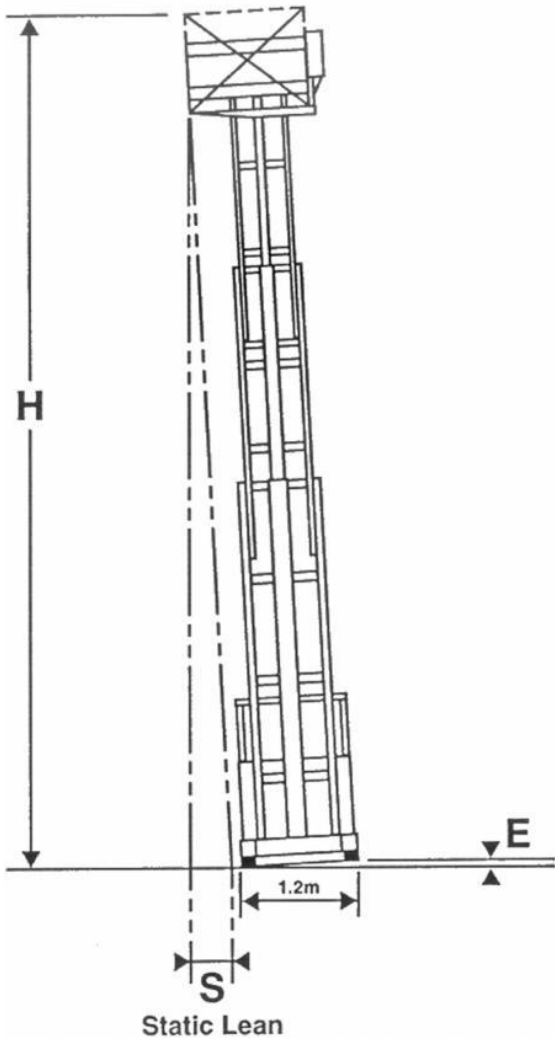




## STATIC LEAN TABLE

The table below shows the static lean 'S' of a fork lift truck assuming the mast is rigid.  
Due to the engineering tolerances in the mast and the dynamic force when the truck is moving this could increase the static lean by up to 3 times the figure shown.  
The centre to centre distance between the load wheels of the fork lift truck is 1.2 metres



		<b>(E) - Difference in elevation between the left and right hand fork lift truck wheels in mm</b>									
		<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
<b>H - Height of racking in metres</b>	<b>6</b>	15	20	25	30	35	40	45	50	55	60
	<b>6.5</b>	16	22	27	33	38	43	49	54	60	65
	<b>7</b>	18	23	29	35	41	47	53	58	64	70
	<b>7.5</b>	19	25	31	38	44	50	56	63	69	75
	<b>8</b>	20	27	33	40	47	53	60	67	73	80
	<b>8.5</b>	21	28	35	43	50	57	64	71	78	85
	<b>9</b>	23	30	38	45	53	60	68	75	83	90
	<b>9.5</b>	24	32	40	48	55	63	71	79	87	95
	<b>10</b>	25	33	42	50	58	67	75	83	92	100
	<b>10.5</b>	26	35	44	53	61	70	79	88	96	105
	<b>11</b>	28	37	46	55	64	73	83	92	101	110
	<b>11.5</b>	29	38	48	58	67	77	86	96	105	115
	<b>12</b>	30	40	50	60	70	80	90	100	110	120
	<b>12.5</b>	31	42	52	63	73	83	94	104	115	125
	<b>13</b>	33	43	54	65	76	87	98	108	119	130
	<b>13.5</b>	34	45	56	67	79	90	101	112	124	135
	<b>14</b>	35	47	58	70	82	93	105	117	128	140
	<b>14.5</b>	36	48	60	72	85	97	109	121	133	145
<b>15</b>	37	50	63	75	87	100	113	125	137	150	
<b>15.5</b>	39	52	65	77	90	103	116	129	142	155	
<b>16</b>	40	53	67	80	93	107	120	133	147	160	
<b>16.5</b>	41	55	69	82	96	110	124	137	151	165	
<b>17</b>	42	57	71	85	99	113	128	142	156	170	
<b>17.5</b>	44	58	73	88	102	117	131	146	160	175	
<b>18</b>	45	60	75	90	105	120	135	150	165	180	

