

TPK KOJA'S FACILITIES

No.	SPECIFICATION	TOTAL	UNIT
I.	BERTH		
	- Length	650	meters
	- Width	40	meters
	- Draft Channel	-14	m LWS
	- Draft Wharf	-13	m LWS
II.	CONTAINER YARD		
	- TGS	5,700	slot
	- Area	25.72	HA
	- Static Capacity for CY Import	9,828	TEUs
	- Static Capacity for CY Export	9,072	TEUs
	- Reefer Plug	310	Plug
III.	EQUIPMENT		
	- Gate	6	units
	- Gantry / Container Crane	7	units
	- Head Truck	48	units
	- Chassis	60	units
	- RTG	25	units
	- Reachstacker	3	units
	- Fire Fighting Car	1	unit

NOTE: Average BCH = 27 Boxes/Hours

No.	SPECIFICATION	UNIT	PANAMAX	POST PANAMAX	SUPER POST PANAMAX (Twin Lift)	SUPER POST PANAMAX (Twin Lift)
	QCC		3 UNITS	2 UNITS	1 UNIT	1 UNIT
1.	Year Made	-	November 1996	January 1998	April 2003	July 2013
2.	Manufacturer	-	Mitsubishi	Mitsubishi	Doosan	ZPMC
3.	Rated Capacity	tons	35	40	41	41
4.	Total Lifting Capacity	tons	45	50	51	51
5.	Outreach	meter	34	45	52	53.5
6.	Backreach	meter	16	16	15	15
7.	Main Hoist Speed/Loader	m/min	55	70	60	60
8.	Main Hoist Speed/Spreader	m/min	110	150	170	170
9.	Trolley Traverse Speed	m/min	120	180	210	210
10.	Average Movement/Hour	m/hour	27	27	27	27

No.	SPECIFICATION	UNIT	RTG MITSUBISHI	RTG SUMITOMO	RTG ZPMC	RTG ZPMC
	RUBBER TYRED GANTRY					
1.	Rated Load Under Spreader	MT	35	35	40	40
2.	Telescopic Spreader	-	Bromma Spreader	Bromma Spreader	ZPMC	ZPMC
3.	Principal Dimension and Clearance					
	- Gauge (Span)	meter	22.71	22.71	23.47	23.47
	- Trolley Travel Range	meter	18.21	18.31	18.5	18.5
	- Wheel base	meter	6.4	6.4	6.9	6.9
	- Lift Height Under Spreader	meter	15.2	15.2	18.2	18.2
4.	Steering	-	90° Cross Travel	90° Cross Travel	90° Cross Travel	90° Cross Travel
5.	Rubber Tyres					
	- Tyre Size	-	18.00-25-36PR	18.00-25-36PR	21.00-25,36 Ply	21.00-25,36 Ply
	- Tyre Pressure	kg/cm ³	9.75 kg/cm ³	9.75 kg/cm ³	10 kg/cm ³	10 kg/cm ³
6.	Power Supply					
	- Diesel Engine	-	Self Contained diesel generator set Detroit Diesel Asia 12 V Series 92	Self Contained diesel generator set Detroit Diesel Asia 6 V Series 60	Self Contained diesel generator set Cummins QSX15-G8	Self Contained diesel generator set Cummins QSX15-G8
	- Generator	-	Leroy Somer LSA49 1M6	Leroy Somer LSA49 1M6	Stamford HCI 634 K1	Stamford HCI 634 K1
7.	Hoisting and Lowering rated load speed	m/min	20	20	25	25
8.	Hoisting and Lowering empty spreader speed	m/min	45	45	60	60
9.	Trolley travel rated load speed	m/min	70	70	70	70
10.	Gantry travel empty spreader speed	m/min	135	135	134	134
11.	Total Unit	-	11	9	2	3
12.	Asset No.	-	1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	13, 14, 15, 16, 17, 18, 19, 20, 21	2, 22	23, 24, 25