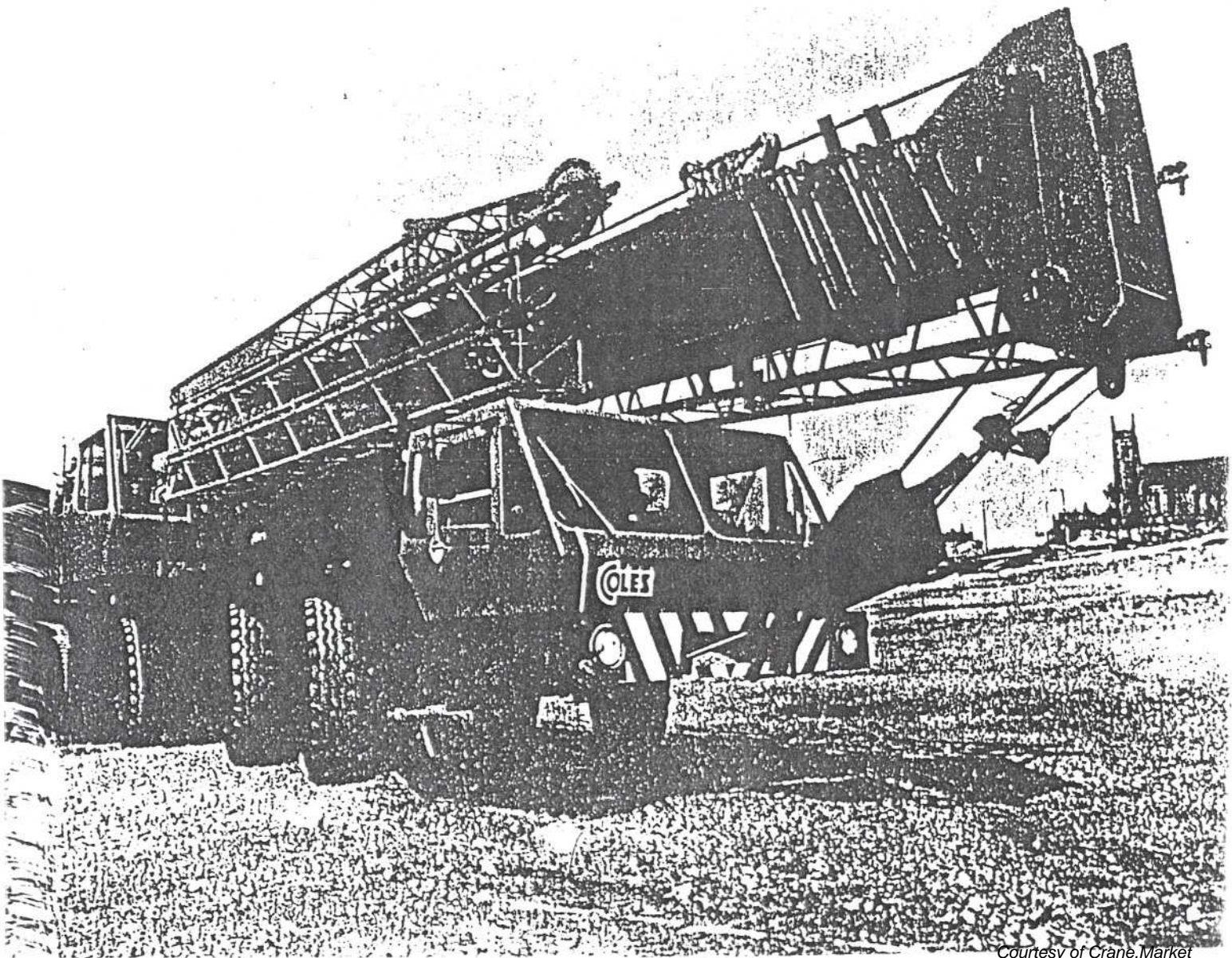


COLES

Hydra Truck 80/88T

This is Coles Hydra Truck 80/88T, one of the highly successful range of Coles telescopic-boom truck cranes. The 80/88T is a power-packed machine offering 360° duties throughout the range for really efficient, productive performance. A choice of chassis widths and drive systems, fast road speeds, comfortable cabs, automatically synchronised boom extension, easy-to-rig lattice extension and fly jibs — all these are features of the 80/88T.

This is a machine in a class of its own: take a closer look at what it can do for you.



COLES Hydra Truck 80/88T

85% RATING — TONNES

Duty Sheet 1084/4/83
This Duty Sheet cancels 1084/3/79 & 1084/8/82

STANDARD COUNTERWEIGHT

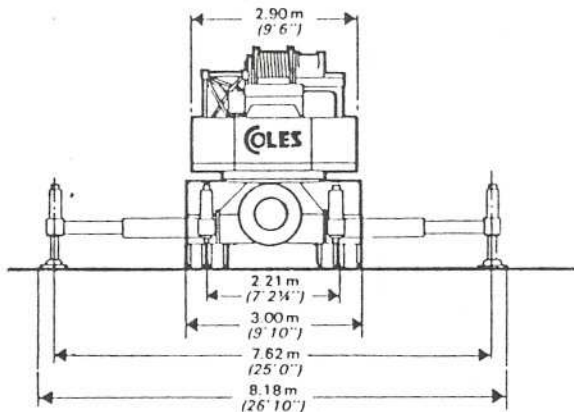
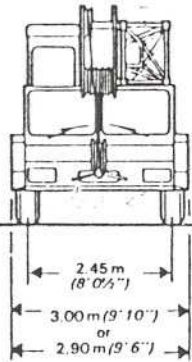
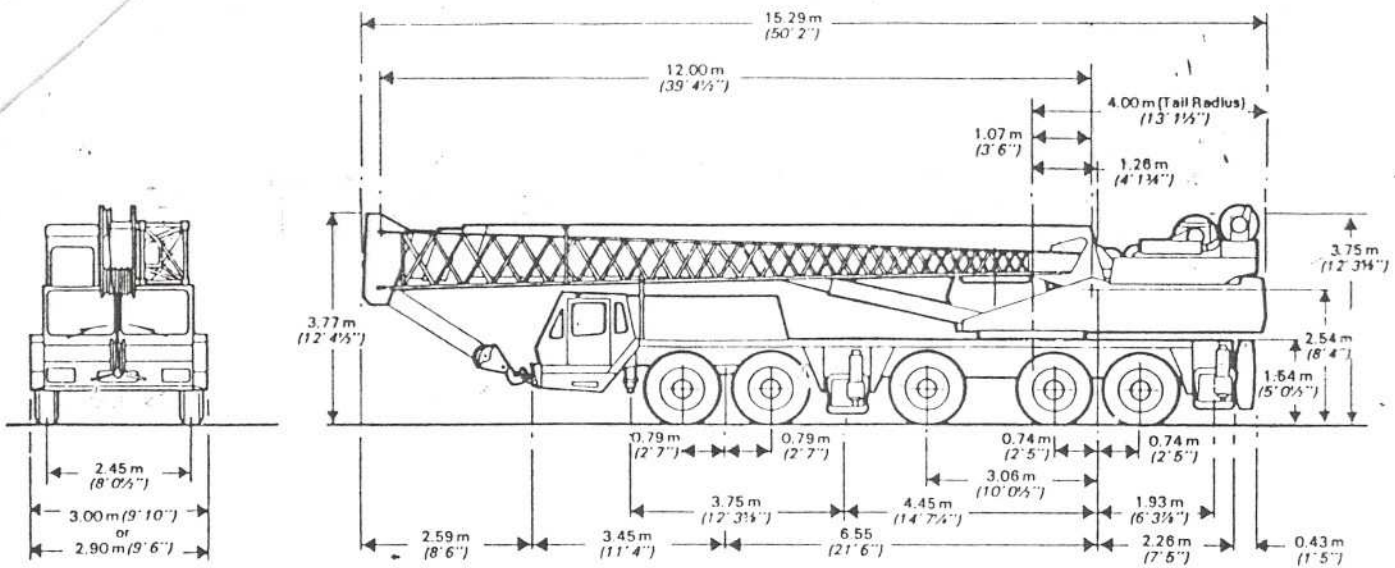
LIFTING CAPACITIES THROUGH FULL CIRCLE SLEW — WITH FIVE OUTRIGGER JACKS IN USE — (see notes on pages 2 & 3)

Telescoping Boom Capacities — Fully Telescoping						Fully Synchronised	
Radius in Metres	With 4th (top) section Fully Retracted					Including 4th (top) section	
	12.00 m Fully Retracted	12.00 m to 16.00 m	16.00 m to 20.00 m	20.00 m to 24.00 m	24.00 m to 28.00 m	28.00 m to 32.00 m	32.00 m to 36.00 m
3.00	100.00						
3.50	75.00	60.20					
4.00	64.50	56.00	52.10				
5.00	52.00	48.50	47.00				
6.00	42.00	41.00	39.75	36.75	28.10		
7.50	33.00	32.50	32.20	31.60	23.70	15.40	
9.00	27.00	27.00	27.00	26.00	19.80	15.40	14.50
10.50		21.20	21.20	21.20	17.20	15.40	12.90
12.00		17.00	17.00	17.00	15.00	15.40	11.50
15.00			10.90	10.90	10.90	11.55	9.15
18.00			7.20	7.20	7.20	7.80	7.50
21.00				5.00	5.00	6.20	6.20
24.00					3.35	4.40	4.40
27.00						3.15	3.15
30.00							2.25

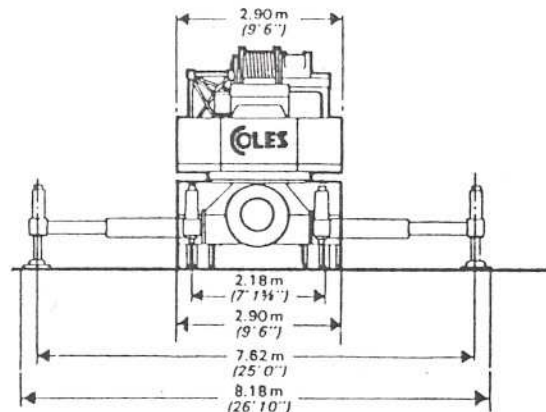
ANGLE BASED CAPACITIES THROUGH FULL CIRCLE SLEW — (see notes on pages 2 & 3)

Laden Boom Angle	12.00 m to 28.00 m (4th Section Retracted) plus 11.30 m Lattice Exten.		12.00 m to 32.00 m (including 4th Section) plus 11.30 m Lattice Exten.		32.00 m to 36.00 m (including 4th Section) plus 11.30 m Lattice Exten.		12.00 m to 36.00 m including 4th Section plus 11.30 m Lattice Extension and			
							12.20 m Fly Jib at 10° Offset		18.30 m Fly Jib at 10° Offset	
	Cap.	Max. Rad.	Cap.	Max. Rad.	Cap.	Max. Rad.	Cap.	Max. Rad.	Cap.	Max. Rad.
77½°	10.15	9.14 m	10.15	10.06 m	8.00	10.97 m	2.95	16.15 m	2.10	20.42 m
75°	9.52	10.67 m	9.52	11.89 m	7.26	13.41 m	2.72	18.29 m	1.81	21.64 m
72½°	8.62	12.19 m	8.62	13.72 m	6.67	15.54 m	2.54	20.73 m	1.59	24.69 m
70°	7.94	14.02 m	7.94	15.24 m	5.90	17.37 m	2.31	22.86 m	1.41	27.13 m
65°	6.80	17.37 m	6.94	19.08 m	4.76	21.34 m	1.95	26.52 m	1.13	31.39 m
60°	5.76	20.42 m	6.10	22.85 m	3.90	25.00 m	1.68	30.48 m	0.91	36.27 m
55°	5.00	23.16 m	4.60	25.91 m	3.31	28.65 m	1.45	34.44 m	0.77	41.15 m
50°	4.00	25.91 m	3.65	28.65 m	2.70	31.70 m				
45°	3.20	28.65 m	2.90	31.40 m	1.90	34.70 m				
40°	2.50	31.40 m	2.20	34.00 m						
Combined Length	39.30 m		43.30 m		47.30 m		55.82 m		61.92 m	

These capacities are in accordance with American Standard CS90-58 and SAE Stability Test Code 776. 85% of the load which produces tipping, and are the highest permissible ratings — see Important Notes overleaf. Courtesy of Crane Market



3.00m (9' 10") wide chassis



2.90m (9' 6") wide chassis

CLEAR OUTREACH — according to position of boom	Key	Position of Boom Relative to Chassis	Deduct from Radius	
	A	Over Front	8.91m	29' 3"
	B	Over Front Corners	9.04m	29' 7"
	C	Over Sides	4.09m	13' 5"
	D	Over Rear	4.12m	13' 6"
	E	Over Rear Corners	5.36m	17' 7"
	F	Over Centre Outriggers	5.36m	17' 7"

AXLE LOADINGS	Front Axles — each (Nos. 1 and 2)			Centre Axle (No. 3)			Rear Axles — each (Nos. 4 and 5)			Total Weight		
	tonne	ton	lb	tonne	ton	lb	tonne	ton	lb	tonne	ton	lb
Basic machine with 12 m-36 m boom, main and aux. hoists, 3 fall hookblock at bumper and ballast stowed on chassis	3.00m (9' 10") wide chassis — 10×6											
	11.55	11.37	25465	11.93	11.74	26300	11.84	11.65	26105	58.71	57.78	129440
	2.90m (9' 6") wide chassis — 10×4											
	11.25	11.07	24804	11.93	11.74	26300	11.74	11.56	25883	57.91	57.00	12764
Basic machine with 12 m-36 m boom, main and aux. hoists, 3 fall hookblock at bumper, lattice extension, spare wheel stowed and ballast stowed on chassis	3.00m (9' 10") wide chassis — 10×6											
	11.93	11.74	26303	11.93	11.74	26300	12.00	11.81	26457	59.79	58.85	131820
	2.90m (9' 6") wide chassis — 10×4											
	11.63	11.45	256	11.93	11.74	26300	11.90	11.71	26236	58.99	58.06	130052

Allowances should be made to computed totals to allow for variation in component weights and addition of optional and extra equipment.