

COLES HYDRA TRUCK 18/22T

LIFTING CAPACITY IN KILOGRAMS OVER SIDE AND REAR

WITH OUTRIGGERS

MAIN BOOM FULLY TELESCOPING

RAD IN METRES	8.5m		10.7m		12.2m		13.7m		15.2m		16.8m		18.3m		19.8m		21.6m		23.5m		25.3m	
	↘		↘		↘		↘		↘		↘		↘		↘		↘		↘		↘	
3.0	59	20412	67	15241	70	15241	73	15241	74	15241												
3.7	54	17282	63	14197	67	14197	70	14197	72	14197	74	14197										
4.6	45	13698	57	12655	62	12655	66	12655	69	12655	72	12655	74	12655								
6.1	24	9117	45	9117	53	9117	59	9117	63	9117	66	9117	68	9117	70	9117						
7.6			30	6804	42	6804	49	6804	56	680	60	6804	63	6804	66	680	68	4627	70	4627	72	4627
9.1					28	5216	40	5216	47	5216	53	5216	57	5216	60	5216	64	4218	66	4218	68	4218
12.2									25	2858	35	2858	43	2858	48	2858	53	3198	57	3198	60	3198
15.2													22	1724	32	1724	41	2064	45	2064	50	2064
18.3																	23	1451	33	1451	40	1451
21.3																						

PINNED EXTENSION

MAIN BOOM FULLY EXTENDED

6.1m FLY JIB				8.5m FLY JIB				RAD IN METRES
↘	10° OFFSET	↘	NO OFFSET	↘	10° OFFSET	↘	NO OFFSET	
								3.0
								3.7
								4.6
								6.1
								7.6
68	2268	65	2268	70	1474	67	1474	9.1
60	1860	57	1860	63	1315	60	1315	12.2
52	1542	49	1542	56	1179	53	1179	15.2
42	1225	39	1225	48	1043	45	1043	18.3
30	885	27	885	38	907	35	907	21.3

WITH OUTRIGGERS

MAIN BOOM AND 5.5m PINNED EXTENSION FULLY EXTENDED

RAD IN METRES	6.1m FLY JIB				8.5m FLY JIB				RAD IN METRES
	↘	10° OFFSET	↘	NO OFFSET	↘	10° OFFSET	↘	NO OFFSET	
12.2	67	1814	64	1814	69	1315	66	1315	12.2
15.2	60	1542	57	1542	63	1179	60	1179	15.2
18.3	53	1225	50	1225	57	1043	54	1043	18.3
21.3	44	953	41	953	50	907	47	907	21.3

WITHOUT OUTRIGGERS MAIN BOOM ONLY

RAD IN METRES	↘		BOOM LENGTH
3.0	71	6464	12.2m
3.7	67	5262	12.2m
4.6	66	3856	13.7m
6.1	65	2177	16.8m
7.6	64	1293	19.8m
9.1	58	748	12.2m

WITH PINNED EXTENSION IN USE TELESCOPING “IN” DOES NOT INCREASE LOAD CAPACITY. CAPACITIES SHOWN ARE THE MAXIMUM PERMISSIBLE. RATED LIFTING CAPACITIES ARE THE MAXIMUM LOADS COVERED BY THE MANUFACTURERS WARRANTY WITH THE MACHINE STANDING ON FIRM AND LEVEL GROUND.

CAPACITIES DO NOT EXCEED 75% OF TIPPING LOAD. CAPACITIES ABOVE THICK LINE ARE BASED ON FACTORS OTHER THAN STABILITY.

THE WEIGHT OF MAGNETS, SLINGS, EQUALISING BEAMS, HOOKBLOCK ETC. MUST BE ADDED TO THE WEIGHT OF LOAD.

BOOMS ARE MADE FROM HIGH TENSILE MATERIALS. NO HEAT TREATMENT IS PERMISSIBLE. REPAIRS MUST BE CARRIED OUT BY THE MANUFACTURER.

WHEN THE FLY JIB IS FITTED MAIN HOOK CAPACITIES MUST BE REDUCED BY 381 KG. IF A HOOKBLOCK IS FITTED TO THE MAIN BOOM THE FLY CAPACITIES MUST BE REDUCED BY THE WEIGHT OF THAT HOOKBLOCK.

TYRES MUST BE INFLATED TO 100 P.S.I. WHEN OPERATING “FREE ON WHEELS”.

HOIST ROPE: 440 FEET 9/16” DIA 34 X 7 CONST; 26,400 lb G.B.S

HOOKBLOCK CAPACITIES IN KILOGRAMS

Number of Falls	1	2	3	4	5	6	7	8	9	10
Permissible Load	2268	4400	6532	8618	10659	12701	14696	16601	18144	20412
Weight of Hookblock	91	102	279	279	279	279	279	279	279	279