



MAST CHARTS

FD/FG40NT-55NT

FD/FG50CNT

FD/FG40N(M)1-55N(M)1

FD/FG50CN(M)1



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1 Introduction

This document includes the mast charts for the FD/FG15NT(S)-35NT(S), FD/FG20CNT(S) and FD/FG15N(M)1-35N(M)1, FD/FG20CN(M)1 truck series.

To interpret the mast charts, see the legend below:

- h1 – Overall lowered mast height
- h2 – Standard free lift
- h3 – Standard lifting height
- h4 – Overall raised height including load backrest
- h5 – Full free lift including load backrest

2 FD/FG40NT/40N(M)1

2.1 Standard forks

	h3 [mm]	h1 [mm]	h4 [mm]	h2/h5 [mm]	Tilt angle F/B [°]		Single drive				Dual drive			
					NT	N(M)1	Pneumatic		Solid		Pneumatic		Solid	
							500	600	500	600	500	600	500	600
					[kg]									
Simplex mast (2SP)	3,000	2,170	4,130	150	6-12	6-10	4,000	3,500	4,000	3,500	4,000	3,500	4,000	3,500
	3,300	2,320	4,430	150	6-12	6-10	4,000	3,500	4,000	3,500	4,000	3,500	4,000	3,500
	3,700	2,520	4,830	150	6-12	6-10	4,000	3,500	4,000	3,500	4,000	3,500	4,000	3,500
	4,000	2,700	5,130	150	6-12	6-10	4,000	3,500	4,000	3,500	4,000	3,500	4,000	3,500
	4,500	3,000	5,630	150	6-6	6-6	4,000	3,500	4,000	3,500	4,000	3,500	4,000	3,500
	5,000	3,250	6,130	150	6-6	6-6	3,850	3,500	4,000	3,500	3,850	3,500	4,000	3,500
	5,500	3,500	6,630	150	6-6	6-6	3,050	3,050	3,700	3,500	3,650	3,400	3,750	3,500
	6,000	3,750	7,130	150	6-6	6-6	2,400	2,400	3,600	3,400	3,500	3,300	3,600	3,400
Duplex mast (2FP)	3,000	2,170	4,130	1,090	6-12	6-10	4,000	3,500	4,000	3,500	4,000	3,500	4,000	3,500
	3,300	2,320	4,430	1,240	6-12	6-10	4,000	3,500	4,000	3,500	4,000	3,500	4,000	3,500
	3,700	2,520	4,830	1,440	6-12	6-10	4,000	3,500	4,000	3,500	4,000	3,500	4,000	3,500
	4,060	2,700	5,190	1,620	6-12	6-10	4,000	3,500	4,000	3,500	4,000	3,500	4,000	3,500
Triplex mast (3FP)	3,700	1,950	4,830	870	6-6	6-6	4,000	3,500	4,000	3,500	4,000	3,500	4,000	3,500
	4,000	2,050	5,130	970	6-6	6-6	4,000	3,500	4,000	3,500	4,000	3,500	4,000	3,500
	4,360	2,170	5,490	1,090	6-6	6-6	4,000	3,500	4,000	3,500	4,000	3,500	4,000	3,500
	4,700	2,290	5,830	1,200	6-6	6-6	3,900	3,500	4,000	3,500	3,900	3,500	4,000	3,500
	5,050	2,400	6,180	1,320	6-6	6-6	3,800	3,500	3,900	3,500	3,850	3,500	3,900	3,500
	5,500	2,550	6,630	1,470	6-6	6-6	3,050	3,050	3,700	3,450	3,600	3,400	3,700	3,450
	6,000	2,750	7,130	1,670	6-6	6-6	2,400	2,400	3,550	3,300	3,450	3,250	3,550	3,350
	6,500	2,950	7,630	1,870	6-6	6-6	1,900	1,900	3,350	3,200	3,000	3,000	3,400	3,200
	7,000	3,150	8,130	2,070	6-6	6-6	1,500	1,500	2,550	2,550	2,400	2,400	3,300	3,100

2.2 Hook-on sideshifter

	h3 [mm]	h1 [mm]	h4 [mm]	h2/h5 [mm]	Tilt angle F/B [°]		Single drive				Dual drive			
							Pneumatic		Solid		Pneumatic		Solid	
					500	600	500	600	500	600	500	600		
					[kg]									
Simplex mast (2SP)	3,000	2,170	4,130	150	6-12	6-10	4,000	3,500	4,000	3,500	4,000	3,500	4,000	3,500
	3,300	2,320	4,430	150	6-12	6-10	3,900	3,500	4,000	3,500	3,950	3,500	4,000	3,500
	3,700	2,520	4,830	150	6-12	6-10	3,800	3,500	3,900	3,500	3,800	3,500	3,900	3,500
	4,000	2,700	5,130	150	6-12	6-10	3,700	3,500	3,800	3,500	3,750	3,500	3,800	3,500
	4,500	3,000	5,630	150	6-6	6-6	3,600	3,350	3,650	3,450	3,600	3,350	3,700	3,450
	5,000	3,250	6,130	150	6-6	6-6	3,450	3,250	3,550	3,350	3,450	3,250	3,550	3,350
	5,500	3,500	6,630	150	6-6	6-6	2,650	2,750	3,350	3,150	3,250	3,050	3,350	3,150
	6,000	3,750	7,130	150	6-6	6-6	2,050	2,150	3,200	3,050	3,150	2,950	3,200	3,050
Duplex mast (2FP)	3,000	2,170	4,130	1,090	6-12	6-10	4,000	3,500	4,000	3,500	4,000	3,500	4,000	3,500
	3,300	2,320	4,430	1,240	6-12	6-10	3,900	3,500	4,000	3,500	3,900	3,500	4,000	3,500
	3,700	2,520	4,830	1,440	6-12	6-10	3,800	3,500	3,850	3,500	3,800	3,500	3,850	3,500
	4,060	2,700	5,190	1,620	6-12	6-10	3,700	3,450	3,750	3,500	3,700	3,450	3,800	3,500
Triplex mast (3FP)	3,700	1,950	4,830	870	6-6	6-6	3,750	3,500	3,850	3,500	3,750	3,500	3,850	3,500
	4,000	2,050	5,130	970	6-6	6-6	3,700	3,450	3,750	3,500	3,700	3,450	3,800	3,500
	4,360	2,170	5,490	1,090	6-6	6-6	3,600	3,350	3,650	3,450	3,600	3,400	3,700	3,450
	4,700	2,290	5,830	1,200	6-6	6-6	3,500	3,300	3,600	3,350	3,500	3,300	3,600	3,400
	5,050	2,400	6,180	1,320	6-6	6-6	3,400	3,200	3,500	3,300	3,450	3,250	3,500	3,300
	5,500	2,550	6,630	1,470	6-6	6-6	2,700	2,750	3,300	3,100	3,200	3,050	3,300	3,100
	6,000	2,750	7,130	1,670	6-6	6-6	2,050	2,150	3,150	3,000	3,100	2,900	3,150	3,000
	6,500	2,950	7,630	1,870	6-6	6-6	1,600	1,650	2,850	2,850	2,600	2,650	3,050	2,900
	7,000	3,150	8,130	2,070	6-6	6-6	1,200	1,250	2,100	2,250	1,900	2,000	2,900	2,800

2.3 Integral sideshifter

	h3 [mm]	h1 [mm]	h4 [mm]	h2/h5 [mm]	Tilt angle F/B [°]		Single drive				Dual drive			
							Pneumatic		Solid		Pneumatic		Solid	
					500	600	500	600	500	600	500	600		
					[kg]									
					NT	N(M)1								
Simplex mast (2SP)	3,000	2,170	4,130	150	6-12	6-10	4,000	3,500	4,000	3,500	4,000	3,500	4,000	3,500
	3,300	2,320	4,430	150	6-12	6-10	3,950	3,500	4,000	3,500	4,000	3,500	4,000	3,500
	3,700	2,520	4,830	150	6-12	6-10	3,850	3,500	3,950	3,500	3,850	3,500	3,950	3,500
	4,000	2,700	5,130	150	6-12	6-10	3,800	3,500	3,850	3,500	3,800	3,500	3,850	3,500
	4,500	3,000	5,630	150	6-6	6-6	3,650	3,400	3,700	3,500	3,650	3,450	3,750	3,500
	5,000	3,250	6,130	150	6-6	6-6	3,500	3,300	3,600	3,400	3,550	3,300	3,600	3,400
	5,500	3,500	6,630	150	6-6	6-6	2,800	2,800	3,400	3,200	3,300	3,100	3,400	3,200
	6,000	3,750	7,130	150	6-6	6-6	2,200	2,200	3,250	3,100	3,200	3,000	3,300	3,100
Duplex mast (2FP)	3,000	2,170	4,130	1,090	6-12	6-10	4,000	3,500	4,000	3,500	4,000	3,500	4,000	3,500
	3,300	2,320	4,430	1,240	6-12	6-10	3,950	3,500	4,000	3,500	3,950	3,500	4,000	3,500
	3,700	2,520	4,830	1,440	6-12	6-10	3,850	3,500	3,900	3,500	3,850	3,500	3,950	3,500
	4,060	2,700	5,190	1,620	6-12	6-10	3,750	3,500	3,850	3,500	3,750	3,500	3,850	3,500
Triplex mast (3FP)	3,700	1,950	4,830	870	6-6	6-6	3,800	3,500	3,900	3,500	3,800	3,500	3,900	3,500
	4,000	2,050	5,130	970	6-6	6-6	3,750	3,500	3,800	3,500	3,750	3,500	3,850	3,500
	4,360	2,170	5,490	1,090	6-6	6-6	3,650	3,400	3,750	3,500	3,650	3,450	3,750	3,500
	4,700	2,290	5,830	1,200	6-6	6-6	3,550	3,350	3,650	3,400	3,550	3,350	3,650	3,450
	5,050	2,400	6,180	1,320	6-6	6-6	3,450	3,250	3,550	3,350	3,500	3,300	3,550	3,350
	5,500	2,550	6,630	1,470	6-6	6-6	2,800	2,800	3,350	3,150	3,300	3,100	3,350	3,150
	6,000	2,750	7,130	1,670	6-6	6-6	2,200	2,200	3,200	3,050	3,150	2,950	3,200	3,050
	6,500	2,950	7,630	1,870	6-6	6-6	1,700	1,700	3,000	2,900	2,700	2,700	3,100	2,950
	7,000	3,150	8,130	2,070	6-6	6-6	1,300	1,300	2,250	2,250	2,050	2,050	3,000	2,850

3 FD/FG45NT/45N(M)1

3.1 Standard forks

	h3 [mm]	h1 [mm]	h4 [mm]	h2/h5 [mm]	Tilt angle F/B [°]		Single drive				Dual drive			
					NT	N(M)1	Pneumatic		Solid		Pneumatic		Solid	
							500	600	500	600	500	600	500	600
					[kg]									
Simplex mast (2SP)	3,000	2,170	4,130	150	6-12	6-10	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	3,300	2,320	4,430	150	6-12	6-10	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	3,700	2,520	4,830	150	6-12	6-10	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	4,000	2,700	5,130	150	6-12	6-10	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	4,500	3,000	5,630	150	6-6	6-6	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	5,000	3,250	6,130	150	6-6	6-6	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	5,500	3,500	6,630	150	6-6	6-6	3,600	3,400	4,400	4,000	4,300	4,000	4,400	4,000
	6,000	3,750	7,130	150	6-6	6-6	2,700	2,700	4,250	3,900	3,900	3,900	4,250	3,900
Duplex mast (2FP)	3,000	2,170	4,130	1,090	6-12	6-10	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	3,300	2,320	4,430	1,240	6-12	6-10	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	3,700	2,520	4,830	1,440	6-12	6-10	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	4,060	2,700	5,190	1,620	6-12	6-10	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
Triplex mast (3FP)	3,700	1,950	4,830	870	6-6	6-6	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	4,000	2,050	5,130	970	6-6	6-6	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	4,360	2,170	5,490	1,090	6-6	6-6	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	4,700	2,285	5,830	1,200	6-6	6-6	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	5,050	2,400	6,180	1,320	6-6	6-6	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	5,500	2,550	6,630	1,470	6-6	6-6	3,600	3,500	4,350	4,000	4,200	4,000	4,350	4,000
	6,000	2,750	7,130	1,670	6-6	6-6	2,700	2,700	4,200	3,900	4,050	3,800	4,200	3,900
	6,500	2,950	7,630	1,870	6-6	6-6	2,100	2,100	3,600	3,600	3,000	3,000	4,050	3,800
	7,000	3,150	8,130	2,070	6-6	6-6	1,600	1,600	2,700	2,700	2,400	2,400	3,500	3,500

3.2 With hook-on sideshifter

	h3 [mm]	h1 [mm]	h4 [mm]	h2/h5 [mm]	Tilt angle F/B [°]		Single drive				Dual drive			
					NT	N(M)1	Pneumatic		Solid		Pneumatic		Solid	
							500	600	500	600	500	600	500	600
					[kg]									
Simplex mast (2SP)	3,000	2,170	4,130	150	6-12	6-10	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	3,300	2,320	4,430	150	6-12	6-10	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	3,700	2,520	4,830	150	6-12	6-10	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	4,000	2,700	5,130	150	6-12	6-10	4,400	4,000	4,500	4,000	4,400	4,000	4,500	4,000
	4,500	3,000	5,630	150	6-6	6-6	4,250	4,000	4,350	4,000	4,250	4,000	4,350	4,000
	5,000	3,250	6,130	150	6-6	6-6	4,100	3,850	4,200	3,950	4,100	3,850	4,200	3,950
	5,500	3,500	6,630	150	6-6	6-6	3,400	3,400	3,950	3,700	3,850	3,650	3,950	3,750
	6,000	3,750	7,130	150	6-6	6-6	2,600	2,600	3,800	3,600	3,400	3,550	3,950	3,600
Duplex mast (2FP)	3,000	2,170	4,130	1,090	6-12	6-10	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	3,300	2,320	4,430	1,240	6-12	6-10	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	3,700	2,520	4,830	1,440	6-12	6-10	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	4,060	2,700	5,190	1,620	6-12	6-10	4,350	4,000	4,450	4,000	4,400	4,000	4,450	4,000
Triplex mast (3FP)	3,700	1,950	4,830	870	6-6	6-6	4,450	4,000	4,500	4,000	4,450	4,000	4,500	4,000
	4,000	2,050	5,130	970	6-6	6-6	4,350	4,000	4,450	4,000	4,350	4,000	4,450	4,000
	4,360	2,170	5,490	1,090	6-6	6-6	4,250	4,000	4,350	4,000	4,250	4,000	4,350	4,000
	4,700	2,285	5,830	1,200	6-6	6-6	4,150	3,900	4,250	4,000	4,150	3,900	4,250	4,000
	5,050	2,400	6,180	1,320	6-6	6-6	4,050	3,800	4,150	3,900	4,100	3,850	4,150	3,900
	5,500	2,550	6,630	1,470	6-6	6-6	3,400	3,400	3,900	3,700	3,850	3,600	3,950	3,700
	6,000	2,750	7,130	1,670	6-6	6-6	2,600	2,600	3,750	3,550	3,450	3,500	3,800	3,550
	6,500	2,950	7,630	1,870	6-6	6-6	2,000	2,000	3,400	3,450	2,550	2,650	3,650	3,450
	7,000	3,150	8,130	2,070	6-6	6-6	1,500	1,500	2,550	2,650	1,900	2,000	2,950	3,200

3.3 Integral sideshifter

	h3 [mm]	h1 [mm]	h4 [mm]	h2/h5 [mm]	Tilt angle F/B [°]		Single drive				Dual drive			
					NT	N(M)1	Pneumatic		Solid		Pneumatic		Solid	
							500	600	500	600	500	600	500	600
					[kg]									
Simplex mast (2SP)	3,000	2,170	4,130	150	6-12	6-10	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	3,300	2,320	4,430	150	6-12	6-10	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	3,700	2,520	4,830	150	6-12	6-10	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	4,000	2,700	5,130	150	6-12	6-10	4,400	4,000	4,500	4,000	4,400	4,000	4,500	4,000
	4,500	3,000	5,630	150	6-6	6-6	4,250	4,000	4,350	4,000	4,250	4,000	4,350	4,000
	5,000	3,250	6,130	150	6-6	6-6	4,100	3,850	4,200	3,950	4,100	3,850	4,200	3,950
	5,500	3,500	6,630	150	6-6	6-6	3,400	3,400	3,950	3,700	3,850	3,650	3,950	3,750
	6,000	3,750	7,130	150	6-6	6-6	2,600	2,600	3,800	3,600	3,400	3,550	3,950	3,600
Duplex mast (2FP)	3,000	2,170	4,130	1,090	6-12	6-10	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	3,300	2,320	4,430	1,240	6-12	6-10	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	3,700	2,520	4,830	1,440	6-12	6-10	4,500	4,000	4,500	4,000	4,500	4,000	4,500	4,000
	4,060	2,700	5,190	1,620	6-12	6-10	4,350	4,000	4,450	4,000	4,400	4,000	4,450	4,000
Triplex mast (3FP)	3,700	1,950	4,830	870	6-6	6-6	4,450	4,000	4,500	4,000	4,450	4,000	4,500	4,000
	4,000	2,050	5,130	970	6-6	6-6	4,350	4,000	4,450	4,000	4,350	4,000	4,450	4,000
	4,360	2,170	5,490	1,090	6-6	6-6	4,250	4,000	4,350	4,000	4,250	4,000	4,350	4,000
	4,700	2,285	5,830	1,200	6-6	6-6	4,150	3,900	4,250	4,000	4,150	3,900	4,250	4,000
	5,050	2,400	6,180	1,320	6-6	6-6	4,050	3,800	4,150	3,900	4,100	3,850	4,150	3,900
	5,500	2,550	6,630	1,470	6-6	6-6	3,400	3,400	3,900	3,700	3,850	3,600	3,950	3,700
	6,000	2,750	7,130	1,670	6-6	6-6	2,600	2,600	3,750	3,550	3,450	3,500	3,800	3,550
	6,500	2,950	7,630	1,870	6-6	6-6	2,000	2,000	3,400	3,450	2,550	2,650	3,650	3,450
	7,000	3,150	8,130	2,070	6-6	6-6	1,500	1,500	2,550	2,650	1,900	2,000	2,950	3,200

4 FD/FG50CNT/50CN(M)1

4.1 Standard forks

	h3 [mm]	h1 [mm]	h4 [mm]	h2/h5 [mm]	Tilt angle F/B [°]		Single drive				Dual drive			
					NT	N(M)1	Pneumatic		Solid		Pneumatic		Solid	
							500	600	500	600	500	600	500	600
					[kg]									
Simplex mast (2SP)	3,000	2,250	4,130	150	6-12	6-10	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	3,300	2,400	4,430	150	6-12	6-10	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	3,700	2,600	4,830	150	6-12	6-10	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	4,000	2,850	5,130	150	6-12	6-10	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	4,500	3,100	5,630	150	6-6	6-6	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	5,000	3,350	6,130	150	6-6	6-6	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	5,500	3,600	6,630	150	6-6	6-6	3,600	3,400	4,850	4,500	4,750	4,500	4,850	4,500
	6,000	3,850	7,130	150	6-6	6-6	2,700	2,700	4,700	4,400	3,900	3,900	4,700	4,400
Duplex mast (2FP)	2,970	2,250	4,100	1,170	6-12	6-10	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	3,280	2,400	4,410	1,320	6-12	6-10	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	4,080	2,850	5,210	1,770	6-12	6-10	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	3,700	2,050	4,830	970	6-6	6-6	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
Triplex mast (3FP)	4,040	2,170	5,170	1,090	6-6	6-6	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	4,310	2,260	5,440	1,180	6-6	6-6	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	4,750	2,400	5,880	1,320	6-6	6-6	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	5,050	2,500	6,180	1,420	6-6	6-6	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	5,500	2,650	6,630	1,570	6-6	6-6	3,600	3,500	4,800	4,500	4,700	4,450	4,850	4,500
	6,000	2,850	7,130	1,770	6-6	6-6	2,700	2,700	4,600	4,350	4,200	4,200	4,650	4,350
	6,500	3,050	7,630	1,970	6-6	6-6	2,100	2,100	3,600	3,700	3,000	3,000	4,450	4,200
	7,000	3,250	8,130	2,170	6-6	6-6	1,600	1,600	2,700	2,700	2,400	2,400	3,500	3,500
	3,000	2,250	4,130	150	6-12	6-10	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500

4.2 Hook-on sideshifter

	h3 [mm]	h1 [mm]	h4 [mm]	h2/h5 [mm]	Tilt angle F/B [°]		Single drive				Dual drive			
					NT	N(M)1	Pneumatic		Solid		Pneumatic		Solid	
							500	600	500	600	500	600	500	600
					[kg]									
Simplex mast (2SP)	3,000	2,250	4,130	150	6-12	6-10	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	3,300	2,400	4,430	150	6-12	6-10	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	3,700	2,600	4,830	150	6-12	6-10	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	4,000	2,850	5,130	150	6-12	6-10	4,900	4,500	5,000	4,500	4,900	4,500	5,000	4,500
	4,500	3,100	5,630	150	6-6	6-6	4,700	4,450	4,800	4,500	4,750	4,450	4,800	4,500
	5,000	3,350	6,130	150	6-6	6-6	4,550	4,300	4,650	4,400	4,550	4,300	4,650	4,400
	5,500	3,600	6,630	150	6-6	6-6	3,400	3,400	4,400	4,150	4,300	4,050	4,400	4,150
	6,000	3,850	7,130	150	6-6	6-6	2,600	2,600	4,250	4,000	3,400	3,550	4,250	4,000
Duplex mast (2FP)	2,970	2,250	4,100	1,170	6-12	6-10	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	3,280	2,400	4,410	1,320	6-12	6-10	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	4,080	2,850	5,210	1,770	6-12	6-10	4,850	4,500	4,950	4,500	4,850	4,500	4,950	4,500
	3,700	2,050	4,830	970	6-6	6-6	4,950	4,500	5,000	4,500	4,950	4,500	5,000	4,500
Triplex mast (3FP)	4,040	2,170	5,170	1,090	6-6	6-6	4,800	4,500	4,900	4,500	4,850	4,500	4,900	4,500
	4,310	2,260	5,440	1,180	6-6	6-6	4,750	4,450	4,850	4,500	4,750	4,450	4,850	4,500
	4,750	2,400	5,880	1,320	6-6	6-6	4,600	4,300	4,700	4,400	4,600	4,350	4,700	4,400
	5,050	2,500	6,180	1,420	6-6	6-6	4,500	4,250	4,600	4,300	4,500	4,250	4,600	4,350
	5,500	2,650	6,630	1,570	6-6	6-6	3,400	3,400	4,350	4,100	4,250	4,000	4,350	4,100
	6,000	2,850	7,130	1,770	6-6	6-6	2,600	2,600	4,150	3,950	3,450	3,600	4,150	3,950
	6,500	3,050	7,630	1,970	6-6	6-6	2,000	2,000	3,400	3,500	2,550	2,650	4,000	3,800
	7,000	3,250	8,130	2,170	6-6	6-6	1,500	1,500	2,550	2,650	1,900	2,000	2,950	3,200
	3,000	2,250	4,130	150	6-12	6-10	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500

4.3 Integral sideshifter

	h3 [mm]	h1 [mm]	h4 [mm]	h2/h5 [mm]	Tilt angle F/B [°]		Single drive				Dual drive			
					NT	N(M)1	Pneumatic		Solid		Pneumatic		Solid	
							500	600	500	600	500	600	500	600
					[kg]									
Simplex mast (2SP)	3,000	2,250	4,130	150	6-12	6-10	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	3,300	2,400	4,430	150	6-12	6-10	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	3,700	2,600	4,830	150	6-12	6-10	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	4,000	2,850	5,130	150	6-12	6-10	4,950	4,500	5,000	4,500	4,950	4,500	5,000	4,500
	4,500	3,100	5,630	150	6-6	6-6	4,750	4,500	4,850	4,500	4,800	4,500	4,900	4,500
	5,000	3,350	6,130	150	6-6	6-6	4,600	4,350	4,700	4,450	4,650	4,350	4,750	4,450
	5,500	3,600	6,630	150	6-6	6-6	3,550	3,400	4,450	4,200	4,350	4,100	4,450	4,200
	6,000	3,850	7,130	150	6-6	6-6	2,700	2,700	4,300	4,050	3,550	3,550	4,300	4,050
Duplex mast (2FP)	2,970	2,250	4,100	1,170	6-12	6-10	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	3,280	2,400	4,410	1,320	6-12	6-10	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
	4,080	2,850	5,210	1,770	6-12	6-10	4,900	4,500	5,000	4,500	4,900	4,500	5,000	4,500
	3,700	2,050	4,830	970	6-6	6-6	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500
Triplex mast (3FP)	4,040	2,170	5,170	1,090	6-6	6-6	4,850	4,500	4,950	4,500	4,900	4,500	4,950	4,500
	4,310	2,260	5,440	1,180	6-6	6-6	4,800	4,500	4,900	4,500	4,800	4,500	4,900	4,500
	4,750	2,400	5,880	1,320	6-6	6-6	4,650	4,350	4,750	4,450	4,650	4,400	4,750	4,450
	5,050	2,500	6,180	1,420	6-6	6-6	4,550	4,300	4,650	4,350	4,550	4,300	4,650	4,400
	5,500	2,650	6,630	1,570	6-6	6-6	3,600	3,500	4,400	4,150	4,300	4,100	4,400	4,150
	6,000	2,850	7,130	1,770	6-6	6-6	2,700	2,700	4,200	4,000	3,600	3,600	4,250	4,000
	6,500	3,050	7,630	1,970	6-6	6-6	2,100	2,100	3,550	3,550	2,700	2,700	4,100	3,850
	7,000	3,250	8,130	2,170	6-6	6-6	1,600	1,600	2,700	2,700	2,050	2,050	3,100	3,100
	3,000	2,250	4,130	150	6-12	6-10	5,000	4,500	5,000	4,500	5,000	4,500	5,000	4,500

5 FD/FG50NT/50N(M)1

5.1 Standard forks

	h3 [mm]	h1 [mm]	h4 [mm]	h2/h5 [mm]	Tilt angle F/B [°]		Single drive				Dual drive			
					NT	N(M)1	Pneumatic		Solid		Pneumatic		Solid	
							500	600	500	600	500	600	500	600
					[kg]									
Simplex mast (2SP)	3,000	2,250	4,280	160	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	3,300	2,400	4,580	160	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	3,700	2,600	4,980	160	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	4,000	2,850	5,280	160	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	4,500	3,100	5,780	160	6-6	6-6	-	5,000	-	5,000	-	5,000	-	5,000
	5,000	3,350	6,280	160	6-6	6-6	-	5,000	-	5,000	-	5,000	-	5,000
	5,500	3,600	6,780	160	6-6	6-6	-	3,400	-	5,000	-	4,900	-	5,000
	6,000	3,850	7,280	160	6-6	6-6	-	2,700	-	4,900	-	4,100	-	4,900
Duplex mast (2FP)	2,970	2,250	4,250	1,030	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	3,280	2,400	4,560	1,180	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	4,080	2,850	5,360	1,630	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	3,700	2,050	4,980	830	6-6	6-6	-	5,000	-	5,000	-	5,000	-	5,000
Triplex mast (3FP)	4,040	2,170	5,320	950	6-6	6-6	-	5,000	-	5,000	-	5,000	-	5,000
	4,310	2,260	5,590	1,040	6-6	6-6	-	5,000	-	5,000	-	5,000	-	5,000
	4,750	2,400	6,030	1,180	6-6	6-6	-	5,000	-	5,000	-	5,000	-	5,000
	5,050	2,500	6,330	1,280	6-6	6-6	-	5,000	-	5,000	-	5,000	-	5,000
	5,500	2,650	6,780	1,430	6-6	6-6	-	3,500	-	5,000	-	4,900	-	5,000
	6,000	2,850	7,280	1,630	6-6	6-6	-	2,700	-	4,800	-	4,300	-	4,800
	6,500	3,050	7,780	1,830	6-6	6-6	-	2,100	-	3,800	-	3,150	-	4,650
	7,000	3,250	8,280	2,030	6-6	6-6	-	1,700	-	2,800	-	2,500	-	3,900
	3,000	2,250	4,280	160	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000

5.2 Hook-on sideshifter

	h3 [mm]	h1 [mm]	h4 [mm]	h2/h5 [mm]	Tilt angle F/B [°]		Single drive				Dual drive			
							Pneumatic		Solid		Pneumatic		Solid	
					500	600	500	600	500	600	500	600		
					[kg]									
Simplex mast (2SP)	3,000	2,250	4,280	160	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	3,300	2,400	4,580	160	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	3,700	2,600	4,980	160	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	4,000	2,850	5,280	160	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	4,500	3,100	5,780	160	6-6	6-6	-	4,850	-	4,950	-	4,850	-	4,950
	5,000	3,350	6,280	160	6-6	6-6	-	4,600	-	4,800	-	4,700	-	4,800
	5,500	3,600	6,780	160	6-6	6-6	-	3,400	-	4,550	-	4,450	-	4,550
	6,000	3,850	7,280	160	6-6	6-6	-	2,600	-	4,400	-	3,550	-	4,400
Duplex mast (2FP)	2,970	2,250	4,250	1,030	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	3,280	2,400	4,560	1,180	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	4,080	2,850	5,360	1,630	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	3,700	2,050	4,980	830	6-6	6-6	-	5,000	-	5,000	-	5,000	-	5,000
Triplex mast (3FP)	4,040	2,170	5,320	950	6-6	6-6	-	4,950	-	5,000	-	4,950	-	5,000
	4,310	2,260	5,590	1,040	6-6	6-6	-	4,900	-	5,000	-	4,900	-	5,000
	4,750	2,400	6,030	1,180	6-6	6-6	-	4,750	-	4,850	-	4,750	-	4,850
	5,050	2,500	6,330	1,280	6-6	6-6	-	4,500	-	4,750	-	4,650	-	4,750
	5,500	2,650	6,780	1,430	6-6	6-6	-	3,400	-	4,500	-	4,450	-	4,500
	6,000	2,850	7,280	1,630	6-6	6-6	-	2,600	-	4,350	-	3,600	-	4,350
	6,500	3,050	7,780	1,830	6-6	6-6	-	2,000	-	3,500	-	2,650	-	4,200
	7,000	3,250	8,280	2,030	6-6	6-6	-	1,500	-	2,650	-	2,000	-	3,200
	3,000	2,250	4,280	160	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000

5.3 Integral sideshifter

	h3 [mm]	h1 [mm]	h4 [mm]	h2/h5 [mm]	Tilt angle F/B [°]		Single drive				Dual drive			
							Pneumatic		Solid		Pneumatic		Solid	
					500	600	500	600	500	600	500	600		
					[kg]									
Simplex mast (2SP)	3,000	2,250	4,280	160	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	3,300	2,400	4,580	160	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	3,700	2,600	4,980	160	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	4,000	2,850	5,280	160	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	4,500	3,100	5,780	160	6-6	6-6	-	4,900	-	5,000	-	4,900	-	5,000
	5,000	3,350	6,280	160	6-6	6-6	-	4,750	-	4,850	-	4,750	-	4,850
	5,500	3,600	6,780	160	6-6	6-6	-	3,400	-	4,600	-	4,500	-	4,600
	6,000	3,850	7,280	160	6-6	6-6	-	2,700	-	4,450	-	3,750	-	4,450
Duplex mast (2FP)	2,970	2,250	4,250	1,030	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	3,280	2,400	4,560	1,180	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	4,080	2,850	5,360	1,630	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000
	3,700	2,050	4,980	830	6-6	6-6	-	5,000	-	5,000	-	5,000	-	5,000
Triplex mast (3FP)	4,040	2,170	5,320	950	6-6	6-6	-	5,000	-	5,000	-	5,000	-	5,000
	4,310	2,260	5,590	1,040	6-6	6-6	-	4,900	-	5,000	-	5,000	-	5,000
	4,750	2,400	6,030	1,180	6-6	6-6	-	4,750	-	4,850	-	4,800	-	4,850
	5,050	2,500	6,330	1,280	6-6	6-6	-	4,700	-	4,800	-	4,700	-	4,800
	5,500	2,650	6,780	1,430	6-6	6-6	-	3,500	-	4,550	-	4,450	-	4,550
	6,000	2,850	7,280	1,630	6-6	6-6	-	2,700	-	4,350	-	3,750	-	4,350
	6,500	3,050	7,780	1,830	6-6	6-6	-	2,100	-	3,700	-	2,850	-	4,250
	7,000	3,250	8,280	2,030	6-6	6-6	-	1,650	-	2,800	-	2,150	-	3,450
	3,000	2,250	4,280	160	6-12	6-10	-	5,000	-	5,000	-	5,000	-	5,000

6 FD/FG55NT/55N(M)1

6.1 Standard forks

	h3 [mm]	h1 [mm]	h4 [mm]	h2/h5 [mm]	Tilt angle F/B [°]		Single drive				Dual drive			
					NT	N(M)1	Pneumatic		Solid		Pneumatic		Solid	
							500	600	500	600	500	600	500	600
					[kg]									
Simplex mast (2SP)	3,000	2,250	4,280	160	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	3,300	2,400	4,580	160	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	3,700	2,600	4,980	160	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	4,000	2,850	5,280	160	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	4,500	3,100	5,780	160	6-6	6-6	-	5,500	-	5,500	-	5,500	-	5,500
	5,000	3,350	6,280	160	6-6	6-6	-	-	-	5,500	-	5,500	-	5,500
	5,500	3,600	6,780	160	6-6	6-6	-	-	-	5,500	-	-	-	5,500
	6,000	3,850	7,280	160	6-6	6-6	-	-	-	-	-	-	-	5,350
Duplex mast (2FP)	2,970	2,250	4,250	1,030	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	3,280	2,400	4,560	1,180	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	4,080	2,850	5,360	1,630	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	3,700	2,050	4,980	830	6-6	6-6	-	5,500	-	5,500	-	5,500	-	5,500
Triplex mast (3FP)	4,040	2,170	5,320	950	6-6	6-6	-	5,500	-	5,500	-	5,500	-	5,500
	4,310	2,260	5,590	1,040	6-6	6-6	-	5,500	-	5,500	-	5,500	-	5,500
	4,750	2,400	6,030	1,180	6-6	6-6	-	5,450	-	5,500	-	5,500	-	5,500
	5,050	2,500	6,330	1,280	6-6	6-6	-	-	-	5,500	-	5,500	-	5,500
	5,500	2,650	6,780	1,430	6-6	6-6	-	-	-	5,500	-	-	-	5,500
	6,000	2,850	7,280	1,630	6-6	6-6	-	-	-	-	-	-	-	5,300
	6,500	3,050	7,780	1,830	6-6	6-6	-	-	-	-	-	-	-	-
	7,000	3,250	8,280	2,030	6-6	6-6	-	-	-	-	-	-	-	-
	3,000	2,250	4,280	160	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500

6.2 Hook-on sideshifter

	h3 [mm]	h1 [mm]	h4 [mm]	h2/h5 [mm]	Tilt angle F/B [°]		Single drive				Dual drive			
					NT	N(M)1	Pneumatic		Solid		Pneumatic		Solid	
							500	600	500	600	500	600	500	600
					[kg]									
Simplex mast (2SP)	3,000	2,250	4,280	160	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	3,300	2,400	4,580	160	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	3,700	2,600	4,980	160	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	4,000	2,850	5,280	160	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	4,500	3,100	5,780	160	6-6	6-6	-	5,350	-	5,450	-	5,400	-	5,450
	5,000	3,350	6,280	160	6-6	6-6	-	-	-	5,300	-	5,200	-	5,300
	5,500	3,600	6,780	160	6-6	6-6	-	-	-	5,000	-	-	-	5,000
	6,000	3,850	7,280	160	6-6	6-6	-	-	-	-	-	-	-	4,850
Duplex mast (2FP)	2,970	2,250	4,250	1,030	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	3,280	2,400	4,560	1,180	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	4,080	2,850	5,360	1,630	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	3,700	2,050	4,980	830	6-6	6-6	-	5,500	-	5,500	-	5,500	-	5,500
Triplex mast (3FP)	4,040	2,170	5,320	950	6-6	6-6	-	5,500	-	5,500	-	5,500	-	5,500
	4,310	2,260	5,590	1,040	6-6	6-6	-	5,400	-	5,500	-	5,400	-	5,500
	4,750	2,400	6,030	1,180	6-6	6-6	-	4,900	-	5,350	-	5,250	-	5,350
	5,050	2,500	6,330	1,280	6-6	6-6	-	-	-	5,250	-	5,150	-	5,250
	5,500	2,650	6,780	1,430	6-6	6-6	-	-	-	5,000	-	-	-	5,000
	6,000	2,850	7,280	1,630	6-6	6-6	-	-	-	-	-	-	-	4,800
	6,500	3,050	7,780	1,830	6-6	6-6	-	-	-	-	-	-	-	-
	7,000	3,250	8,280	2,030	6-6	6-6	-	-	-	-	-	-	-	-
	3,000	2,250	4,280	160	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500

6.3 Integral sideshifter

	h3 [mm]	h1 [mm]	h4 [mm]	h2/h5 [mm]	Tilt angle F/B [°]		Single drive				Dual drive			
					NT	N(M)1	Pneumatic		Solid		Pneumatic		Solid	
							500	600	500	600	500	600	500	600
					[kg]									
Simplex mast (2SP)	3,000	2,250	4,280	160	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	3,300	2,400	4,580	160	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	3,700	2,600	4,980	160	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	4,000	2,850	5,280	160	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	4,500	3,100	5,780	160	6-6	6-6	-	5,400	-	5,500	-	5,400	-	5,500
	5,000	3,350	6,280	160	6-6	6-6	-	-	-	5,300	-	5,250	-	5,350
	5,500	3,600	6,780	160	6-6	6-6	-	-	-	5,050	-	-	-	5,050
	6,000	3,850	7,280	160	6-6	6-6	-	-	-	-	-	-	-	4,900
Duplex mast (2FP)	2,970	2,250	4,250	1,030	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	3,280	2,400	4,560	1,180	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	4,080	2,850	5,360	1,630	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500
	3,700	2,050	4,980	830	6-6	6-6	-	5,500	-	5,500	-	5,500	-	5,500
Triplex mast (3FP)	4,040	2,170	5,320	950	6-6	6-6	-	5,500	-	5,500	-	5,500	-	5,500
	4,310	2,260	5,590	1,040	6-6	6-6	-	5,400	-	5,500	-	5,400	-	5,500
	4,750	2,400	6,030	1,180	6-6	6-6	-	5,050	-	5,350	-	5,250	-	5,350
	5,050	2,500	6,330	1,280	6-6	6-6	-	-	-	5,250	-	5,200	-	5,250
	5,500	2,650	6,780	1,430	6-6	6-6	-	-	-	5,000	-	-	-	5,000
	6,000	2,850	7,280	1,630	6-6	6-6	-	-	-	-	-	-	-	4,800
	6,500	3,050	7,780	1,830	6-6	6-6	-	-	-	-	-	-	-	-
	7,000	3,250	8,280	2,030	6-6	6-6	-	-	-	-	-	-	-	-
	3,000	2,250	4,280	160	6-12	6-10	-	5,500	-	5,500	-	5,500	-	5,500



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