

BARBOURS CUT CONTAINER TERMINAL WHARF CRANE SPECIFICATIONS

Crane #	3	4	9	10	301	302	303	304	305	306	307	308	309	310
In Service Date	1997	1997	1993	1993	2015	2015	2015	2015	2018	2018	2018	2006	2006	2006
Manufacturer	IMPISA	IMPISA	Morris	Morris	KONECRANE	KONECRANE	KONECRANE	KONECRANE	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC	ZPMC
Capacity LT's	Spreader Bar	50	50	50	50	50/65	50/65	50/65	50/65	50/65	50/65	50/65	50/65	50/65
	H/L Gear (hook)	70 @ 100' outreach/50 @ >100'	70 @ 100' outreach/50 @ >100'	58	58	80	80	80	80	80	80	80	80	80
	Offset Bar	20' = 44LT 40' = 38.5LT 45' = 37LT	20' = 44LT 40' = 38.5LT 45' = 37LT	20' = 44LT 40' = 38.5LT 45' = 37LT	20' = 44LT 40' = 38.5LT 45' = 37LT									
Container Count Across Vessel	16	16	16	16	22	22	22	22	22	22	22	18	18	18
Length of Boom (ft)	140'	140'	140'	140'	211'	211'	211'	211'	211'	211'	211'	178'	178'	178'
Distance from waterside gantry rail to waterside edge of fender	12' 11"	12' 11"	12' 11"	12' 11"	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'
Height of water to dock (Mean Low Water) Ft	18'	18'	18'	18'	18'	18'	18'	18'	18'	18'	18'	18'	18'	18'
Height of water to dock (Mean High Water) Ft	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'
Height of Spreader to Dock (Ft)	100'	100'	96'	96'	144'	144'	144'	144'	144'	144'	144'	100'	100'	100'
Height of Spreader to water (MHW) Ft	115'	115'	111'	111'	159'	159'	159'	159'	159'	159'	159'	115'	115'	115'
Height Boom to Dock (Ft)	114'	114'	117'6"	117'6"	166'	166'	166'	166'	162'	162'	162'	131'	131'	131'
Height Boom To water (MHW) Ft	129'	129'	132'6"	132'6"	181'	181'	181'	181'	177'	177'	177'	146'	146'	146'
Height Under Beam (ft)	41'4"	41'4"	44'11"	44'11"	55'	55'	55'	55'	55'	55'	55'	55'	55'	55'
Overall length (ft)	317'	317'	312'	312'	481'	481'	481'	481'	484'	484'	484'	453'	453'	453'
Width between legs (ft)	46'	46'	44'	44'	56'	56'	56'	56'	55'	55'	55'	56'	56'	56'
Rail Gauge (ft)	50'	50'	50'	50'	100'	100'	100'	100'	100'	100'	100'	100'	100'	100'
Back Reach Distance (ft)	60'	60'	60'	60'	75'	75'	75'	75'	75'	75'	75'	75'	75'	75'
Wharf Crane Mobility	4440' - 5875'	4525' - 5950'	4620' - 6300'	4700' - 6770'	1045'-2900'	1135'-3025'	1225'-3600'	1315'-3700'	1405'-4075'	1495'-4175'	1585'-4050'	2600'-4100'	2700'-4200'	2775'-4275'