/27	30,15	36	Yes	KNFU 816T6S	KNFU 704T4S	RC5000	-	Indoor	55	~0.15/2.5	~0.15/5.0	~0.25/15	-	double	single
3	EOT	1Bm	2	45/10	11,7	9,1	Yes	KNFU 703T6S	DVFU 303T4S	RC1600	-	Indoor	55	~0.15/2.5	~0.15/5.0	~0.25/15	-	double	single
4	Gantry	1Bm	2	30/7,5	29 + 7,02	29,5	Yes	KNFU 704T4S	DVFU 404T2S	RC1250	-	Outdoor	55	~0.1/1.0	~0.5/5.0	~0.6/6.0	-	double	single
5	Gantry	1Bm	2	100/20	35,3 + 9,1	33	Yes	KNFU 804T4S	KNFU 703T4S	RC3200	-	Outdoor	55	~0.1/1.0	~0.5/5.0	~0.6/6.0	-	double	single
6	EOT	1Bm	1	5	26,6	9,1	No	DNFU 3044S	-	FA20	-	Indoor	55	~0.5/5.0	-	~2/20	-	single	-
7	EOT	1Bm	1	5	25	11,3	No	DNFU 3044S	-	FA20	-	Indoor	55	~0.5/5.0	~0.5/5.0	~2/20	-	single	-
8	EOT	1Bm	1	5	8	5,38	No	DNFU 3044S	-	FA20	-	Indoor	55	~0.5/5.0	-	~2/20	-	single	-
9	EOT	1Bm	1	5	7	5,38	No	DNFU 3044S	-	FA20	-	Indoor	55	~0.5/5.0	-	~2/20	-	single	-
10	EOT	1Bm	1	5	15,9	7	No	DNFU 3044S	-	FA20	-	Indoor	55	~0.5/5.0	-	~2/20	-	single	-
11	EOT	1Bm	1	5	11,7	8	No	DNFU 3044S	-	FA20	-	Indoor	55	~0.5/5.0	-	~2/20	-	single	-
12	EOT	1Bm	1	20/5	12,7	6,7	No	DXFU 4034S	DNFU 3034S	RC800	-	Indoor	55	~0.5/5.0	~0.5/5.0	~2/20	-	single	single
13	EOT	1Bm	1	45/10	11,7	9,1	Yes	KNFU 703T6S	DVFU 303T4S	RC1600	-	Indoor	55	~0.15/2.5	~0.15/5.0	~0.25/15	-	double	single
14	EOT	1Bm	1	45/10	11,7	9,1	Yes	KNFU 703T6S	DVFU 303T4S	RC1600	-	Indoor	55	~0.15/2.5	~0.15/5.0	~0.25/15	-	double	single
15	Ex proof EOT	1Bm	1	6	18,2	15,4	No	DN 4044S Ex	-	FA20	RC800	Indoor	55	~0.5/5.0	-	~2/20	~3.2/32	single	-
16	Ex proof EOT	1Bm	1	5	12,6	8	No	DN 3044S Ex	-	FA20	RC800	Indoor	55	~0.5/5.0	-	~2/20	~3.2/32	single	-
17	Ex proof EOT	1Bm	1	5	14,5	9,8	No	DN 3044S Ex	-	FA20	RC800	Outdoor	55	~0.5/5.0	-	~2/20	~3.2/32	single	-

Saudi Arabia Power Plant Project (2/2)

Pos.	Type	FEM	Crane Qty.	SWL (t)	Span (m)	Lifting Height	True Vertical lift	Main Hoist Model	Aux. Hoist Model	Trolley Drive Unit	Crane Drive Unit	Location	Ambient Temp.	Main Hoist Speed (m/min)	Aux. Hoist Speed (m/min)	Trolley Speed (m/min)	Crane Speed (m/min)	Main Hoist Load Hook	Aux. Hoist Load Hook
18	Ex proof EOT	1Bm	1	8	8,2	10,3	No	DN 4044S Ex	-	FA20	RC800	Outdoor	55	~0.5/5.0	-	~2/20	~3.2/32	single	-
19	EOT	1Bm	1	5	10,7	10,85	No	DNFU 3044S	-	FA20	-	Indoor	55	~0.5/5.0	-	~2/20	-	single	-
20	EOT	1Bm	1	45/9	22,7	9,3	No	KNFU 703T6S	DVFU 3034S	RC1600	-	Indoor	55	~0.5/5.0	~0.5/5.0	~2/20	-	single	single
21	EOT	1Bm	1	30/6	10,5	12,7	Yes	KNFU 703T4S	DNFU 403T2S	RC1250	-	Indoor	55	~0.5/5.0	~0.5/5.0	~2/20	-	single	single
22	Gantry	1Bm	1	45/9	20,7 + 4	27,66	Yes	KNFU 704T6S	DVFU 405T2S	RC1600	-	Outdoor	55	~0.1/1.0	~0.5/5.0	~0.6/6.0	-	double	single
23	EOT	1Bm	1	5	8,2	13,48	No	DNFU 3054S	-	FA20	-	Indoor	55	~0.5/5.0	-	~2/20	-	single	-
24	EOT	1Bm	1	30/6	10,5	12,7	Yes	KNFU 703T4S	DNFU 403T2S	RC1250	-	Indoor	55	~0.5/5.0	~0.5/5.0	~2/20	-	single	single
25	EOT	1Bm	1	30/6	10,5	12,7	Yes	KNFU 703T4S	DNFU 403T2S	RC1250	-	Indoor	55	~0.5/5.0	~0.5/5.0	~2/20	-	single	single
26	EOT	1Bm	1	30/6	10,5	12,7	Yes	KNFU 703T4S	DNFU 403T2S	RC1250	-	Indoor	55	~0.5/5.0	~0.5/5.0	~2/20	-	single	single
27	EOT	1Bm	1	25/5	7,2	6,3	No	DXFU 4036S	DNFU 3034S	RC1250	-	Indoor	55	~0.5/5.0	~0.5/5.0	~2/20	-	single	single
28	EOT	1Bm	1	25/5	20,8	11,5	No	DXFU 4046S	DNFU 3044S	RC1250	-	Indoor	55	~0.5/5.0	~0.5/5.0	~2/20	-	single	single
29	Gantry	1Bm	1	45/9	20,7 + 4	27,66	Yes	KNFU 704T6S	DVFU 405T2S	RC1600	-	Outdoor	55	~0.1/1.0	~0.5/5.0	~0.6/6.0	-	double	single
30	Gantry	1Bm	1	45/9	20,7 + 4	27,66	Yes	KNFU 704T6S	DVFU 405T2S	RC1600	-	Outdoor	55	~0.1/1.0	~0.5/5.0	~0.6/6.0	-	double	single
31	Gantry	1Bm	1	45/9	20,7 + 4	27,66	Yes	KNFU 704T6S	DVFU 405T2S	RC1600	-	Outdoor	55	~0.1/1.0	~0.5/5.0	~0.6/6.0	-	double	single
32	EOT	1Bm	1	45/9	20,8	11,3	No	KNFU 703T6S	DVFU 3044S	RC1600	-	Indoor	55	~0.5/5.0	~0.5/5.0	~2/20	-	single	single
33	EOT	1Bm	1	45/9	10,2	6	No	KNFU 703T6S	DVFU 3034S	RC1600	-	Indoor	55	~0.5/5.0	~0.5/5.0	~2/20	-	single	single

Oman Power Plant Project

Pos.	FEM	Crane Qty.	SWL (t)	Span (m)	Lifting Height	Main Hoist Model	Trolley Drive Unit	Crane Drive Unit	Ambient Temp.	Main Hoist Speed (m/min)	Trolley Speed (m/min)	Crane Speed (m/min)
1	2m	1	2	4,95	12,0 m	DN 3222 S EKB	FA 20	FA 40	50 °C	~ 2 / 14	~ 4 / 16	~ 12,8 / 52,0
2	2m	1	2	4,95	12,0 m	DN 3222 S EKB	FA 21	FA 41	50 °C	~ 2 / 14	~ 5 / 16	~ 12,8 / 52,0
3	2m	1	3	9,7	10,0 m	DN 3234 S EKB	FA 20	FA 40	50 °C	~ 1,2 / 8,5	~ 5 / 20	~ 8,1 / 32,8
4	2m	1	5	10,3	6,0 m	DV 3224 S EKB	FA 20	RC 400	50 °C	~ 0,8 / 6,0	~ 5 / 20	~ 10 / 40
5	2m	1	5	10,3	6,0 m	DV 3224 S EKB	FA 21	RC 401	50 °C	~ 0,8 / 6,0	~ 6 / 20	~ 11 / 40
6	2m	1	15	16,6	11,0 m	DV 4034 S EKB	FA 40	RC 1250	50 °C	~ 0,7 / 4,5	~ 4 / 16	~ 10 / 40
7	2m	1	15	16,6	11,0 m	DV 4034 S EKB	FA 41	RC 1251	50 °C	~ 0,7 / 4,5	~ 5 / 16	~ 11 / 40
8	1Am	1	22	17,7	15,0 m	DX 4156 S EZK	RC 800	RC 1600	50 °C	~ 0,4 / 2,7	~ 5 / 20	~ 10 / 40
9	2m	1	6	15	8,0 m	DV 3234 S EKB	FA 20	RC 400	50 °C	~ 1,2 / 8,5	~ 5 / 20	~ 10 / 40
10	-	1	20	10,92	6,5 m	DX 4236 S EZK	RC 800	RC 1250	50 °C	~ 0,4 / 2,7	~ 5 / 20	~ 10 / 40
11	-	1	1	-	7,0 m	DN 2222 S EKB	FA 20	-	50 °C	~ 2 / 14	~ 5 / 20	-
12	2m	1	10	11,5	14,0 m	DV 3244 S EKB	FA 20	RC 800	50 °C	~ 0,5 / 3,5	~ 5 / 20	~ 10 / 40
13	2m	1	3	11,7	11,0 m	DV 3222 S EKB	FA 20	FA 40	50 °C	~ 1,5 / 10	~ 5 / 20	~ 8,1 / 32,8
14	2m	1	3	11,7	11,0 m	DV 3222 S EKB	FA 21	FA 41	50 °C	~ 1,5 / 10	~ 6 / 20	~ 8,1 / 32,8
15	2m	1	3	16,7	10,0 m	DN 3234 S EKB	FA 20	RC 400	50 °C	~ 1,2 / 8,5	~ 5 / 20	~ 10 / 40
16	2m	1	3	16,7	10,0 m	DN 3234 S EKB	FA 21	RC 401	50 °C	~ 1,2 / 8,5	~ 6 / 20	~ 11 / 40
17	-	1	15	11,3	11,0 m	DV 4234 S EKB	FA 40	RC 1250	50 °C	~ 0,6 / 4	~ 4 / 16	~ 10 / 40
18	2m	1	5	11,7	10,0 m	DV 3234 S EKB	FA 20	RC 400	50 °C	~ 0,5 / 3,5	~ 5 / 20	~ 10 / 40
19	2m	1	5	-	20,0 m	DV 3232 S ENK	FA 20	-	50 °C	~ 1 / 7	~ 5 / 20	-
20	2m	1	3	-	12,0 m	DV 3222 S EKB	FA 20	-	50 °C	~ 1,5 / 10	~ 5 / 20	-
21	1Am	1	5	10,9	10,0 m	DN 3134 S EKB	FA 20	FA 40	50 °C	~ 0,8 / 6	~ 5 / 20	~ 8,1 / 32,8

Kuwait Power Plant Project

Pos.	FEM	Crane Qty.	SWL (t)	Span (m)	Lifting Height	True Vertical lift	Main Hoist Model	Aux. Hoist 1 Model	Aux. Hoist 2 Model	Location	Ambient Temp.	Main Hoist Speed (m/min)	Aux. Hoist 1 Speed (m/min)	Aux. Hoist 2 Speed (m/min)	Trolley Speed (m/min)
1	1Bm / 1Bm / 2m	1	130 / 33 / 12,5	11,6	15,5 / 16,0 / 12,9	Yes	KNFU 733D8 EZK	KNFU 703T4S FO	DXFU 4244 FO	Indoor	50	0,25 / 2,5	0,5 / 5	0,5 / 5	1,6 / 16
2	1Bm	2	10/2,5	10,6	11,75 / 11,935	No	DNFU 4144 EZK	DVFU 3022 S FO	-	Indoor	50	0,5 / 5	0,5 / 5	-	2,0 / 20
3	1Bm	2	1	3,65	7,5	No	DVFU 2122 ENC	-	-	Indoor	50	0,5 / 5	-	-	2,0 / 20
4	1Bm	1	3	10,6	6,0	No	DN 3024 Ex EKB	-	-	Ex Proof	-	-	-	-	-
5	1Bm	1	5	13	8,85	No	DVFU 3022 EKB	-	-	Indoor	50	0,5 / 5	-	-	2,0 / 20
6	1Bm	1	5	13	6,5	No	DVFU 3022 EKB	-	-	Indoor	50	0,5 / 5	-	-	2,0 / 20
7	1Bm	1	15	16,8	6,0	No	DVFU 4024 EZK	-	-	Indoor	50	0,5 / 5	-	-	2,0 / 20
8	1Bm	1	25	-	10,7	No	DV 4048 Ex S EZK	-	-	Ex Proof	-	-	-	-	-
9	1Bm	1	7	10,6	6,0	No	DV 3024 Ex EZK	-	-	Ex Proof	-	-	-	-	-
10	1Bm	1	5	8,6	4,85	No	DVFU 3012 EKB	-	-	Indoor	50	0,5 / 5	-	-	2,0 / 20

Reference - Pictures



KÜHNEZUG – Double Girder Crane with 100 t Capacity.



KÜHNEZUG – Double Girder Crane with 175/30 t Capacity.



KÜHNEZUG – Double Girder Crane with 125 t Capacity.



KÜHNEZUG – Double Girder Crane with 120 t Capacity.



KÜHNEZUG – Double Girder Crane with 120 t Capacity.



KÜHNEZUG – Double Girder Crane with 133 t Capacity.



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We are looking forward to discussing the configuration
of your hoisting equipment with you individually.

We are always at your service.