

SAEZ

CRANES

TLS 75 16T **USA**

Courtesy of Crane.Market

THREE-PHASE TOWER CRANE

GRÚA TORRE TRIFÁSICA

GRUE À TOUR TRIPHASÉE

TLS 75

USA 16T S2322



DIN 15018



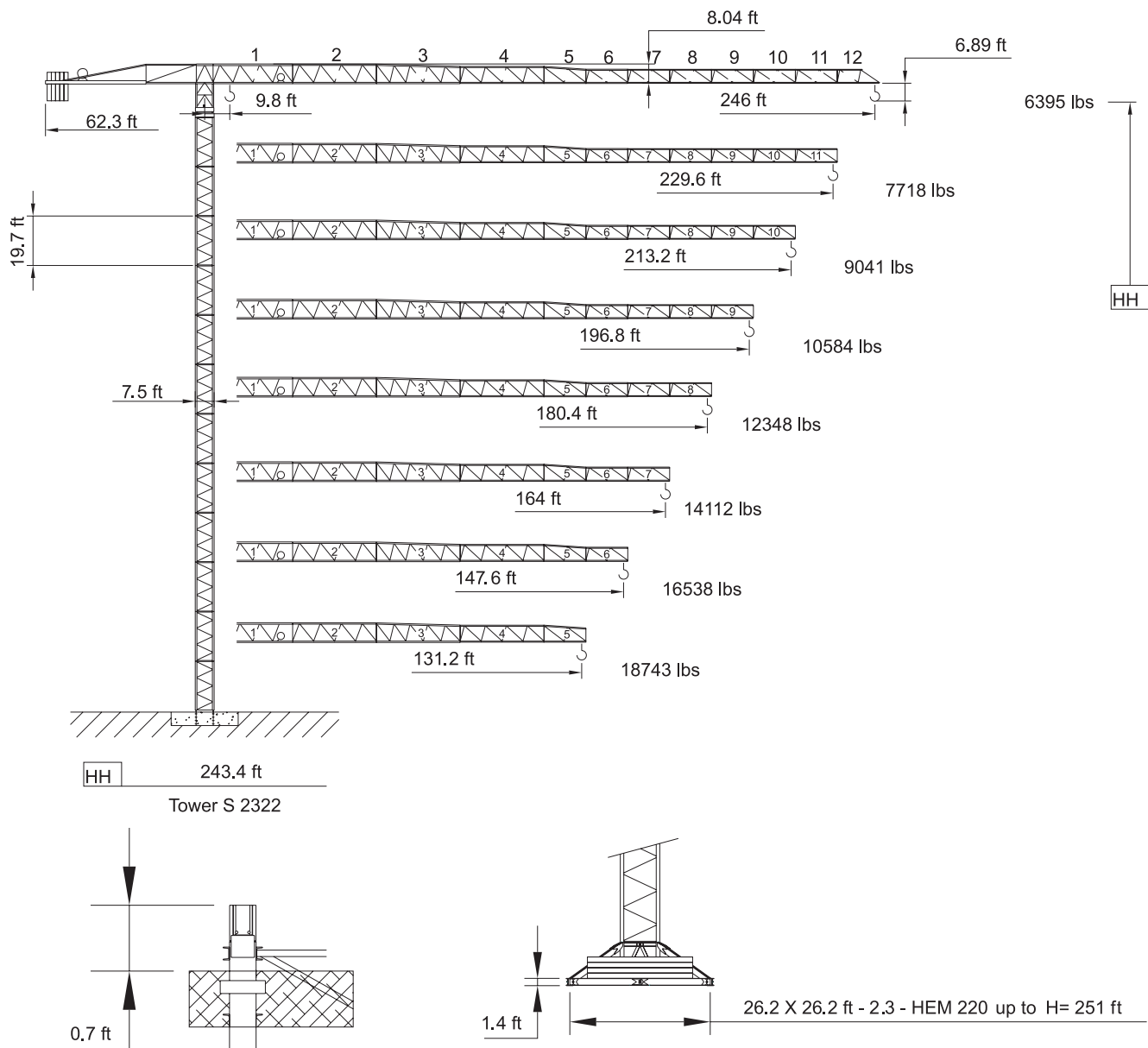
North American U.S. weights and measures
Pesos y medidas en sistema estadounidense (U.S.)
Poids et mesures en système américain (U.S.)





UNE 58-101-92 FEM 1001-87
According to EC 98/37 instruction



Wind area A-B / DIN 15019


Tower configurations based on 93 mph wind speeds
Configuraciones de torre basadas en vientos de hasta 93 mph
Configurations de mât basées sur vents de 93 mph





Counter-jib ballast
Lastres aéreas
Blocs de contrepoids


	246 ft		230 ft		213 ft		197 ft	
	A	B	A	B	A	B	A	B
	8	-	7	1	6	2	7	-
	61740 lbs		59535 lbs		57330 lbs		54022 lbs	

	180 ft)		164 ft)		148 ft		131 ft	
	A	B	A	B	A	B	A	B
	6	1	6	-	4	2	5	-
	51818 lbs		46305 lbs		41895 lbs		38588 lbs	



246.05 ft



49	66	82	98	105	115	131	148	164	180	197	213	230	246	ft
17640	17640	17640	17640	17640	15898	13627	11885	10496	9371	8445	7651	6968	6395	lbs
49	56	66	82	98	115	131	148	164	180	197	213	230	246	ft
35280	35280	30010	23130	18632	15501	13164	11378	9945	8798	7828	7034	5887	5733	lbs



229.67 ft



49	66	82	98	112	115	131	148	164	180	197	213	230	ft
17640	17640	17640	17640	17640	17442	14950	13054	11532	10297	9283	8445	7718	lbs
49	59	66	82	98	115	131	148	164	180	197	213	230	ft
35280	35280	32700	25225	20374	16979	14465	12524	10981	9724	8688	7784	7056	lbs



213.26 ft





49	66	82	98	115	118	131	148	164	180	197	213	ft
17640	17640	17640	17640	17640	17640	15942	13914	12326	11025	9923	9041	lbs
49	62	66	82	98	115	131	148	164	180	197	213	ft
35280	35280	35280	27386	22160	18478	15766	13671	12017	10672	9504	8600	lbs





196.86 ft




49	66	82	98	115	118	131	148	164	180	197	ft
17640	17640	17640	17640	17640	17640	16912	14774	13098	11687	10584	lbs
49	66	66	82	98	115	131	148	164	180	197	ft
35280	35280	35280	28886	23395	19536	16670	14487	12745	11312	10143	lbs





180.45 ft 	49	66	82	98	115	131	148	164	180	ft		
	17640	17640	17640	17640	17640	17640	15545	13759	12348	lbs		
	49	66	69	82	98	115	131	148	164	180	ft	
	35280	35280	35280	30209	24498	20462	17486	15215	13384	11907	lbs	



164.05 ft


49	66	82	98	115	131	134	148	164	ft
17640	17640	17640	17640	17640	17640	17640	15876	14112	lbs
49	66	71	82	98	115	131	148	164	ft
35280	35280	35280	30804	24983	20881	17861	15523	13671	lbs





147.64 ft



49	66	82	98	115	131	139	148	ft
17640	17640	17640	17640	17640	17640	17640	16538	lbs
49	66	73	82	98	115	131	148	ft
35280	35280	35280	31862	25843	21631	18500	16097	lbs





131.24 ft



49	66	82	98	115	131		ft
17640	17640	17640	17640	17640	17640		lbs
49	66	74	82	98	115	131	ft
35280	35280	35280	31884	25865	21609	18522	lbs















Load charts
Curva de cargas
Courbe de charges


Mechanisms, Mecanismos, Mécanismes

75 Hp (55Kw) HUH 984.3 ft 2-Part Ø16
2000/14/CE



			Single Drum				Double Drum			
			98	128	184	272	49	66	92	137
		fpm	98	128	184	272	49	66	92	137
		lbs	17640	13230	8820	5292	35280	26460	17640	10584
		Kw	55	55	55	55	55	55	55	55
		fpm	0 / 295				0 / 295			
		Kw	11				11			
		v.	0.85 min ⁻¹				0.85 min ⁻¹			
		Nm	4 x 80				4 x 80			
		fpm	82				82			
		Kw	4 x 7.5				4 x 7.5			



-  Hoisting / Elevación / Levage
-  Trolleying / Distribución / Distribution
-  Slewing / Orientación / Orientation
-  Travelling / Traslacion / Translation
-  Rope / Cable / Câble


	400 V 50 Hz	150 kVA
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	460 V 60 Hz	optional
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100 Hp (75Kw) HUH 1640.5 ft 2-Part Ø16
2000/14/CE

			Single Drum				Double Drum			
			131	170	243	361	66	85	121	180
		fpm	131	170	243	361	66	85	121	180
		lbs	17640	13230	8820	5292	35280	26460	17640	10584
		Kw	110	110	110	110	110	110	110	110

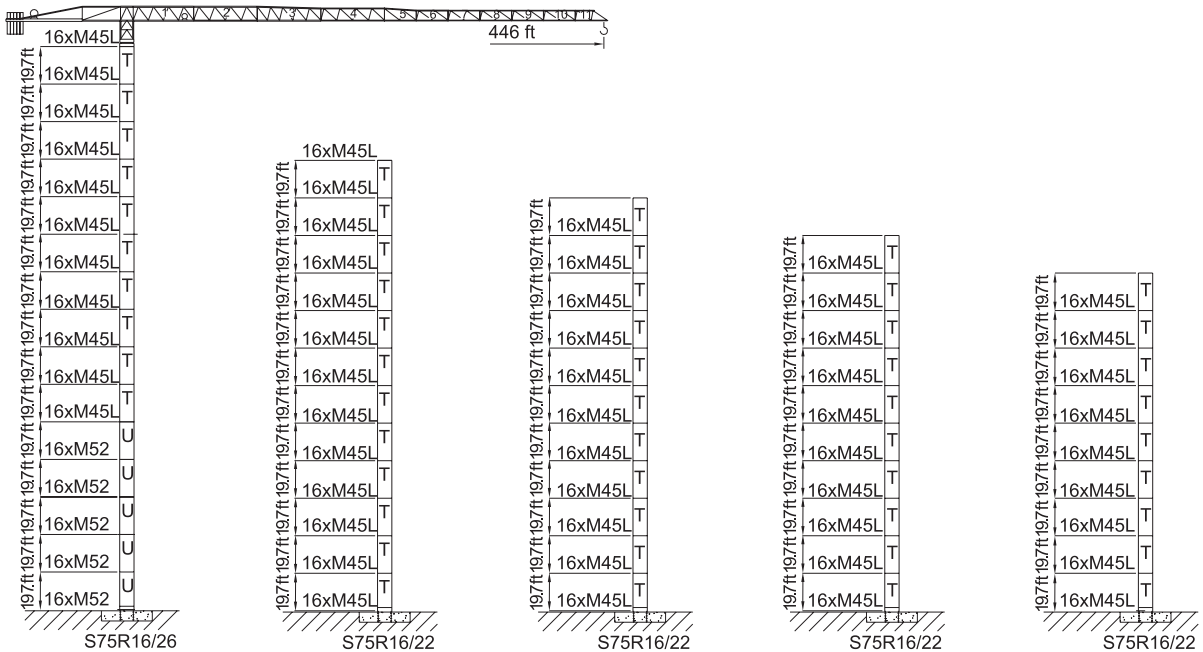
-  Hoisting / Elevación / Levage
-  Rope / Cable / Câble

	400 V 50 Hz	170 kVA
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	460 V 60 Hz	optional
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Wind area A-B / DIN 15019

Masts / Reactions, Mástil / Reacciones, Mâts / Réactions



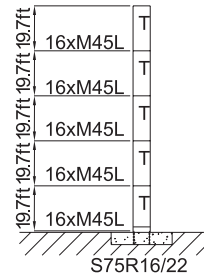
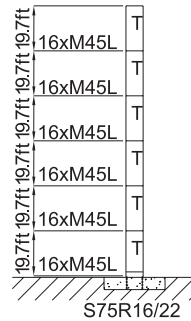
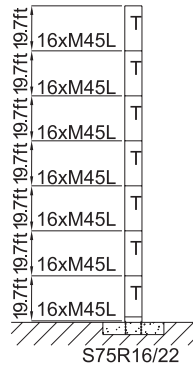
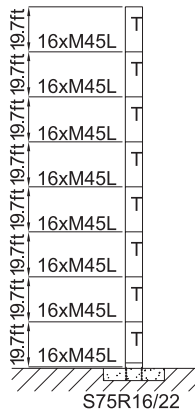
H	[ft]	302.4	243.4	223.7	204.0	184.3
M	[lb x ft]	12287848	8628253	7550626	6595949	5742526
T	[lb]	49832	39829	36368	33693	31041
P	[lb]	355902	304452	278019	266443	254890
R ₁	[lb]	1203422	831202	724211	626661	540124
R ₂	[lb]	1381216	983372	863119	759725	667569

Wind area A-B / DIN 15019

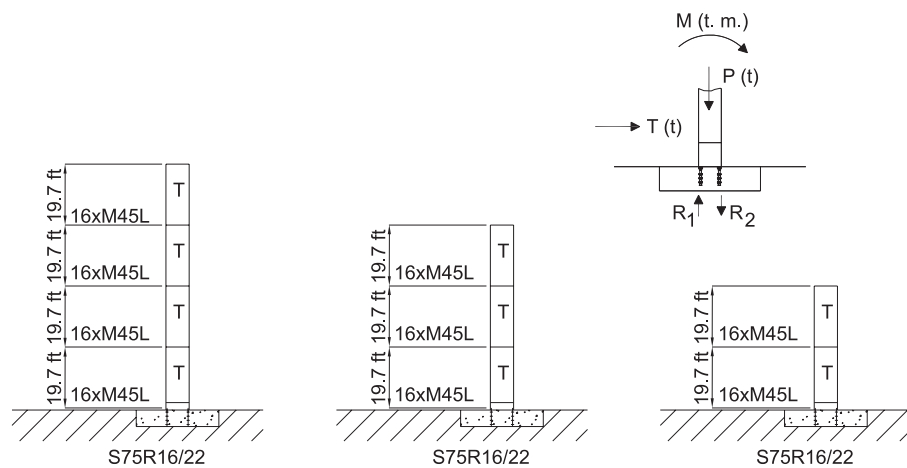
Masts / Reactions

Mástil / Reacciones

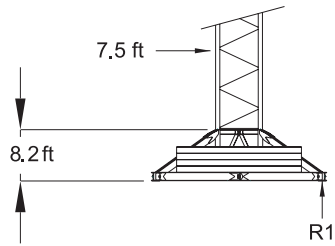
Mâts/ Réactions



H	[ft]	164.7	145.0	125.3	105.6
M	[lb x ft]	4990356	4317743	3724686	3203953
T	[lb]	28366	25714	23062	20387
P	[lb]	243314	231761	220208	208632
R ₁	[lb]	463477	395821	336257	284335
R ₂	[lb]	585078	511578	446395	388628

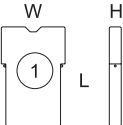
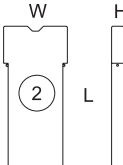
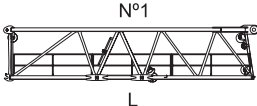
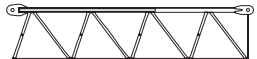
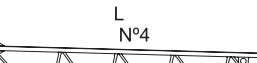

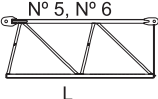
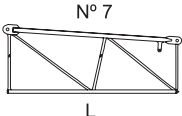

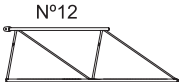










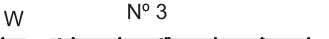






















H	[ft]	85.9	66.3	46.6
M	[lb x ft]	2755544	2367165	2198650
T	[lb]	17487	14835	6271
P	[lb]	189527	177951	196697
R ₁	[lb]	241853	204317	181615
R ₂	[lb]	336706	293326	280064

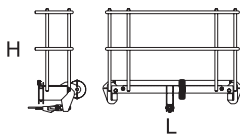
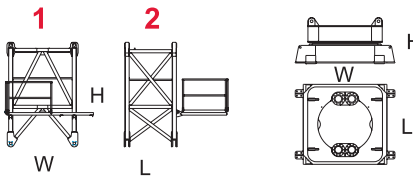
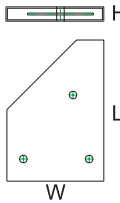
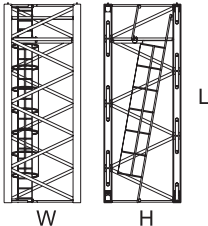
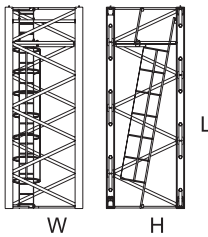
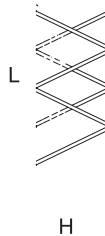



	R1[lb]	135762	143179	151046	159587	168803	184087
	H	54 ft	74 ft	94 ft	113 ft	133 ft	153 ft
26 x 26 ft - 7.5 16/22 S2322	Z[lb]	66150	66150	66150	66150	66150	88200

	R1[lb]	201170	238032	293326	355587	425266	
	H	172 ft	192 ft	212 ft	231 ft	251 ft	
26 x 26 ft - 7.5 16/22 S2322	Z[lb]	110250	154350	198450	242550	330750	

		L	W	H	weight		
Counter-jib ballasts Lastres aéreos Lest de contre-flèche							
							
		1	7.9 ft	4.92 ft	0.95 ft	5513 lbs	
		2	11.2 ft	5.1 ft	0.95 ft	7718 lbs	
Jib heel section Tramo troncal pluma Pied de flèche							
							
							
							
			1	37.1 ft	5.4 ft	8.04 ft	14553 lbs
			2	34.3 ft	5.4 ft	8.04 ft	8092 lbs
			3	34.1 ft	5.4 ft	7.94 ft	6020 lbs
			4	33.9 ft	5.4 ft	7.7 ft	4851 lbs
	Intermediate jib sections Elementos intermedios de pluma Éléments de flèche intermédiaires						
							
							
							
			5	17.5 ft	5.4 ft	6.8 ft	2271 lbs
			6	17.4 ft	5.4 ft	6.79 ft	1918 lbs
			7	17.2 ft	5.4 ft	6.63 ft	1676 lbs
			8	17.2 ft	5.4 ft	5.5 ft	1521 lbs
			9	17.1 ft	5.4 ft	5.5 ft	1257 lbs
			10	17.0 ft	5.4 ft	5.4 ft	970 lbs
			11	16.9 ft	5.4 ft	5.4 ft	750 lbs
			12	16.4 ft	5.4 ft	5.2 ft	507 lbs

		L	W	H	Weight
Counterjib Contrapluma Contre-flèche	Nº 1				
		1 39.2 ft	5.8 ft	2.3 ft	8313 lbs
		2 18.3 ft	10.4 ft	1.9 ft	5645 lbs
		3-4 21.0 ft	2.0 ft		451 lbs
		5 10.4 ft	2.0 ft		242 lbs
	Nº 2				
					
					
					
					
	Nº 3				
					
					
					
					
Base 26.2 X 26.2 ft Base 26.2 X 26.2 pies Base 26.2 X 26.2 pieds	Nº 4				
					
					
					
					
Foundation anchors Tramo de empotre Pieds de scellement					
					
					
					
					
Trolley Carro Chariot					
					
					
					
					
Hook block Gancho Crochet					
					
					
					
					

		L	W	H	weight
Jib end Puntera Élément pointe		6.2 ft	2.3 ft	4.3 ft	353 lbs
Slewing unit Unidad de giro Unité d'orientation		1 5.5 ft 2 7.84 ft	7.2 ft 9.77 ft	10.8 ft 4.66 ft	4631 lbs 16438 lbs
Base ballast blocks Bloque de lastre de base Blocs de lest de base		9.8 ft	6.8 ft	0.98 ft	8269 lbs
Tower section S23.22 (T) Tramo de torre S23.22 (T) Élément de mât S23.22 (T)		19.7 ft	7.5 ft	7.5 ft	10253 lbs
Tower section S23.26 (U) Tramo de torre S23.26 (U) Élément de mât S23.26 (U)		19.7 ft	7.7 ft	7.6 ft	13662 lbs
Tower section S24.20(R) Tramo de torre S24.20(R) Élément de mât S24.20(R)		19.4 ft	7.7 ft	7.6 ft	9427 lbs
Cabin and support Cabina y soporte Cabine et support		10.0 ft	5.25 ft	7.71 ft	1387 lbs

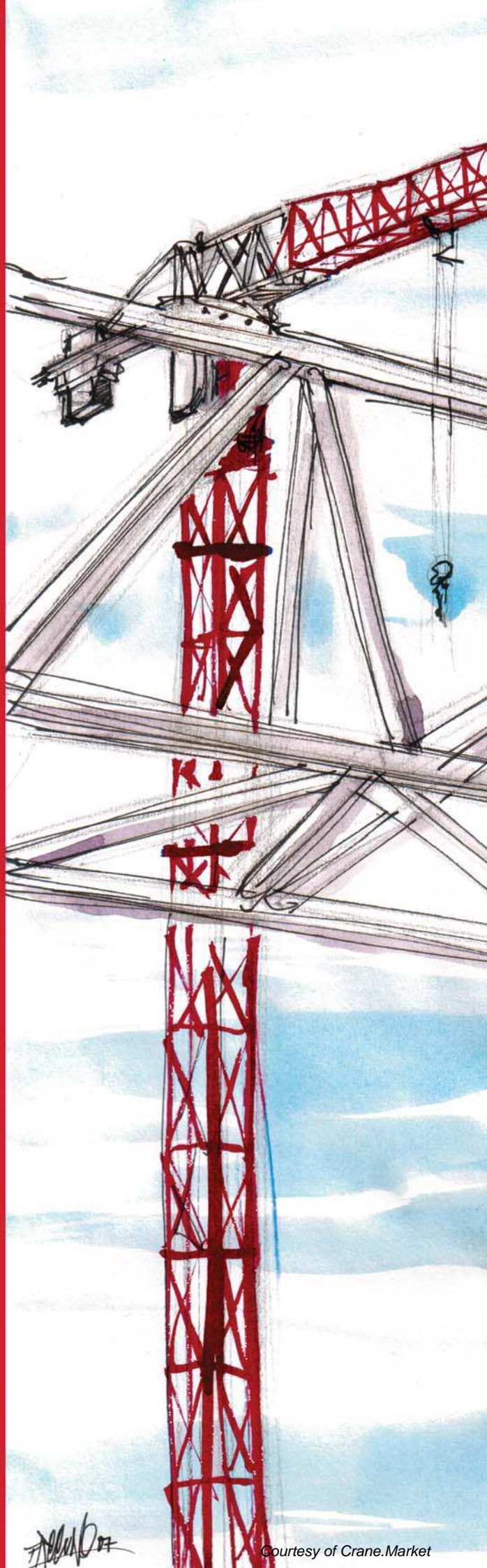
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