

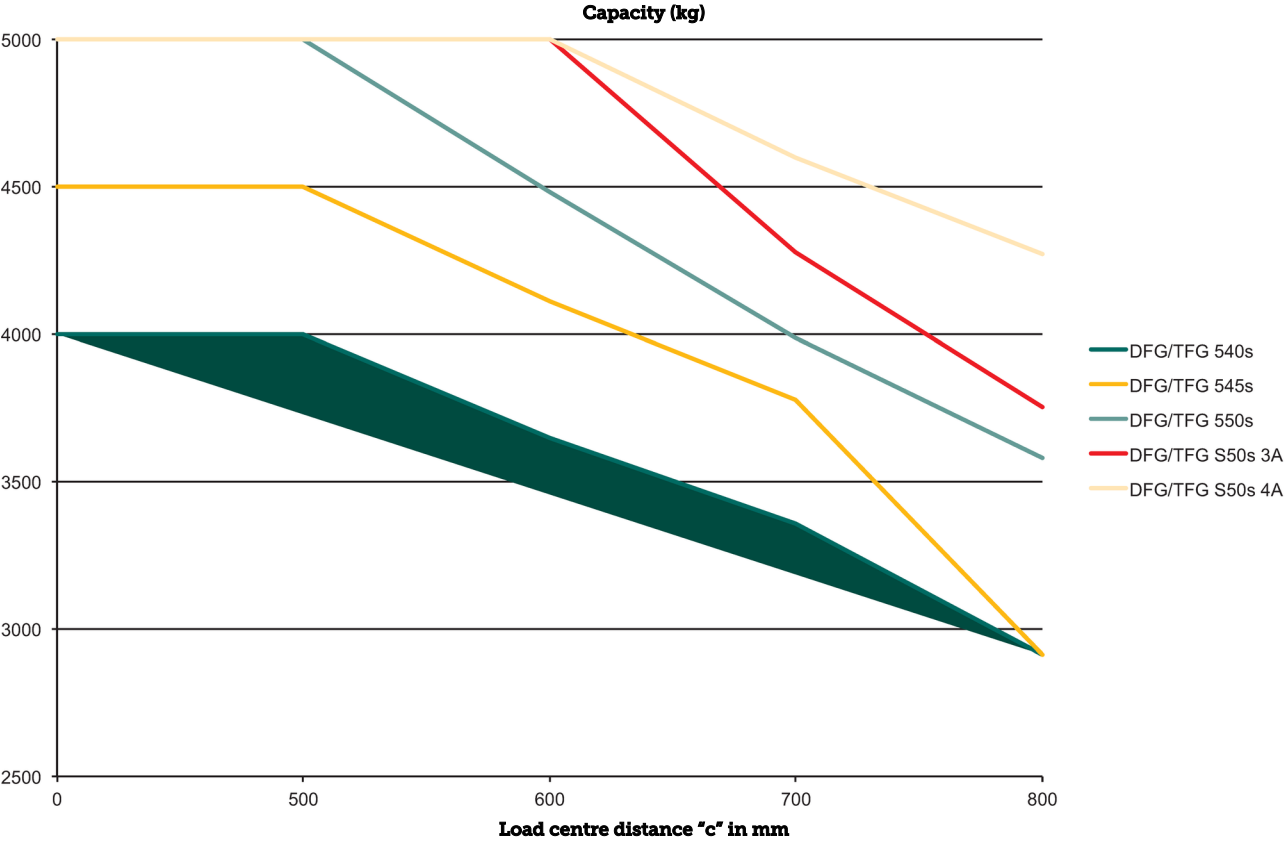


## **Diesel forklift truck** **DFG 540s-S50s**

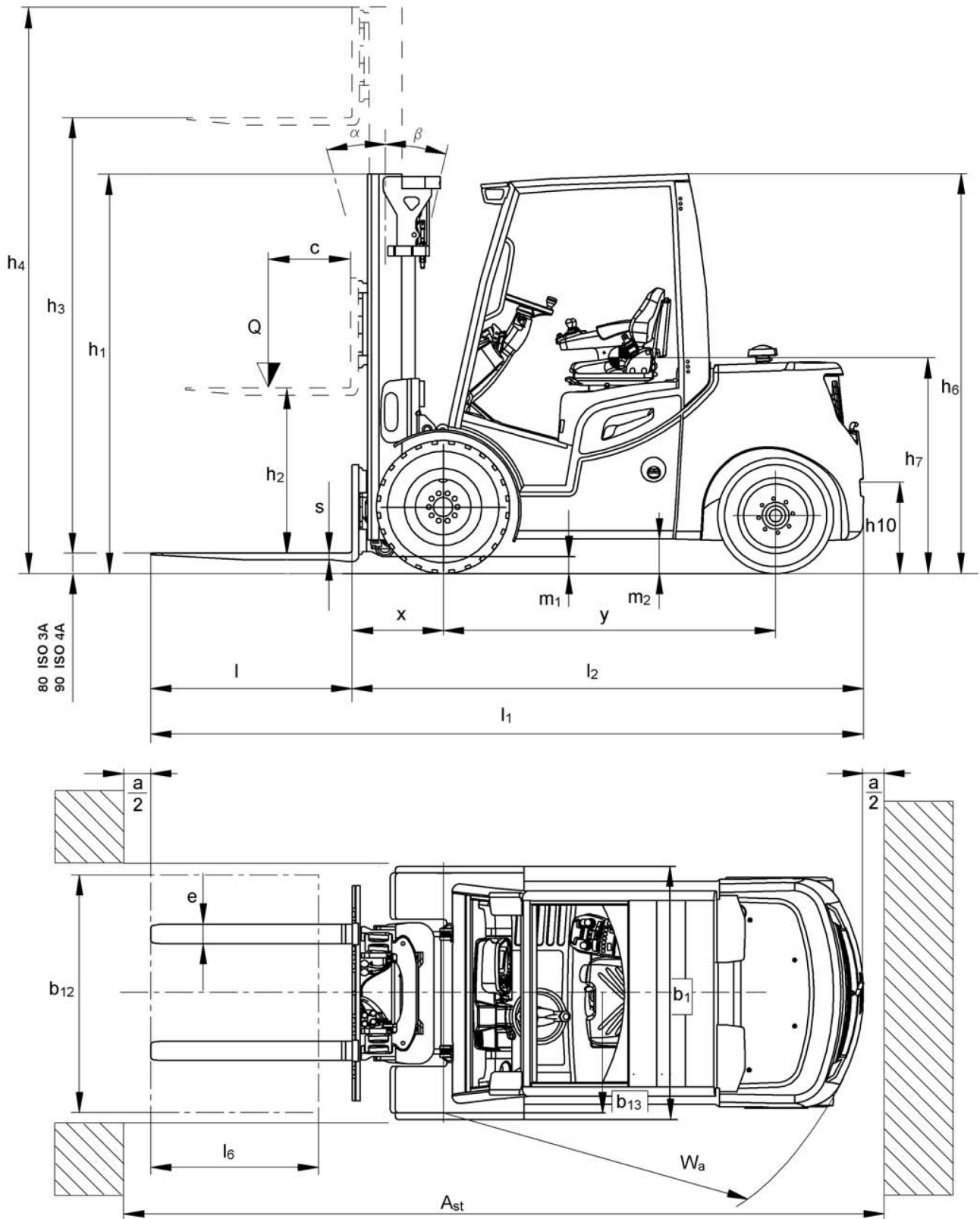
**Lift height: 2480-7500 mm / Capacity: 4000-5000 kg**

** JUNGHEINRICH**

# DFG 540s-S50s



# DFG 540s-S50s



# DFG 540s-S50s

DFG 540s	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)	Tilt of mast forwards/backwards	Tilt of fork carriage forwards/backwards
Duplex mast ZT / Including 3 A fork carriage with 4 rollers (standard)	2750 mm	2165 mm	150 mm	3465 mm	6° / 8°	
	2900 mm	2240 mm	150 mm	3615 mm	6° / 8°	
	3100 mm	2348 mm	150 mm	3823 mm	6° / 8°	
	3300 mm	2440 mm	150 mm	4015 mm	6° / 8°	
	3500 mm	2548 mm	150 mm	4223 mm	6° / 8°	
	3700 mm	2640 mm	150 mm	4415 mm	6° / 8°	
	4000 mm	2795 mm	150 mm	4720 mm	6° / 8°	
	4300 mm	2940 mm	150 mm	5015 mm	6° / 8°	
	4500 mm	3040 mm	150 mm	5215 mm	6° / 8°	
	5000 mm	3290 mm	150 mm	5715 mm	6° / 6°	
	5500 mm	3540 mm	150 mm	6215 mm	6° / 6°	
	6000 mm	3790 mm	150 mm	6715 mm	6° / 6°	
6500 mm	4040 mm	150 mm	7215 mm	6° / 6°		
Duplex mast ZT / Suitable for 3 A fork carriage with 6 rollers (option) / suitable for integrated sideshift with 6 rollers (option)	2750 mm	2165 mm	150 mm	3608 mm	6° / 8°	
	2900 mm	2240 mm	150 mm	3758 mm	6° / 8°	
	3100 mm	2348 mm	150 mm	3958 mm	6° / 8°	
	3300 mm	2440 mm	150 mm	4158 mm	6° / 8°	
	3500 mm	2548 mm	150 mm	4358 mm	6° / 8°	
	3700 mm	2640 mm	150 mm	4558 mm	6° / 8°	
	4000 mm	2795 mm	150 mm	4858 mm	6° / 8°	
	4300 mm	2940 mm	150 mm	5158 mm	6° / 8°	
	4500 mm	3040 mm	150 mm	5358 mm	6° / 8°	
	5000 mm	3290 mm	150 mm	5858 mm	6° / 6°	
	5500 mm	3540 mm	150 mm	6358 mm	6° / 6°	
	6000 mm	3790 mm	150 mm	6858 mm	6° / 6°	
6500 mm	4040 mm	150 mm	7358 mm	6° / 6°		
Duplex mast ZZ / Including 3 A fork carriage with 4 rollers (standard)	2775 mm	2140 mm	1382 mm	3533 mm	6° / 8°	
	3142 mm	2323 mm	1565 mm	3900 mm	6° / 8°	
	3342 mm	2423 mm	1665 mm	4100 mm	6° / 8°	
	3542 mm	2523 mm	1765 mm	4300 mm	6° / 8°	
	3675 mm	2590 mm	1832 mm	4433 mm	6° / 8°	
	4035 mm	2770 mm	2012 mm	4793 mm	6° / 8°	
	4395 mm	2950 mm	2192 mm	5153 mm	6° / 8°	
	5095 mm	3300 mm	2542 mm	5853 mm	6° / 6°	
	5524 mm	3515 mm	2757 mm	6282 mm	6° / 6°	
Duplex mast ZZ / Suitable for 3 A fork carriage with 6 rollers (option) / suitable for integrated sideshift with 6 rollers (option)	2775 mm	2140 mm	1232 mm	3683 mm	6° / 8°	
	3142 mm	2323 mm	1415 mm	4050 mm	6° / 8°	
	3342 mm	2423 mm	1515 mm	4250 mm	6° / 8°	
	3542 mm	2523 mm	1615 mm	4450 mm	6° / 8°	
	3675 mm	2590 mm	1682 mm	4583 mm	6° / 8°	
	4035 mm	2770 mm	1862 mm	4943 mm	6° / 8°	
	4395 mm	2950 mm	2042 mm	5303 mm	6° / 8°	
	5095 mm	3300 mm	2392 mm	6003 mm	6° / 6°	
	5524 mm	3515 mm	2607 mm	6432 mm	6° / 6°	
Triplex mast DZ / Including 3 A fork carriage with 4 rollers (standard)	4150 mm	2140 mm	1382 mm	4908 mm	6° / 8°	
	4400 mm	2223 mm	1465 mm	5158 mm	6° / 8°	

	4700 mm	2323 mm	1565 mm	5458 mm	6 ° / 8 °	
	5000 mm	2423 mm	1665 mm	5758 mm	6 ° / 6 °	
	5500 mm	2590 mm	1832 mm	6258 mm	6 ° / 6 °	
	6000 mm	2770 mm	2012 mm	6758 mm	6 ° / 6 °	
	6500 mm	2950 mm	2170 mm	7280 mm	6 ° / 6 °	
	7000 mm	3120 mm	2350 mm	7770 mm	6 ° / 6 °	
	7500 mm	3300 mm	2490 mm	8310 mm	6 ° / 6 °	
Triplex mast DZ / Suitable for 3 A fork carriage with 6 rollers (option) / suitable for integrated sideshift with 6 rollers (option)	<b>4150 mm</b>	<b>2140 mm</b>	<b>1232 mm</b>	<b>5058 mm</b>	<b>6 ° / 8 °</b>	
	4400 mm	2223 mm	1315 mm	5308 mm	6 ° / 8 °	
	4700 mm	2323 mm	1415 mm	5608 mm	6 ° / 8 °	
	5000 mm	2423 mm	1515 mm	5908 mm	6 ° / 6 °	
	5500 mm	2590 mm	1682 mm	6408 mm	6 ° / 6 °	
	6000 mm	2770 mm	1862 mm	6908 mm	6 ° / 6 °	
	6500 mm	2950 mm	2042 mm	7408 mm	6 ° / 6 °	
	7000 mm	3120 mm	2212 mm	7908 mm	6 ° / 6 °	
7500 mm	3300 mm	2392 mm	8408 mm	6 ° / 6 °		
<b>DFG 545s</b>	<b>Lift (h3)</b>	<b>Retracted mast height (h1)</b>	<b>Free lift (h2)</b>	<b>Extended mast height (h4)</b>	<b>Tilt of mast forwards/backwards</b>	<b>Tilt of fork carriage forwards/backwards</b>
Duplex mast ZT / Including 3 A fork carriage with 4 rollers (standard)	<b>2750 mm</b>	<b>2165 mm</b>	<b>150 mm</b>	<b>3465 mm</b>	<b>6 ° / 8 °</b>	
	2900 mm	2240 mm	150 mm	3615 mm	6 ° / 8 °	
	3100 mm	2348 mm	150 mm	3823 mm	6 ° / 8 °	
	3300 mm	2440 mm	150 mm	4015 mm	6 ° / 8 °	
	3500 mm	2548 mm	150 mm	4223 mm	6 ° / 8 °	
	3700 mm	2640 mm	150 mm	4415 mm	6 ° / 8 °	
	4000 mm	2795 mm	150 mm	4720 mm	6 ° / 8 °	
	4300 mm	2940 mm	150 mm	5015 mm	6 ° / 8 °	
	4500 mm	3040 mm	150 mm	5215 mm	6 ° / 8 °	
	5000 mm	3290 mm	150 mm	5715 mm	6 ° / 6 °	
	5500 mm	3540 mm	150 mm	6215 mm	6 ° / 6 °	
	6000 mm	3790 mm	150 mm	6715 mm	6 ° / 6 °	
6500 mm	4040 mm	150 mm	7215 mm	6 ° / 6 °		
Duplex mast ZT / Suitable for 3 A fork carriage with 6 rollers (option) / suitable for integrated sideshift with 6 rollers (option)	<b>2750 mm</b>	<b>2165 mm</b>	<b>150 mm</b>	<b>3608 mm</b>	<b>6 ° / 8 °</b>	
	2900 mm	2240 mm	150 mm	3758 mm	6 ° / 8 °	
	3100 mm	2348 mm	150 mm	3958 mm	6 ° / 8 °	
	3300 mm	2440 mm	150 mm	4158 mm	6 ° / 8 °	
	3500 mm	2548 mm	150 mm	4358 mm	6 ° / 8 °	
	3700 mm	2640 mm	150 mm	4558 mm	6 ° / 8 °	
	4000 mm	2795 mm	150 mm	4858 mm	6 ° / 8 °	
	4300 mm	2940 mm	150 mm	5158 mm	6 ° / 8 °	
	4500 mm	3040 mm	150 mm	5358 mm	6 ° / 8 °	
	5000 mm	3290 mm	150 mm	5858 mm	6 ° / 6 °	
	5500 mm	3540 mm	150 mm	6358 mm	6 ° / 6 °	
	6000 mm	3790 mm	150 mm	6858 mm	6 ° / 6 °	
6500 mm	4040 mm	150 mm	7358 mm	6 ° / 6 °		
Duplex mast ZZ / Including 3 A fork carriage with 4 rollers (standard)	<b>2775 mm</b>	<b>2140 mm</b>	<b>1382 mm</b>	<b>3533 mm</b>	<b>6 ° / 8 °</b>	
	3142 mm	2323 mm	1565 mm	3900 mm	6 ° / 8 °	
	3342 mm	2423 mm	1665 mm	4100 mm	6 ° / 8 °	
	3542 mm	2523 mm	1765 mm	4300 mm	6 ° / 8 °	
	3675 mm	2590 mm	1832 mm	4433 mm	6 ° / 8 °	
	4035 mm	2770 mm	2012 mm	4793 mm	6 ° / 8 °	
	4395 mm	2950 mm	2192 mm	5153 mm	6 ° / 8 °	
	5095 mm	3300 mm	2542 mm	5853 mm	6 ° / 6 °	

	5524 mm	3515 mm	2757 mm	6282 mm	6 ° / 6 °
Duplex mast ZZ / Suitable for 3 A fork carriage with 6 rollers (option) / suitable for integrated sideshift with 6 rollers (option)	<b>2775 mm</b>	<b>2140 mm</b>	<b>1232 mm</b>	<b>3683 mm</b>	<b>6 ° / 8 °</b>
	3142 mm	2323 mm	1415 mm	4050 mm	6 ° / 8 °
	3342 mm	2423 mm	1515 mm	4250 mm	6 ° / 8 °
	3542 mm	2523 mm	1615 mm	4450 mm	6 ° / 8 °
	3675 mm	2590 mm	1682 mm	4583 mm	6 ° / 8 °
	4035 mm	2770 mm	1862 mm	4943 mm	6 ° / 8 °
	4395 mm	2950 mm	2042 mm	5303 mm	6 ° / 8 °
	5095 mm	3300 mm	2392 mm	6003 mm	6 ° / 6 °
	5524 mm	3515 mm	2607 mm	6432 mm	6 ° / 6 °
Triplex mast DZ / Including 3 A fork carriage with 4 rollers (standard)	<b>4150 mm</b>	<b>2140 mm</b>	<b>1382 mm</b>	<b>4908 mm</b>	<b>6 ° / 8 °</b>
	4400 mm	2223 mm	1465 mm	5158 mm	6 ° / 8 °
	4700 mm	2323 mm	1565 mm	5458 mm	6 ° / 8 °
	5000 mm	2423 mm	1665 mm	5758 mm	6 ° / 6 °
	5500 mm	2590 mm	1832 mm	6258 mm	6 ° / 6 °
	6000 mm	2770 mm	2012 mm	6758 mm	6 ° / 6 °
	6500 mm	2950 mm	2170 mm	7280 mm	6 ° / 6 °
	7000 mm	3120 mm	2350 mm	7770 mm	6 ° / 6 °
Triplex mast DZ / Suitable for 3 A fork carriage with 6 rollers (option) / suitable for integrated sideshift with 6 rollers (option)	<b>4150 mm</b>	<b>2140 mm</b>	<b>1232 mm</b>	<b>5058 mm</b>	<b>6 ° / 8 °</b>
	4400 mm	2223 mm	1315 mm	5308 mm	6 ° / 8 °
	4700 mm	2323 mm	1415 mm	5608 mm	6 ° / 8 °
	5000 mm	2423 mm	1515 mm	5908 mm	6 ° / 6 °
	5500 mm	2590 mm	1682 mm	6408 mm	6 ° / 6 °
	6000 mm	2770 mm	1862 mm	6908 mm	6 ° / 6 °
	6500 mm	2950 mm	2042 mm	7408 mm	6 ° / 6 °
	7000 mm	3120 mm	2212 mm	7908 mm	6 ° / 6 °
7500 mm	3300 mm	2392 mm	8408 mm	6 ° / 6 °	
<b>DFG 550s</b>	<b>Lift (h3)</b>	<b>Retracted mast height (h1)</b>	<b>Free lift (h2)</b>	<b>Extended mast height (h4)</b>	<b>Tilt of mast forwards/backwards</b>
Duplex mast ZT / Including 3 A fork carriage with 6 rollers (standard) / suitable for integrated sideshift 3 A with 6 rollers (option)	<b>2750 mm</b>	<b>2165 mm</b>	<b>150 mm</b>	<b>3608 mm</b>	<b>6 ° / 8 °</b>
	2900 mm	2240 mm	150 mm	3758 mm	6 ° / 8 °
	3100 mm	2348 mm	150 mm	3958 mm	6 ° / 8 °
	3300 mm	2440 mm	150 mm	4158 mm	6 ° / 8 °
	3500 mm	2548 mm	150 mm	4358 mm	6 ° / 8 °
	3700 mm	2640 mm	150 mm	4558 mm	6 ° / 8 °
	4000 mm	2795 mm	150 mm	4858 mm	6 ° / 8 °
	4300 mm	2940 mm	150 mm	5158 mm	6 ° / 8 °
	4500 mm	3040 mm	150 mm	5358 mm	6 ° / 8 °
	5000 mm	3290 mm	150 mm	5858 mm	6 ° / 6 °
	5500 mm	3540 mm	150 mm	6358 mm	6 ° / 6 °
	6000 mm	3790 mm	150 mm	6858 mm	6 ° / 6 °
6500 mm	4040 mm	150 mm	7358 mm	6 ° / 6 °	
Duplex mast ZZ / Including 3 A fork carriage with 6 rollers (standard) / suitable for integrated sideshift 3 A with 6 rollers (option)	<b>2775 mm</b>	<b>2140 mm</b>	<b>1232 mm</b>	<b>3683 mm</b>	<b>6 ° / 8 °</b>
	3142 mm	2323 mm	1415 mm	4050 mm	6 ° / 8 °
	3342 mm	2423 mm	1515 mm	4250 mm	6 ° / 8 °
	3542 mm	2523 mm	1615 mm	4450 mm	6 ° / 8 °
	3675 mm	2590 mm	1682 mm	4583 mm	6 ° / 8 °
	4035 mm	2770 mm	1862 mm	4943 mm	6 ° / 8 °
	4395 mm	2950 mm	2042 mm	5303 mm	6 ° / 8 °
	5095 mm	3300 mm	2392 mm	6003 mm	6 ° / 6 °

	5524 mm	3515 mm	2607 mm	6432 mm	6 ° / 6 °	
Triplex mast DZ / Including 3 A fork carriage with 6 rollers (standard) / suitable for integrated sideshift 3 A with 6 rollers (option)	<b>4150 mm</b>	<b>2140 mm</b>	<b>1232 mm</b>	<b>5058 mm</b>	<b>6 ° / 8 °</b>	
	4400 mm	2223 mm	1315 mm	5308 mm	6 ° / 8 °	
	4700 mm	2323 mm	1415 mm	5608 mm	6 ° / 8 °	
	5000 mm	2423 mm	1515 mm	5908 mm	6 ° / 6 °	
	5500 mm	2590 mm	1682 mm	6408 mm	6 ° / 6 °	
	6000 mm	2770 mm	1862 mm	6908 mm	6 ° / 6 °	
	6500 mm	2950 mm	2042 mm	7408 mm	6 ° / 6 °	
	7000 mm	3120 mm	2212 mm	7908 mm	6 ° / 6 °	
	7500 mm	3300 mm	2392 mm	8408 mm	6 ° / 6 °	
<b>DFG S50s</b>	<b>Lift (h3)</b>	<b>Retracted mast height (h1)</b>	<b>Free lift (h2)</b>	<b>Extended mast height (h4)</b>	<b>Tilt of mast forwards/backwards</b>	<b>Tilt of fork carriage forwards/backwards</b>
Duplex mast ZT / Including 4 A fork carriage with 6 rollers (standard)	<b>2480 mm</b>	<b>2165 mm</b>	<b>150 mm</b>	<b>3453 mm</b>	<b>6 ° / 8 °</b>	
	2846 mm	2348 mm	150 mm	3819 mm	6 ° / 8 °	
	3030 mm	2440 mm	150 mm	4003 mm	6 ° / 8 °	
	3246 mm	2548 mm	150 mm	4219 mm	6 ° / 8 °	
	3430 mm	2640 mm	150 mm	4403 mm	6 ° / 8 °	
	3740 mm	2795 mm	150 mm	4713 mm	6 ° / 8 °	
	4030 mm	2940 mm	150 mm	5003 mm	6 ° / 8 °	
	4230 mm	3040 mm	150 mm	5203 mm	6 ° / 8 °	
	4730 mm	3290 mm	150 mm	5703 mm	6 ° / 8 °	
	5230 mm	3540 mm	150 mm	6203 mm	6 ° / 6 °	
	5730 mm	3790 mm	150 mm	6703 mm	6 ° / 6 °	
	6230 mm	4040 mm	150 mm	7203 mm	6 ° / 6 °	
Duplex mast ZT / Suitable for 3 A fork carriage with 6 rollers (option) / suitable for integrated sideshift 4 A with 6 rollers (option)	<b>2750 mm</b>	<b>2165 mm</b>	<b>150 mm</b>	<b>3608 mm</b>	<b>6 ° / 8 °</b>	
	2900 mm	2240 mm	150 mm	3758 mm	6 ° / 8 °	
	3100 mm	2348 mm	150 mm	3958 mm	6 ° / 8 °	
	3300 mm	2440 mm	150 mm	4158 mm	6 ° / 8 °	
	3500 mm	2548 mm	150 mm	4358 mm	6 ° / 8 °	
	3700 mm	2640 mm	150 mm	4558 mm	6 ° / 8 °	
	4000 mm	2795 mm	150 mm	4858 mm	6 ° / 8 °	
	4300 mm	2940 mm	150 mm	5158 mm	6 ° / 8 °	
	4500 mm	3040 mm	150 mm	5358 mm	6 ° / 8 °	
	5000 mm	3290 mm	150 mm	5858 mm	6 ° / 6 °	
	5500 mm	3540 mm	150 mm	6358 mm	6 ° / 6 °	
	6000 mm	3790 mm	150 mm	6858 mm	6 ° / 6 °	
	6500 mm	4040 mm	150 mm	7358 mm	6 ° / 6 °	
Duplex mast ZZ / Including 4 A fork carriage with 6 rollers (standard)	<b>2570 mm</b>	<b>2140 mm</b>	<b>1117 mm</b>	<b>3593 mm</b>	<b>6 ° / 8 °</b>	
	2932 mm	2323 mm	1300 mm	3955 mm	6 ° / 8 °	
	3132 mm	2423 mm	1400 mm	4155 mm	6 ° / 8 °	
	3332 mm	2523 mm	1500 mm	4355 mm	6 ° / 8 °	
	3465 mm	2590 mm	1567 mm	4488 mm	6 ° / 8 °	
	3825 mm	2770 mm	1747 mm	4848 mm	6 ° / 8 °	
	4185 mm	2950 mm	1927 mm	5208 mm	6 ° / 8 °	
	4885 mm	3300 mm	2277 mm	5908 mm	6 ° / 6 °	
	5314 mm	3515 mm	2492 mm	6337 mm	6 ° / 6 °	
Duplex mast ZZ / Suitable for 3 A fork carriage with 6 rollers (option) / suitable for integrated sideshift 4 A with 6 rollers (option)	<b>2725 mm</b>	<b>2140 mm</b>	<b>1232 mm</b>	<b>3633 mm</b>	<b>6 ° / 8 °</b>	
	3092 mm	2323 mm	1415 mm	4000 mm	6 ° / 8 °	
	3292 mm	2423 mm	1515 mm	4200 mm	6 ° / 8 °	
	3492 mm	2523 mm	1615 mm	4400 mm	6 ° / 8 °	
	3625 mm	2590 mm	1682 mm	4533 mm	6 ° / 8 °	

	3985 mm	2770 mm	1862 mm	4893 mm	6 ° / 8 °
	4345 mm	2950 mm	2042 mm	5253 mm	6 ° / 8 °
	5045 mm	3300 mm	2392 mm	5953 mm	6 ° / 6 °
	5474 mm	3515 mm	2607 mm	6382 mm	6 ° / 6 °
<b>Triplex mast DZ / Including 4 A fork carriage with 6 rollers (standard)</b>	<b>3875 mm</b>	<b>2140 mm</b>	<b>1117 mm</b>	<b>4898 mm</b>	<b>6 ° / 8 °</b>
	4120 mm	2223 mm	1200 mm	5143 mm	6 ° / 8 °
	4420 mm	2323 mm	1300 mm	5443 mm	6 ° / 8 °
	4720 mm	2423 mm	1400 mm	5743 mm	6 ° / 6 °
	5220 mm	2590 mm	1567 mm	6243 mm	6 ° / 6 °
	5750 mm	2770 mm	1747 mm	6773 mm	6 ° / 6 °
	6280 mm	2950 mm	1927 mm	7303 mm	6 ° / 6 °
	6780 mm	3120 mm	2097 mm	7803 mm	6 ° / 6 °
	7320 mm	3300 mm	2277 mm	8343 mm	6 ° / 6 °
<b>Triplex mast DZ / Suitable for 3 A fork carriage with 6 rollers (option) / suitable for integrated sideshift 4 A with 6 rollers (option)</b>	<b>4050 mm</b>	<b>2140 mm</b>	<b>1232 mm</b>	<b>4958 mm</b>	<b>6 ° / 8 °</b>
	4300 mm	2223 mm	1315 mm	5208 mm	6 ° / 8 °
	4600 mm	2323 mm	1415 mm	5508 mm	6 ° / 6 °
	4900 mm	2423 mm	1515 mm	5808 mm	6 ° / 6 °
	5400 mm	2590 mm	1682 mm	6308 mm	6 ° / 6 °
	5930 mm	2770 mm	1862 mm	6838 mm	6 ° / 6 °
	6460 mm	2950 mm	2042 mm	7368 mm	6 ° / 6 °
	6960 mm	3120 mm	2212 mm	7868 mm	6 ° / 6 °
	7500 mm	3300 mm	2392 mm	8408 mm	6 ° / 6 °



# VDI table

Stand-on: 10/2019

Characteristic	1.1	Manufacturer (abbreviated description)	Jungheinrich				
	1.2	Manufacturer's type designation	DFG 540s	DFG 545s	DFG 550s	DFG S50s	
	1.3	Drive	Diesel				
	1.4	Operation	Seat				
	1.5	Capacity/load	Q kg	4.000	4.500	4.990	5.000
	1.6	Load centre distance	c mm	500			600
	1.8	Load distance, centre of drive axle to fork	x mm	564			579
	1.9	Wheelbase	y mm	1.970			2.000
Weights	2.1	Service weight	kg	6.150	6.450	6.700	7.300
	2.2	Axle load laden front/rear	kg	8.900 / 1.250	9.600 / 1.350	10.300 / 1.400	10.750 / 1.550
	2.3	Axle load unladen front/rear	kg	2.850 / 3.300	2.800 / 3.650	2.750 / 3.950	2.950 / 4.350
Wheels/suspension system	3.1	Tyres	SE				
	3.2	Tyre size, front	8.25-15	300-15			
	3.3	Tyre size, rear	28x9-15				
	3.5	Wheels, number front/back (x=driven)	2x/2				
	3.6	Tread width, front	b <sub>10</sub> mm	1.195	1.160		
	3.7	Tread width, rear	b <sub>11</sub> mm	1.150			
	Basic dimensions	4.1	Tilt of mast forwards/backwards	a/β °	6 / 8		
4.2		Retracted mast height (h1)	h <sub>1</sub> mm	2.548			2.640
4.3		Free lift (h2)	h <sub>2</sub> mm	150			
4.4		Lift (h3)	h <sub>3</sub> mm	3.500			3.430
4.5		Extended mast height (h4)	h <sub>4</sub> mm	4.223	4.358		4.403
4.7		Height of overhead guard (cab)	h <sub>6</sub> mm	2.405			
4.8		Seat height/stand height	h <sub>7</sub> mm	1.230			
4.12		Coupling height	h <sub>10</sub> mm	510			
4.19		Overall length	l <sub>1</sub> mm	4.145	4.220	4.240	4.310
4.20		Length including fork shank	l <sub>2</sub> mm	2.995	3.070	3.090	3.160
4.21		Overall width	b <sub>1</sub> / b <sub>2</sub> mm	1.450			
4.22		Fork dimensions	s/e/ l mm	50 / 125 / 1.150	50 / 150 / 1.150		60 / 150 / 1.150
4.23		Fork carriage connection class		3A			4A
4.24		Fork carriage width	b <sub>3</sub> mm	1.260			
4.31		Ground clearance laden under mast	m <sub>1</sub> mm	190			
4.32		Ground clearance centre of wheelbase	m <sub>2</sub> mm	200			
4.34		Aisle width (pallet 1000x1200 sideways)	Ast mm	4.405	4.465	4.475	4.530
4.34.1		Aisle width (pallet 800x1200 length)	Ast mm	4.605	4.665	4.675	4.730
4.35		Turning radius	W <sub>a</sub> mm	2.640	2.700	2.710	2.750
4.36	Smallest pivot point distance	b <sub>13</sub> mm	730				
Performance data	5.1	Travel speed laden/unladen	km/h	21 / 21			
	5.2	Lift speed laden/unladen	m/s	0.53 / 0.56	0.51 / 0.55	0.49 / 0.53	
	5.3	Lowering speed laden/unladen	m/s	0.57 / 0.54			
	5.5	Drawbar pull laden/unladen	N	23.000 /	22.000 /		
	5.7	Gradeability laden/unladen	%	25 / 27	23 / 26	22 / 26	21 / 25
	5.9	Acceleration time laden/unladen	s	5.7 / 5	6 / 5.2		6.2 / 5.5
	5.10	Service brake		hydrostatic			
	5.11	Parking brake		Automatically engaging parking brake			

V-engine	7.1	Motor manufacturer/type		VW / CPYA			
	7.2	Motor power as per DIN ISO 1585	kW	55			
	7.3	Rated speed	1/ min	2.700			
	7.4	Cylinder number/cubic capacity	st / cm <sup>3</sup>	4 / 1.968			
	7.5.1	Fuel consumption as per EN 16796 (diesel)	l/h	4.2	4.4	4.6	4.8
	7.5.2	CO2 equivalent as per EN 16796 (diesel)	kg/h	13,34	13,98	14,62	15,25
Miscellaneous	8.1	Type of drive control		hydrostatic			
	10.1	Working pressure for attachment	bar	170			
	10.2	Oil flow for attachments	l/ min	50			
	10.7	Sound level as per EN12053, operator's ear	dB (A)	77			

- In accordance with VDI Guideline 2198 this data sheet provides details of the standard truck only. Non-standard tyres, different masts, optional equipment, etc. may result in different values.

The German production facilities in  
Norderstedt, Moosburg and Landsberg  
are certified.

ISO 9001  
ISO 14001

Jungheinrich fork lift trucks meet  
European safety requirements.



 **JUNGHEINRICH**

The Jungheinrich logo, featuring a red upward-pointing arrow integrated into the letter 'J', followed by the brand name 'JUNGHEINRICH' in a bold, black, sans-serif font.