

## Heavy Load Vehicle Classification Specifications

Vehicle Arrangements for Heavy Load Classifications  
 Vehicle described from front, left to rear, right  
 Presumed Tractors have a 150T Pull/Push Capacity

Classification	No. of Trailer Axles	Gross Trailer Weight (T)	Tractors In front	Tractors Behind	No. of Tractor Axles	Tractor Axle Spacing	Tractor Axle Loading	Tractor Gross Weight	No. Tractor Wheels (total)	Tractor Lateral Axle Spacing
A+	12	406.04	2	1	3	4.382m, 1.6m	10,150kg, 2 x 18,275kg	46,700kg	2, 4, 4	Axle 1: 2.286m, Axles 3-4: 0.407m, 2.286m, 0.407m
A	12	325.12	2	1	3	4.382m, 1.6m	10,150kg, 2 x 18,275kg	46,700kg	2, 4, 4	Axle 1: 2.286m, Axles 3-4: 0.407m, 2.286m, 0.407m
B	12	280.42	1	1	3	4.382m, 1.6m	10,150kg, 2 x 18,275kg	46,700kg	2, 4, 4	Axle 1: 2.286m, Axles 3-4: 0.407m, 2.286m, 0.407m
C	12	269.24	1	1	3	4.382m, 1.6m	10,150kg, 2 x 18,275kg	46,700kg	2, 4, 4	Axle 1: 2.286m, Axles 3-4: 0.407m, 2.286m, 0.407m
D	12	264.16	1	1	3	4.382m, 1.6m	10,150kg, 2 x 18,275kg	46,700kg	2, 4, 4	Axle 1: 2.286m, Axles 3-4: 0.407m, 2.286m, 0.407m
E	12	259.08	1	1	3	4.382m, 1.6m	10,150kg, 2 x 18,275kg	46,700kg	2, 4, 4	Axle 1: 2.286m, Axles 3-4: 0.407m, 2.286m, 0.407m
F	12	223.52	1	1	3	4.382m, 1.6m	10,150kg, 2 x 18,275kg	46,700kg	2, 4, 4	Axle 1: 2.286m, Axles 3-4: 0.407m, 2.286m, 0.407m
A+	14	480.6	2	2	3	4.382m, 1.6m	10,150kg, 2 x 18,275kg	46,700kg	2, 4, 4	Axle 1: 2.286m, Axles 3-4: 0.407m, 2.286m, 0.407m
A	14	360.68	2	1	3	4.382m, 1.6m	10,150kg, 2 x 18,275kg	46,700kg	2, 4, 4	Axle 1: 2.286m, Axles 3-4: 0.407m, 2.286m, 0.407m
B	14	315.98	2	1	3	4.382m, 1.6m	10,150kg, 2 x 18,275kg	46,700kg	2, 4, 4	Axle 1: 2.286m, Axles 3-4: 0.407m, 2.286m, 0.407m
C	14	304.8	2	1	3	4.382m, 1.6m	10,150kg, 2 x 18,275kg	46,700kg	2, 4, 4	Axle 1: 2.286m, Axles 3-4: 0.407m, 2.286m, 0.407m
D	14	299.72	1	1	3	4.382m, 1.6m	10,150kg, 2 x 18,275kg	46,700kg	2, 4, 4	Axle 1: 2.286m, Axles 3-4: 0.407m, 2.286m, 0.407m
E	14	294.64	1	1	3	4.382m, 1.6m	10,150kg, 2 x 18,275kg	46,700kg	2, 4, 4	Axle 1: 2.286m, Axles 3-4: 0.407m, 2.286m, 0.407m
F	14	259.08	1	1	3	4.382m, 1.6m	10,150kg, 2 x 18,275kg	46,700kg	2, 4, 4	Axle 1: 2.286m, Axles 3-4: 0.407m, 2.286m, 0.407m

## Heavy Load Vehicle Classification Specifications

Classification	No. of Trailer Axles	Distance from rear axle of Tractor to front axle of Trailer	Distance from front axle of Tractor to rear axle of Trailer	Distance from front axle of Tractor to rear axle of additional Tractor	Trailer Axle Spacing at Minimum Span Spacing	Maximum Span Spacing	Trailer Axle Loading (Unloaded)	Trailer Axle Loading (Loaded)	Weight of Unloaded Vehicle (Tare)	Weight of Load	Trailer Gross Weight	No. Trailer Wheels (total)	Trailer Lateral Axle Spacing
A+	12	5.080m	5.680m	4.800m	5 x 1.486m, 12.930m, 5 x 1.486m	16.713m	12 x 7,705	12 x 33,837kg	92,460kg	313,580kg	406,040kg	12 x 4	1.016m, 0.902m, 1.016m
A	12	5.080m	5.680m	4.800m	5 x 1.486m, 12.930m, 5 x 1.486m	16.713m	12 x 7,705	12 x 27,094kg	92,460kg	232,660kg	325,120kg	12 x 4	1.016m, 0.902m, 1.016m
B	12	5.080m	5.680m	4.800m	5 x 1.486m, 12.930m, 5 x 1.486m	16.713m	12 x 7,705	12 x 23,369kg	92,460kg	187,960kg	280,420kg	12 x 4	1.016m, 0.902m, 1.016m
C	12	5.080m	5.680m	4.800m	5 x 1.486m, 12.930m, 5 x 1.486m	16.713m	12 x 7,705	12 x 22,437kg	92,460kg	176,780kg	269,240kg	12 x 4	1.016m, 0.902m, 1.016m
D	12	5.080m	5.680m	4.800m	5 x 1.486m, 12.930m, 5 x 1.486m	16.713m	12 x 7,705	12 x 22,014kg	92,460kg	171,700kg	264,160kg	12 x 4	1.016m, 0.902m, 1.016m
E	12	5.080m	5.680m	4.800m	5 x 1.486m, 12.930m, 5 x 1.486m	16.713m	12 x 7,705	12 x 21,590kg	92,460kg	166,620kg	259,080kg	12 x 4	1.016m, 0.902m, 1.016m
F	12	5.080m	5.680m	4.800m	5 x 1.486m, 12.930m, 5 x 1.486m	16.713m	12 x 7,705	12 x 18,627kg	92,460kg	131,060kg	223,520kg	12 x 4	1.016m, 0.902m, 1.016m
A+	14	5.080m	5.680m	4.800m	6 x 1.6m, 14.326m, 6 x 1.6m	17.171m	14 x 9,143kg	14 x 34,329kg	128,000kg	352,600kg	480,600kg	14 x 4	1.000m, 1.160m, 1.000m
A	14	5.080m	5.680m	4.800m	6 x 1.6m, 14.326m, 6 x 1.6m	17.171m	14 x 9,143kg	14 x 25,763kg	128,000kg	232,680kg	360,680kg	14 x 4	1.000m, 1.160m, 1.000m
B	14	5.080m	5.680m	4.800m	6 x 1.6m, 14.326m, 6 x 1.6m	17.171m	14 x 9,143kg	14 x 22,570kg	128,000kg	187,980kg	315,980kg	14 x 4	1.000m, 1.160m, 1.000m
C	14	5.080m	5.680m	4.800m	6 x 1.6m, 14.326m, 6 x 1.6m	17.171m	14 x 9,143kg	14 x 21,772kg	128,000kg	176,800kg	304,800kg	14 x 4	1.000m, 1.160m, 1.000m
D	14	5.080m	5.680m	4.800m	6 x 1.6m, 14.326m, 6 x 1.6m	17.171m	14 x 9,143kg	14 x 21,409kg	128,000kg	171,720kg	299,720kg	14 x 4	1.000m, 1.160m, 1.000m
E	14	5.080m	5.680m	4.800m	6 x 1.6m, 14.326m, 6 x 1.6m	17.171m	14 x 9,143kg	14 x 21,046kg	128,000kg	166,640kg	294,640kg	14 x 4	1.000m, 1.160m, 1.000m
F	14	5.080m	5.680m	4.800m	6 x 1.6m, 14.326m, 6 x 1.6m	17.171m	14 x 9,143kg	14 x 18,506kg	128,000kg	131,080kg	259,080kg	14 x 4	1.000m, 1.160m, 1.000m

## Heavy Load Vehicle Classification Specifications 300T 12Axles

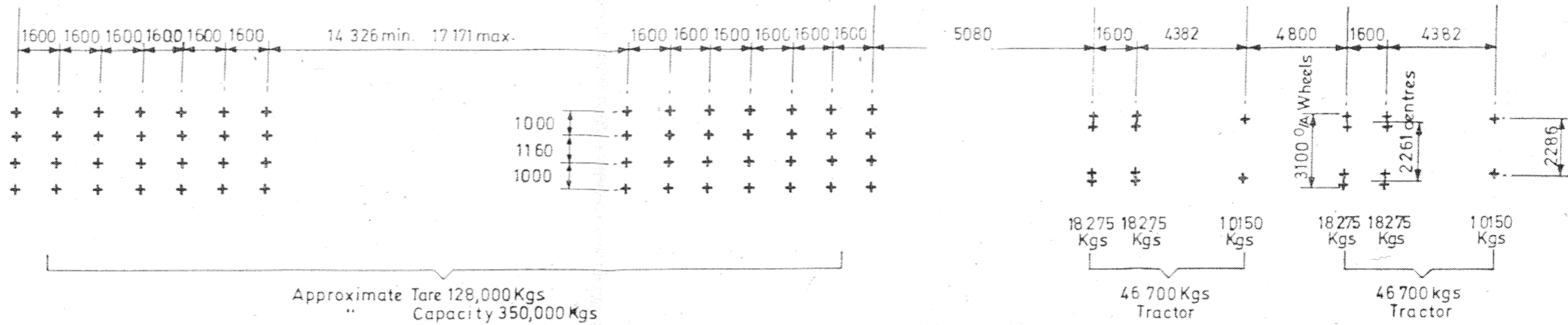
Vehicle Arrangements for Heavy Load Classifications  
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300T for M25	12	300	1	1	3	4.382m, 1.6m	10,150kg, 2 x 18,275kg	46,700kg	2, 4, 4	Axle 1: 2.286m, Axles 3-4: 0.407m, 2.286m, 0.407m

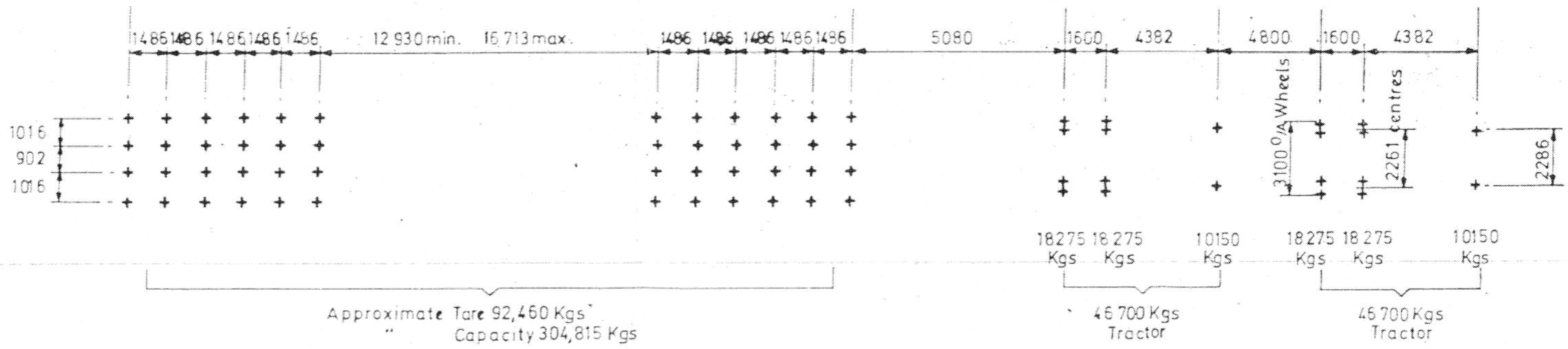
## Heavy Load Vehicle Classification Specifications 300T 12Axles

Classification	No. of Trailer Axles	Distance from rear axle of Tractor to front axle of Trailer	Distance from front axle of Tractor to rear axle of Trailer	Trailer Axle Spacing at Minimum Span Spacing	Maximum Span Spacing	Trailer Axle Loading (Unloaded)	Trailer Axle Loading (Loaded)	Weight of Unloaded Vehicle (Tare)	Weight of Load	Trailer Gross Weight	No. Trailer Wheels (total)	Trailer Lateral Axle Spacing
300T for M25	12	5.080m	5.680m	5 x 1.486m, 12.930m, 5 x 1.486m	16.713m	12 x 7,705kg	12 x 25,000kg	92,460kg	207,540kg	300,000kg	12 x 4	1.016m, 0.902m, 1.016m





TRACTOR PLUS TRAILER No.987/14



TRACTOR PLUS TRAILER No.1277/12

DIV: BRIDGES ENGINEERING BE/AIL/102  
DEPARTMENT OF TRANSPORT  
ST. CHRISTOPHER HOUSE  
SOUTHWARK STREET LONDON S.E.1.

TITLE **DIAGRAMMATIC PLAN OF ABNORMAL LOAD VEHICLES.** © CROWN 19

A	INITIAL ISSUE		
ISSUE	AMENDMENTS	APPD/DATE	
DRN. PFS. DATE 17-10-79	TCD. DATE	CHKD. DATE	SCALE
DRG. NO. BE/AIL/102			SHT. NO.