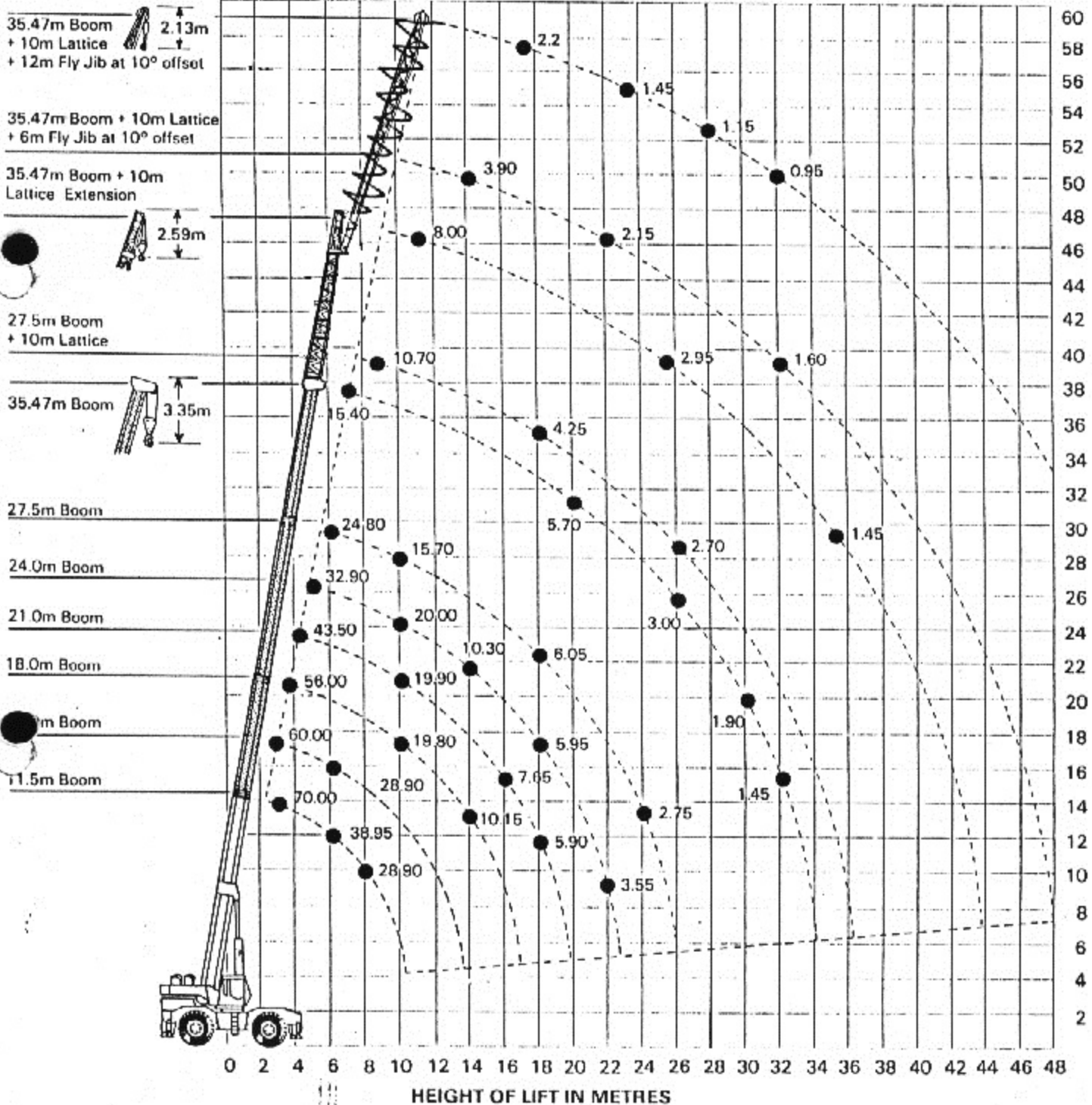


Husky 680S

BS 1757 RATING — TONNES (PINNED BOOM)

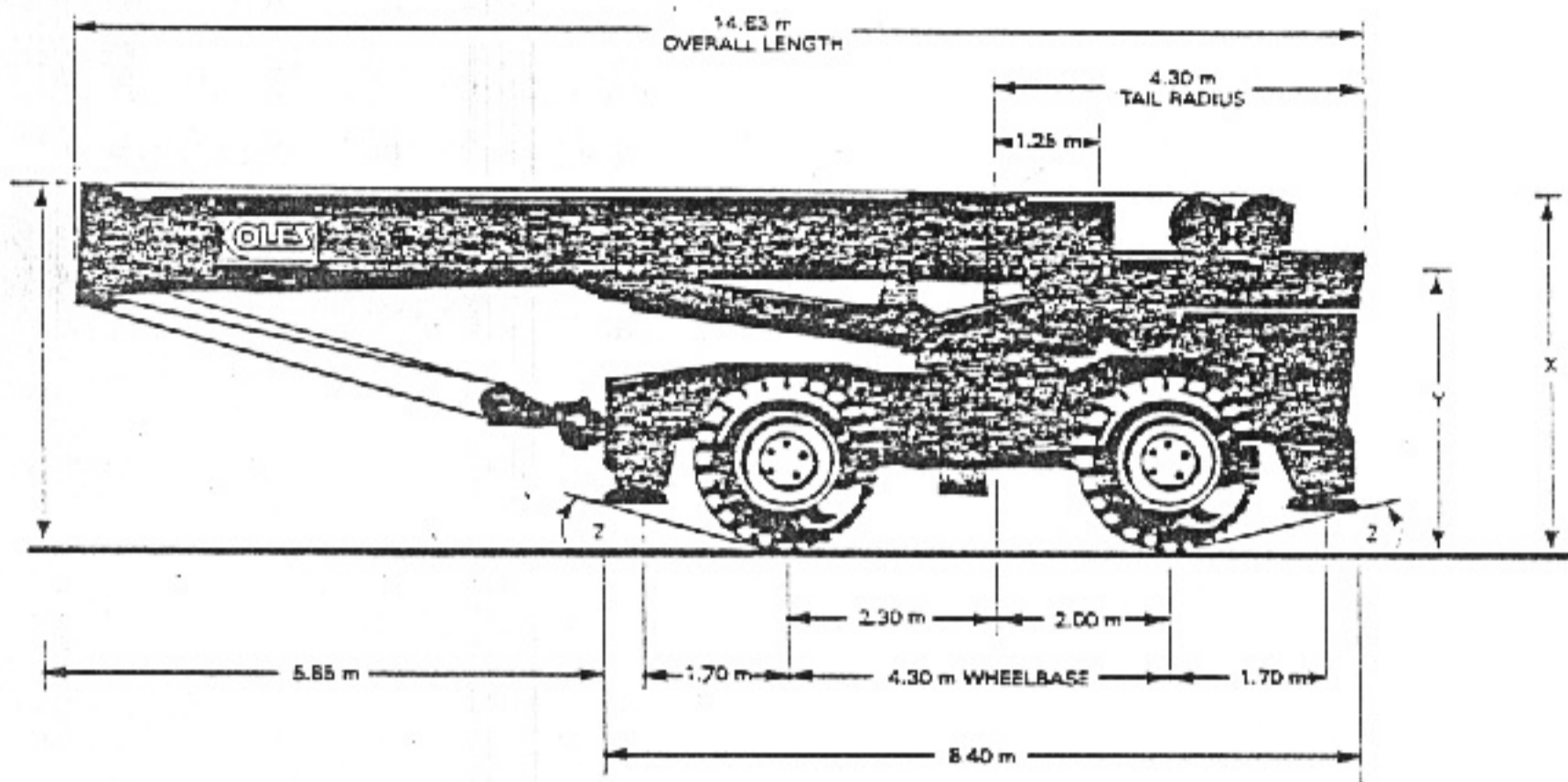


NOTE: The above heights of lift, spot heights and boom angles are based on a straight (unladen) boom and allowance should be made for boom deflection obtained under laden conditions.

This height of lift chart is a guide only. The duty chart is the only authoritative statement of the crane's ability to carry out a particular lift at any radii, boom angle or boom length.

HOOKBLOCK CAPACITIES AND WEIGHTS — TONNES

Number of Falls	11	10	9	8	7	6	5	4	3	2	1
Permissible Load	70.00	68.45	62.20	55.85	49.35	42.70	35.90	29.00	21.95	14.80	7.45
Weight of Hookblock	1.00	1.00	1.00	1.00	0.75	0.75	0.75	0.75	0.305	0.305	0.20



AXLE LOADINGS — Tonnes

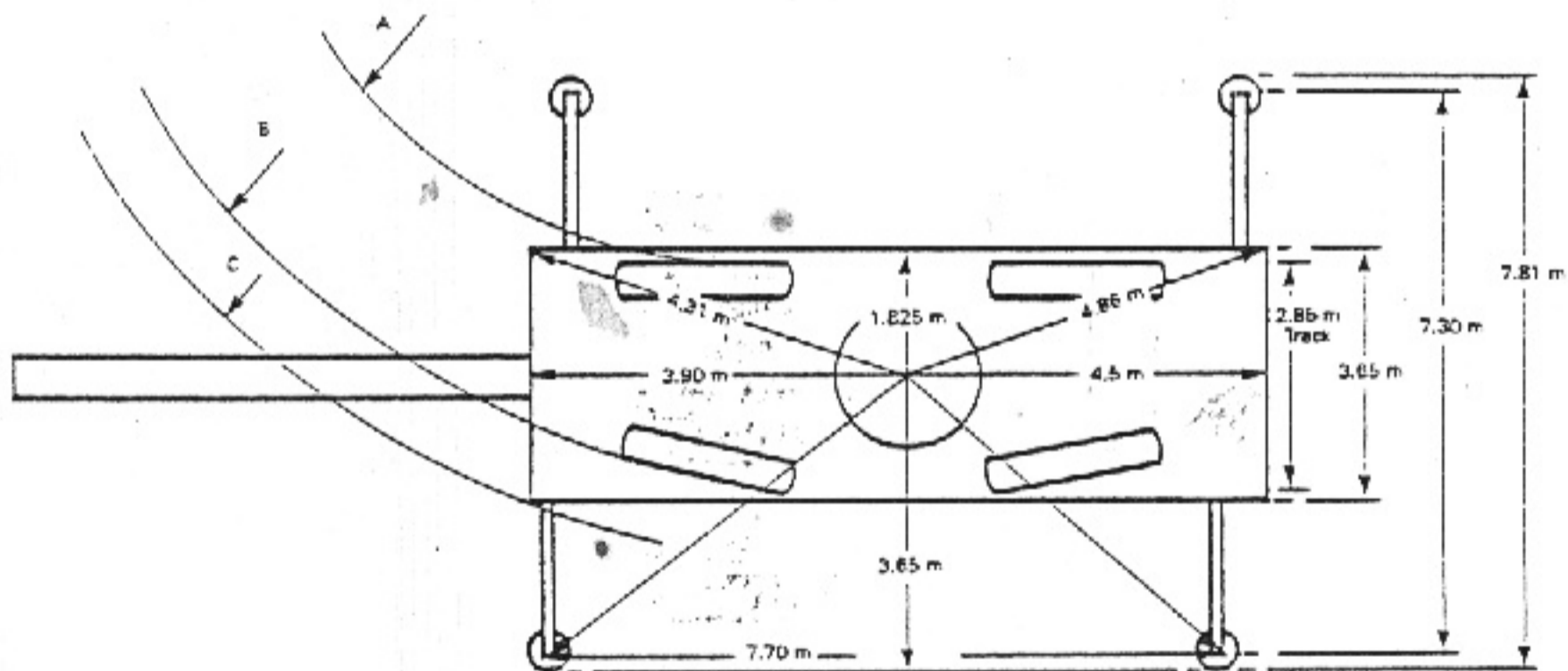
Basic Crane in N.T.O.

25.46

25.00

Total Weight

50.46



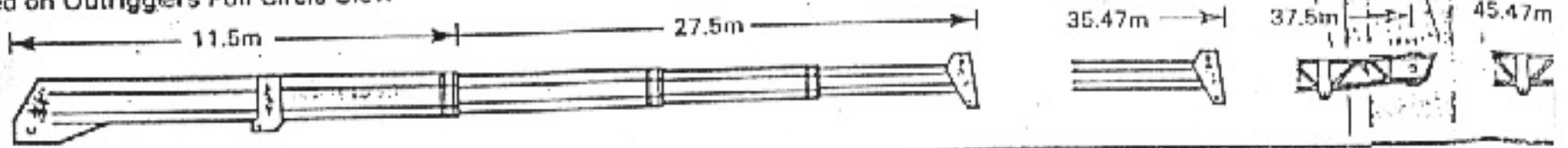
VARIATIONS ACCORDING TO TYRES FITTED

Turning Radius	Kerb to Kerb Inner Radius 'A'		Kerb to Kerb Outer Radius 'E'		Wall to Wall Radius 'C'	
	2 wheel steer	4 wheel steer	2 wheel steer	4 wheel steer	2 wheel steer	4 wheel steer
17.5 • 25	10.20 m	5.0 m	12.85 m	7.7 m	12.90 m	9.00 m

Overall Height	Boom Pivot Height	Approach and Departure \angle 's
X	Y	Z
4.0 m	5.20 m	22°

LIFTING CAPACITIES — 7 TONNE COUNTER

Blocked on Outriggers Full Circle Slew



Radius in Metres	Main Boom Capacities — Fully Telescoping								Unpinned Capacities — See Notes				11.0m to 27.5m Boom plus				
	11.5m Boom fully re- tracted	With 4th (top) 7.97m section fully retracted					35.47m* with top section fully extended		11.5m to 15.0m	15.0m to 18.0m	18.0m to 21.0m	21.0m to 24.0m	10.0m lattice ext with 4th (top) section retracted	10.0m lattice with 4th section full			
		11.5m to 15.0m	15.0m to 18.0m	18.0m to 21.0m	21.0m to 24.0m	24.0m to 27.5m	L°	Load							L°	Load	L°
3.0m	70.00	60.00†	56.00†	51.95†	43.50†	32.90†	24.80†	79°	15.40	40.00	40.00	40.00	40.00	37.50	37.50	37.50	37.50
3.5m	59.20	57.20†	56.00†							40.00	40.00						
4.0m	53.80	51.95†	50.80†	43.50†						40.00	40.00	40.00					
5.0m	45.35	43.80†	42.75†	39.40†	32.90†					40.00	40.00	39.40	27.65				
6.0m	38.95	37.80†	36.85†	35.90†	30.25†	24.80†				37.80	36.85†	35.90†	27.65				
7.0m	33.65	33.10	32.30	31.60	27.65	21.80				▲ The above capacities are unpinned and replace the pinned capacities shown in the main capacity table when using telescoping boom. † Capacities indicated thus in the main capacity tables are pinned capacities obtainable at the maximum boom length quoted. All other capacities are applicable within the telescopic boom lengths indicated at a given radius. * These duties are angle based and the maximum radii quoted are for reference only. The 4th section must be fully extended.							
8.0m	28.90	28.90	28.65	28.05	25.60	19.40	79°	15.40									
9.0m	24.00	24.00	24.45	24.60	23.70	17.40	77°	14.50									
10.0m			19.80	19.90	20.00	15.70	75.5°	13.80									
12.0m			13.75	13.90	14.00	13.10	72°	11.70									
14.0m			10.15	10.20	10.30	10.40	68°	9.90									
16.0m			7.65	7.80	7.90	7.90	64.5°	8.50									
18.0m			5.90	5.95	6.05	6.05	60.5°	7.05									
20.0m					4.65	4.70	57°	5.70									
22.0m					3.55	3.60	52.5°	4.60									
24.0m						2.75	48°	3.70									
26.0m							43°	3.00									
28.0m							38°	2.40									
30.0m							31.5°	1.90									
32.0m							24°	1.45									
35.0m																	

Maximum combined length with fly jib and/or lattice extension =

= With Outriggers
 = Without Outriggers
 ☆ = Over Front Only
 ☆ ☆ = Full Circle Slew
 L° = Laden Boom A

IMPORTANT NOTES

- Capacities are in accordance with clause 11 — Stability of BS 1757: 1981 — Power-driven mobile cranes with wind forces to tables 2 (a) and 3 (a) of BS 2573: Part 1: 1977 — Permissible stresses in crane and design rules — Structures and IDIN 15019 Part 2 1979.
- Capacities above thick line are based on factors other than stability, for this reason crane tipping must not be relied upon as a guide to capacity limitation.
- Capacities shown in the duty chart must not be derricked below 12° boom angle.
- The weights of the lifting hook, slings, equalising beams and all similarly used load handling devices are considered part of the load being lifted.
- The tabulated capacities shown are valid only if, when operating on outriggers, the outrigger beams are fully extended and the machine accurately levelled on a firm and uniformly supporting surface, or when operating free-on-wheels with the machine on a firm, level and uniformly supporting surface with tyres inflated to the correct pressure.
- Angle based capacities are determined by laden boom angles given and not by radius. Radii quoted refer only to fully extended booms.
- Over front capacities must only be lifted within a maximum slewing angle of 2 1/2° either side of crane centre line when operating "free-on-wheels".
- If a hookblock is fitted to the main boom, the lattice extension/fly jib capacities must be reduced by the weight of that hookblock.
- If a hookblock is reeved over the telescopic boom head, the lattice boom/fly jib capacities must be reduced by the weight of that hookblock — see table.

