



Crane Specifications

Norfolk International Terminals (NIT) - South Terminal (SNIT)

Crane Specifications		NIT SOUTH											
		Berth 1				Berth 2				Berth 3			
Crane Number		#4	#3	#2	#1	#18	#17	#16	#15	#29	#30	#31	#32
In-Service Date		2003	2003	2003	2003	2022	2022	2020	2020	2026	2026	2026	2026
Manufacturer		ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC
Capacity Long Tons	Cont Bar	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
	H/L Bar	80.00	80.00	80.00	80.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Length of Boom "A" (ft)		230.87	230.87	230.87	230.87	226.38	226.38	226.38	226.38	226.38	226.38	226.38	226.38
Fender [Distance from offshore gantry rail to offshore edge of fender system] (ft)		19.95	19.95	19.95	19.95	19.95	19.95	19.95	19.95	19.95	19.95	19.95	19.95
Effective Boom Distance (ft)		210.92	210.92	210.92	210.92	206.43	206.43	206.43	206.43	206.43	206.43	206.43	206.43
Effective Boom Distance (m)		64.29	64.29	64.29	64.29	62.92	62.92	62.92	62.92	62.92	62.92	62.92	62.92
Height of Water to Dock (MLW) (ft)		-	-	-	-	-	-	-	-	-	-	-	-
Height of Water to Dock (MHW) [2.43 ft above MLW] (ft)		8.04	8.04	8.04	8.04	8.04	8.04	8.04	8.04	8.04	8.04	8.04	8.04
Height of Spreader to Dock "B" (ft)		5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61
Height of Spreader to Dock "B" (m)		125.79	125.79	125.79	125.79	170.60	170.60	170.60	170.60	170.60	170.60	170.60	170.60
Height of Spreader to Water (MHW) (ft)		38.34	38.34	38.34	38.34	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00
Height of Spreader to Water (MLW) (m)		133.79	131.40	131.40	131.40	176.21	176.21	176.21	176.21	176.21	176.21	176.21	176.21
Height Boom to Dock "C"		40.79	40.79	40.79	40.79	54.45	54.45	54.45	54.45	54.45	54.45	54.45	54.45
Height Boom to Water (MHW) (ft)		154.68	154.68	154.68	154.68	191.90	191.90	191.90	191.90	191.90	191.90	191.90	191.90
Height under Beam "D" (ft)		160.42	160.29	160.29	160.29	197.51	197.51	197.51	197.51	197.51	197.51	197.51	197.51
Overall Length (ft)		55.00	55.00	55.00	55.00	55.94	55.94	55.94	55.94	55.94	55.94	55.94	55.94
Width between Legs (ft)		88.58	88.58	88.58	88.58	88.58	88.58	88.58	88.58	88.58	88.58	88.58	88.58
Rail Gauge (ft)		60.26	60.26	60.26	60.26	59.06	59.06	59.06	59.06	59.06	59.06	59.06	59.06
Back Reach Distance (ft)		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Container Count Across Vessel		73.43	73.43	73.43	73.43	82.02	82.02	82.02	82.02	82.02	82.02	82.02	82.02
Container Count Across Vessel		25.00	25.00	25.00	25.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00

Norfolk International Terminal (NIT) - North Terminal (NNIT)

Crane Specifications		Berth 2		
		#12	#13	#14
Crane Number				
In-Service Date		2008	2008	2008
Manufacturer		ZPMC	ZPMC	ZPMC
Capacity Long Tons	Cont Bar	50/65	50/65	50/65
	H/L Bar	80.00	80.00	80.00
Length of Boom "A" (ft)		201.00	201.00	201.00
Fender [Distance from offshore gantry rail to offshore edge of fender system] (ft)		14.76	14.76	14.76
Effective Boom Distance (ft)		186.24	186.24	186.24
Effective Boom Distance (m)		56.77	56.77	56.77
Height of Water to Dock (MLW) (ft)		-	-	-
Height of Water to Dock (MHW) [2.43 ft above MLW] (ft)		9.01	9.01	9.01
Height of Spreader to Dock "B" (ft)		6.58	6.58	6.58
Height of Spreader to Dock "B" (m)		115.63	115.63	115.63
Height of Spreader to Water (MHW) (ft)		35.24	35.24	35.24
Height of Spreader to Water (MLW) (m)		122.21	122.21	122.21
Height Boom to Dock "C"		37.99	37.99	37.99
Height Boom to Water (MHW) (ft)		137.71	137.71	137.71
Height under Beam "D" (ft)		144.29	144.29	144.29
Overall Length (ft)		55.00	55.00	55.00
Width between Legs (ft)		88.50	88.50	88.50
Rail Gauge (ft)		60.00	60.00	60.00
Back Reach Distance (ft)		100.00	100.00	100.00
Container Count Across Vessel		75.00	75.00	75.00
Container Count Across Vessel		22.00	22.00	22.00



THE PORT OF
VIRGINIA®

Crane Specifications

Virginia International Gateway (VIG)

Crane Specifications		VIG													
		Berth 1				Berth 2				Berth 3				Berth 4	
Crane Number		# 21	# 22	# 23	# 24	# 1	# 2	# 3	# 4	# 9	# 10	# 11	# 12	# 5	# 6
In-Service Date		2022	2025	2025	2025	2007	2007	2007	2007	2019	2019	2019	2019	2007	2007
Manufacturer		ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC
Capacity Long Tons	Cont Bar	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
	H/L Bar	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Length of Boom "A" (ft)		226.38	226.38	226.38	226.38	205.05	205.05	205.05	205.05	226.38	226.38	226.38	226.38	205.05	205.05
Fender [Distance from offshore gantry rail to offshore edge of fender system] (ft)		17.23	17.23	17.23	17.23	17.23	17.23	17.23	17.23	17.23	17.23	17.23	17.23	17.23	17.23
Effective Boom Distance (ft)		209.15	209.15	209.15	209.15	187.82	187.82	187.82	187.82	209.15	209.15	209.15	209.15	187.82	187.82
Effective Boom Distance (m)		63.75	63.75	63.75	63.75	57.25	57.25	57.25	57.25	63.75	63.75	63.75	63.75	57.25	57.25
Height of Water to Dock (MLW) (ft)		13.48	13.48	13.48	13.48	13.48	13.48	13.48	13.48	13.48	13.48	13.48	13.48	13.48	13.48
Height of Water to Dock (MHW) [2.43 ft above MLW] (ft)		11.05	11.05	11.05	11.05	11.05	11.05	11.05	11.05	11.05	11.05	11.05	11.05	11.05	11.05
Height of Spreader to Dock "B" (ft)		170.60	170.60	170.60	170.60	134.51	134.51	134.51	134.51	170.60	170.60	170.60	170.60	134.51	134.51
Height of Spreader to Dock "B" (m)		52.00	52.00	52.00	52.00	41.00	41.00	41.00	41.00	52.00	52.00	52.00	52.00	41.00	41.00
Height of Spreader to Water (MHW) (ft)		181.65	181.65	181.65	181.65	145.56	145.56	145.56	145.56	181.65	181.65	181.65	181.65	145.56	145.56
Height of Spreader to Water (MLW) (m)		56.11	56.11	56.11	56.11	45.11	45.11	45.11	45.11	56.11	56.11	56.11	56.11	45.11	45.11
Height Boom to Dock "C"		191.90	191.90	191.90	191.90	159.19	159.19	159.19	159.19	191.90	191.90	191.90	191.90	159.19	159.19
Height Boom to Water (MHW) (ft)		202.95	202.95	202.95	202.95	170.24	170.24	170.24	170.24	191.31	191.31	191.31	191.31	170.24	170.24
Height under Beam "D" (ft)		55.77	55.77	55.77	55.77	55.77	55.77	55.77	55.77	55.94	55.94	55.94	55.94	55.77	55.77
Overall Length (ft)		88.58	88.58	88.58	88.58	88.58	88.58	88.58	88.58	88.58	88.58	88.58	88.58	88.58	88.58
Width between Legs (ft)		59.04	59.04	59.04	59.04	59.04	59.04	59.04	59.04	59.04	59.04	59.04	59.04	59.04	59.04
Rail Gauge (ft)		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Back Reach Distance (ft)		82.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00
Container Count Across Vessel		24.00	24.00	24.00	24.00	22.00	22.00	22.00	22.00	24.00	24.00	24.00	24.00	22.00	22.00