

MUTIARA 180
KOBELCO 7250



GENERAL PARTICULARS

FLAG	MALAYSIA
YEAR	2013
CLASS	ABS
NOTATIONS	✕ A1, BARGE
OFFICIAL NO	398729
MPA HCL NO	SR3796F
DIMENSIONS	180 x 60 x 12 FT
DECK STRENGTH	15 TONS/M ²
GRT / NRT	931/281
DEAD WEIGHT	APPROX 2,281 TONS
NO OF COMPARTMENTS	18 WATERTIGHT COMPARTMENTS
NO OF BULKHEADS	2 LONGITUDINAL & 5 TRANSVERSE

CRAWLER CRANE INFORMATION

BRAND	KOBELCO 7250-2F
YEAR BUILT	2008
SERIAL NO	JD04-02268
BOOM	45.70 M
WIRE ROPES	28MM (THK) 390MM (MAIN) LENGTH , (AUX) 220M LENGTH
MAIN HOOK	MAX.SWL 150TON
BALL HOOK	MAX.SWL 13.5TON

DECK EQUIPMENT

ANCHOR	1 X 1,140KG STOCKLESS ANCHOR
ANCHOR WINCH	1 SET OF 10 TONS CAPACITY DIESEL-DRIVEN WINCH C/W ONE LENGTH OF 25MM DIA X 150M OF STEEL WIRE ROPE
TOWING BRACKETS	5 SMIT TYPE TOWING PADS, 3 AT BOW AND 2 AT AFT OF THE BARGE
NAVIGATION LIGHTS STANDS	3 UNITS
STANCHIONS	15 PORT / 15 STARBOARD
WIDTH BETWEEN STANCHIONS	TBA

OTHER FITTINGS & INSTALLATIONS

GENERATOR	DCA-125 SPR (DENYO)
MOORING	YES
OFFICE & ACC	NA
STORE	NA
OTHER FITTINGS	TBA

SCANTLING

DECK PLATING	16MM
BOTTOM PLATING	12MM

Tiong Woon Offshore Pte. Ltd.

Co. Reg. No. 200304922M

No 15 Pandan Crescent, Singapore 128470

Tel: (65) 62617888 Fax: (65) 6777 4544

Tiong Woon Corporation Holding Ltd

(Group Head Office)

Co. Reg. No. 199705837C

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Crane & Transport Booking Hotline: (65) 6777 8882

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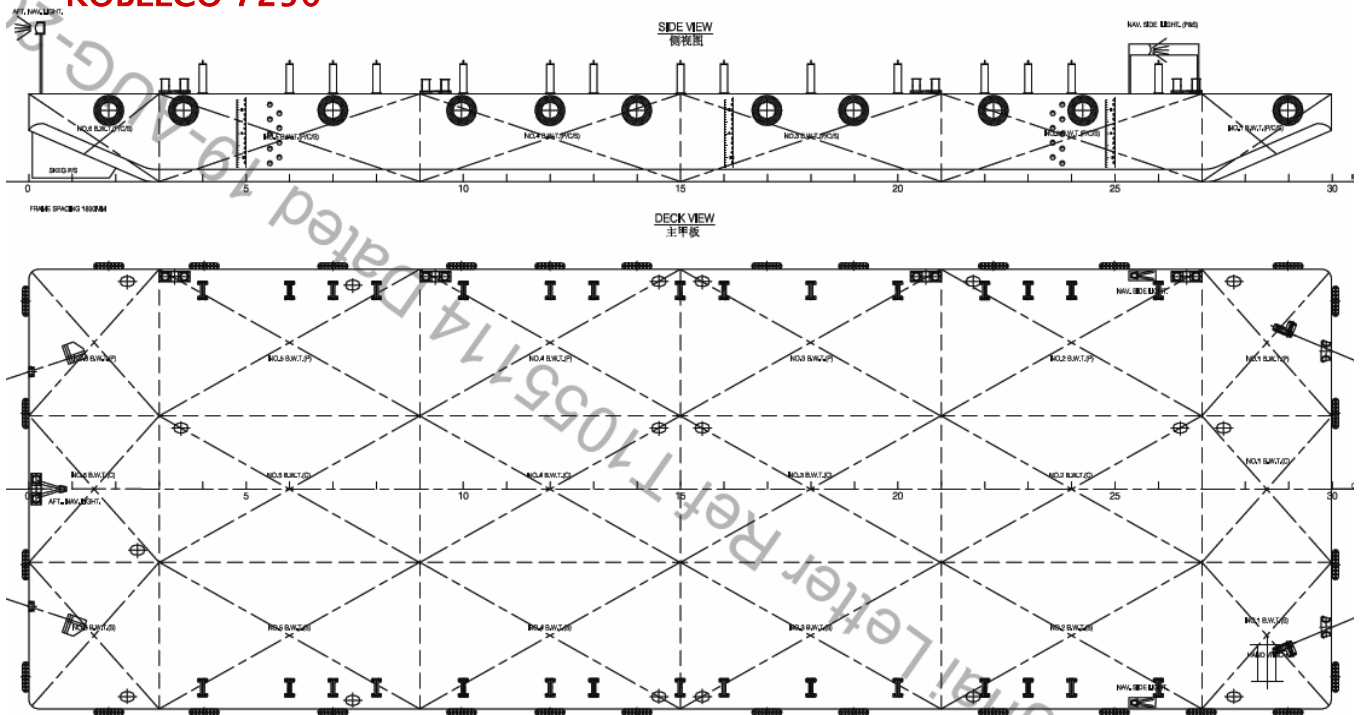


TIONG WOON OFFSHORE PTE. LTD.

-A member of Tiong Woon Corporation Holding Ltd-

MUTIARA 180

KOBELCO 7250



Crane Boom Lifting Capacity

Unit: metric ton

Counterweight: 97.1 t, Carbody weight: 20.0 t

Working radius (m)	Boom length (m)													Working radius (m)
	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8		
4.6	4.6 m/250.0													4.6
5.0	230.7	219.0	5.5 m/197.6											5.0
6.0	191.5	191.5	191.1	6.1 m/175.6	6.6 m/156.0									6.0
7.0	165.9	165.6	165.2	165.0	154.4	7.1 m/135.0	7.7 m/128.5							7.0
8.0	146.1	145.8	145.4	145.2	144.9	135.0	127.0	8.2 m/117.3	8.7 m/107.1					8.0
9.0	130.4	130.1	129.8	129.6	129.2	129.0	122.9	114.4	106.2	9.2 m/98.6	9.8 m/90.4			9.0
10.0	117.7	117.4	117.1	116.9	116.5	116.3	116.0	111.2	103.3	96.6	89.9	10.3 m/81.0		10.0
12.0	90.5	90.3	90.1	90.0	89.8	89.8	89.5	89.5	89.4	89.2	85.1	79.8		12.0
14.0	69.0	72.7	72.4	72.3	72.1	72.0	71.8	71.8	71.6	71.4	71.2	71.2		14.0
16.0	14.8 m/60.9	60.6	60.3	60.2	60.0	59.9	59.6	59.6	59.4	59.2	59.0	59.0		16.0
18.0		17.5 m/52.2	51.6	51.4	51.2	51.1	50.8	50.8	50.5	50.3	50.1	50.1		18.0
20.0			45.0	44.8	44.5	44.4	44.0	44.0	43.8	43.6	43.4	43.3		20.0
22.0			20.1 m/44.8	39.6	39.3	39.1	38.8	38.8	38.5	38.3	38.1	38.0		22.0
24.0				22.7 m/38.0	35.1	34.9	34.5	34.5	34.2	34.0	33.8	33.7		24.0
26.0					25.4 m/32.6	31.4	31.0	31.0	30.7	30.5	30.3	30.2		26.0
28.0						28.5	28.1	28.1	27.8	27.5	27.3	27.3		28.0
30.0							25.7	25.7	25.3	25.1	24.8	24.8		30.0
32.0							30.7 m/25.0	23.5	23.2	22.9	22.7	22.6		32.0
34.0								33.3 m/22.3	21.4	21.1	20.8	20.7		34.0
36.0									35.9 m/19.8	19.5	19.2	19.1		36.0
38.0										18.1	17.8	17.7		38.0
40.0										38.6 m/17.7	16.5	16.4		40.0
42.0											41.2 m/15.8	15.3		42.0
44.0												43.9 m/14.3		44.0
Reeves	22	18	16	14	12	10	10	9	8	8	7	6	Reeves	

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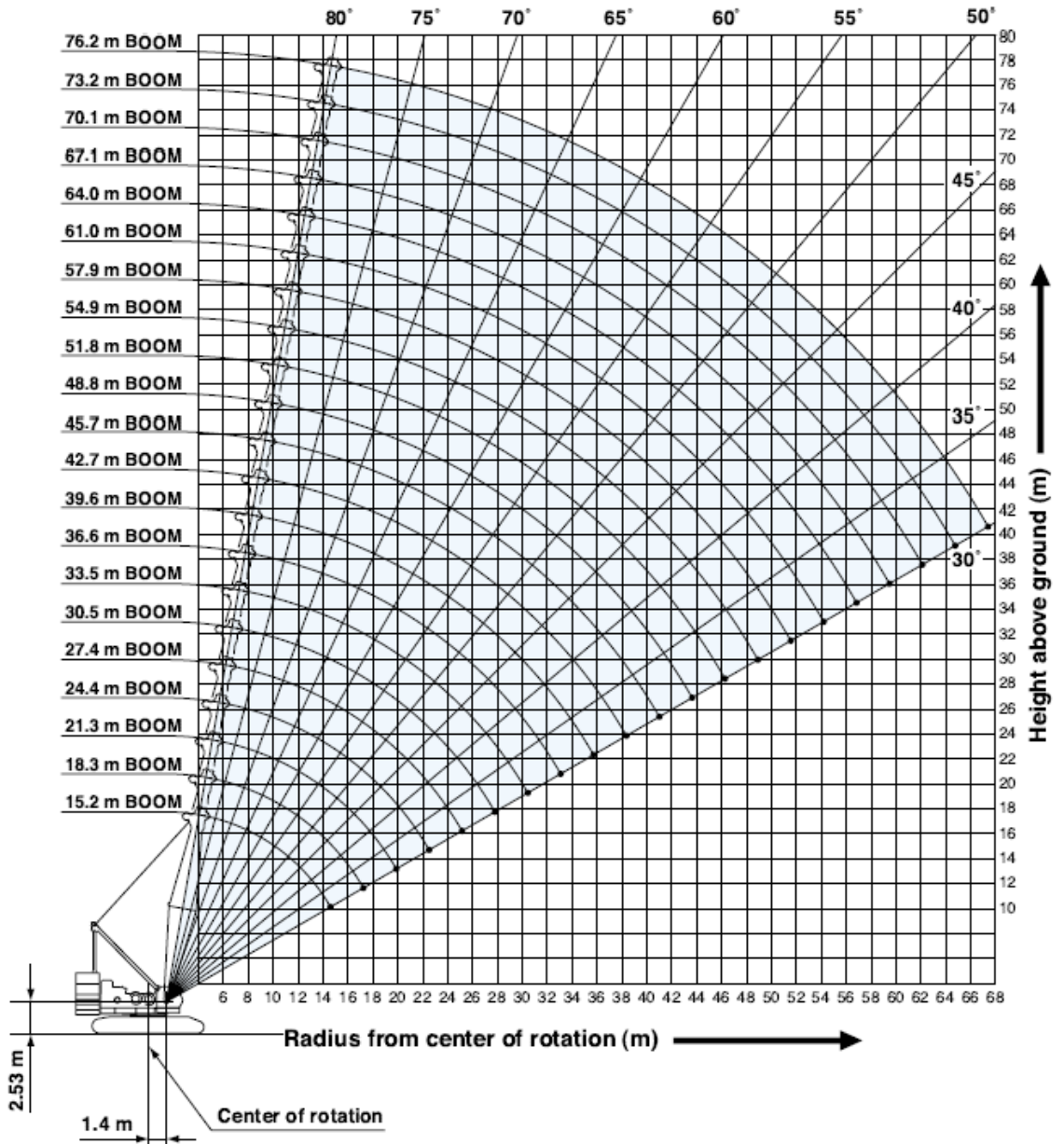
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Crane Boom Working Ranges



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