

UNICARRIERS[®]

□FORKLIFT□

Platinum II[®] Series



Engine Powered Forklifts

Gas, LP, Dual Fuel

3,000 - 7,000 lbs. Capacities | Pneumatic Tire



S P E C I F I C A T I O N S

MAIN TRUCK SPECIFICATIONS

CHARACTERISTICS	1	Manufacturer's Name		UniCarriers	UniCarriers	UniCarriers
	2	Model	Model designation	PF30	PF35	PFS40
	3	Long Model Code		MP1F1A15JV / LV / DV	MP1F1A18JV / LV / DV	MP1F1A20JV / LV / DV
	4	Rated Load Capacity	lb (kg)	3000 (1350)	3500 (1600)	4000 (1800)
DIMENSIONS	5	Load Center	Distance	24 (600)	24 (600)	24 (600)
	6	Power Type		G - LP - G/LP	G - LP - G/LP	G - LP - G/LP
	7	Operator Orientation		Sit	Sit	Sit
	8	Tire Type	Front & rear	Pneumatic	Pneumatic	Pneumatic
	9	Wheels	Number (x=driven) front/rear	2 x / 2	2 x / 2	2 x / 2
	10	Mast	Maximum fork height	130 (3300)	130 (3300)	130 (3300)
	11		Standard freelif	6.2 (160)	6.2 (160)	6.2 (160)
	12	Forks	Thickness & width	1.5 x 4 (40x100)	1.5 x 4 (40x100)	1.5 x 4 (40x100)
	13		Length	42 (1070)	42 (1070)	42 (1070)
	14	Tilt Angle	Standard mast - fwd/back	6/12	6/12	6/12
	15	Overall Dimensions	Length (to face of forks)	89.0 (2260)	90.2 (2290)	91.3 (2320)
	16		Width (single/dual tires)	41.9 (1065) / 58.3 (1480)	41.9 (1065) / 58.3 (1480)	41.9 (1065) / 58.3 (1480)
	17		Mast lowered (OHL)	84.4 (2145)	84.4 (2145)	84.4 (2145)
	18		Mast extended with LBR	179.3 (4555)	179.3 (4555)	179.3 (4555)
	19		Height - top of OHG	83.3 (2115)	83.3 (2115)	83.3 (2115)
	20		Height - top of standard LBR	48 (1220)	48 (1220)	48 (1220)
	21		Width - standard carriage	36.2 (920)	36.2 (920)	36.2 (920)
	22	Grade Clearance	Ramp breakover angle	49	49	49
	23		Departure angle	39	37	35
	24		Approach angle	37	37	37
	25	Turning Radius	Minimum outside	76.2 (1935)	77.6 (1970)	79.1 (2010)
	26	Overhang	Front	15.7 (400)	15.7 (400)	15.7 (400)
	27		Rear	18.1 (460)	19.3 (490)	20.5 (520)
	28	Min Right Angle Stack	Add load length & clearance	91.9 (2335)	93.3 (2370)	94.9 (2410)
PERFORMANCE	29	Speeds Maximum	Travel - forward or reverse	11.5 (18.5)	11.5 (18.5)	11.5 (18.5)
	30		Lift - full/empty	122/127.9 (620/650)	122/127.9 (620/650)	122/127.9 (620/650)
	31		Lowering - full/empty	98.4 (500)	98.4 (500)	98.4 (500)
	32	Drawbar Pull Max	Full load	3705 (1680)	3705 (1680)	3705 (1680)
	33		Empty	2470 (1120)	2646 (1200)	2932 (1330)
	34	Gradeability Max (1.2 mph)	Full/empty	31 / 28	38 / 24	33 / 21
WEIGHT	35	Truck Weight	Standard truck - no load	5810 (2635)	6175 (2800)	6505 (2950)
	36	Weight Distribution	Front axle - empty	2540 (1150)	2440 (1105)	2340 (1060)
	37		Rear axle - empty	3270 (1485)	3735 (1695)	4165 (1890)
	38		Front axle - with rated load	7710 (3620)	8475 (3985)	9235 (4350)
	39		Rear axle - with rated load	1100 (515)	1200 (565)	1270 (600)
	40	Tire Size	Front - single (or dual) tire	6.50-10-10PR	6.50-10-10PR	6.50-10 Solid
CHASSIS & WHEELS	41		Rear	5.00-8-8-PR	5.00-8-8-PR	5.00-8 Solid
	42	Wheelbase		55.1 (1400)	55.1 (1400)	55.1 (1400)
	43	Tread - Center of Tire	Front / rear	35/35.4 (890/900)	35/35.4 (890/900)	35/35.4 (890/900)
	44		Front dual tires	43.1 (1095)	43.1 (1095)	43.1 (1095)
	45	Headroom	SIP to bottom of OHG	42.5 (1080)	42.5 (1080)	42.5 (1080)
	46	Counterweight Height		41.9 (1065)	41.9 (1065)	41.9 (1065)
	47	Step Height		17.7 (450)	17.7 (450)	17.7 (450)
	48	Ground Clearance	Under mast	4.5 (115)	4.5 (115)	4.5 (115)
	49		Under power unit	5.3 (135)	5.3 (135)	5.3 (135)
	50		Under frame (WB center)	5.9 (150)	5.9 (150)	5.9 (150)
	51	Service Brake	Type	Drum and Shoe	Drum and Shoe	Drum and Shoe
	52	Parking Brake	Type	Hand	Hand	Hand
	53	Steering	Type	Full Hydraulic	Full Hydraulic	Full Hydraulic
	54	Engine	Model	K21	K21	K21
DRIVE LINE	55	Rated Output	SAE gross	55 (41) @ 2700	55 (41) @ 2700	55 (41) @ 2700
	56	Rated Torque	SAE gross	111.4 (151) @ 2000	111.4 (151) @ 2000	111.4 (151) @ 2000
	57	Displacement		126 (2065)	126 (2065)	126 (2065)
	58	Transmission	Type	Automatic	Automatic	Automatic
	59		Number speeds - fwd/rev	1/1	1/1	1/1

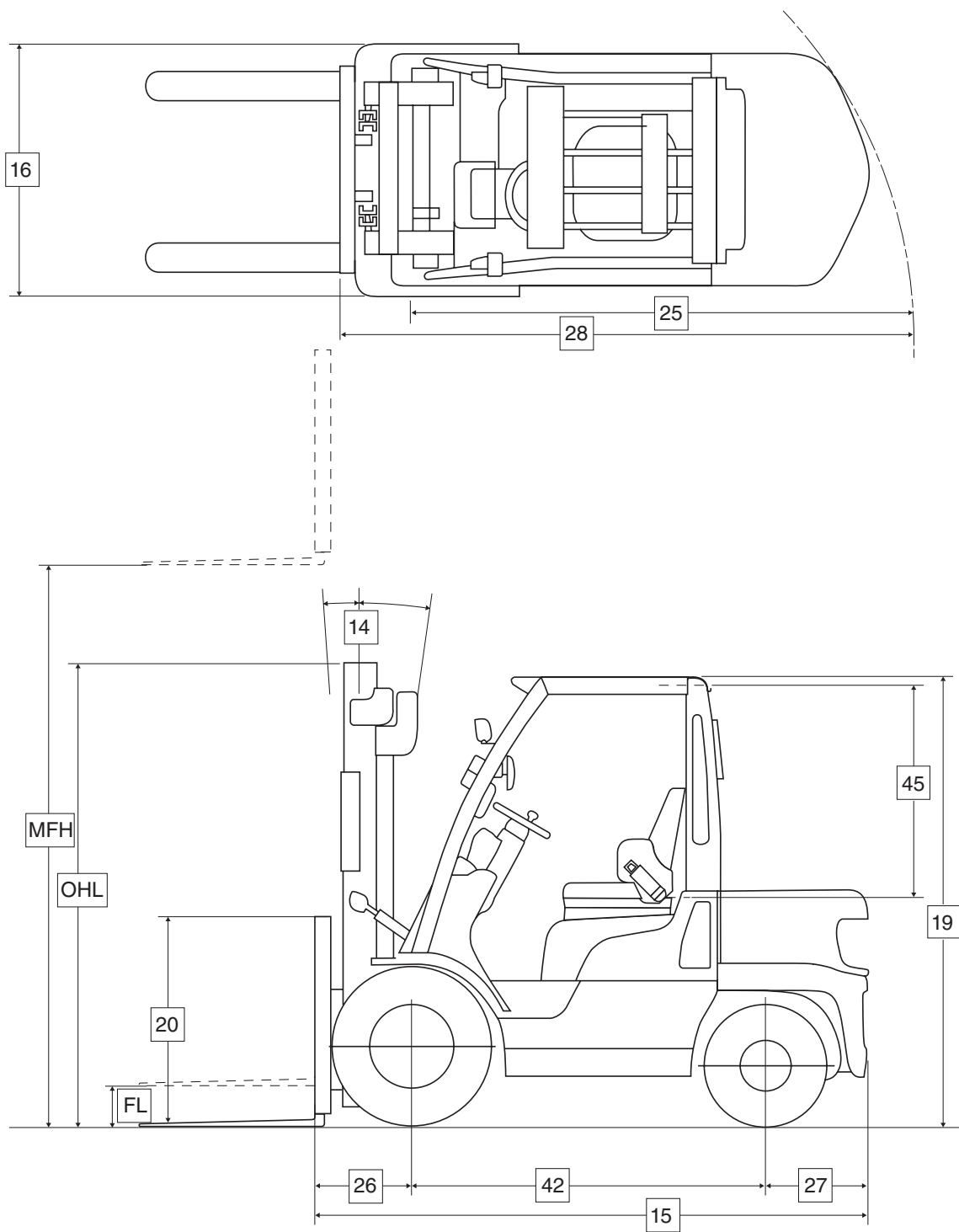
MAIN TRUCK SPECIFICATIONS

CHARACTERISTICS	1	Manufacturer's Name		UniCarriers		UniCarriers	
	2	Model	Model designation	PF40		PFU40	
	3	Long Model Code		MP1F2A20JV / LV / DV		MU1F2A20JV / LV / DV	
	4	Rated Load Capacity	lb (kg)	4000 (1800)		4000 (1800)	
DIMENSIONS	5	Load Center	Distance	24 (600)		24 (600)	
	6	Power Type		G - LP - G/LP		G - LP - G/LP	
	7	Operator Orientation		Sit		Sit	
	8	Tire Type	Front & rear	Pneumatic		Pneumatic	
	9	Wheels	Number (x=driven) front/rear	2 x / 2		2 x / 2	
	10	Mast	Maximum fork height	130 (3300)		130 (3300)	
	11		Standard freelif	6.1 (155)		6.1 (155)	
	12	Forks	Thickness & width	1.5 x 4 (40x100)		1.5 x 4 (40x100)	
	13		Length	42 (1070)		42 (1070)	
	14	Tilt Angle	Standard mast - fwd/back	6/12		6/12	
	15	Overall Dimensions	Length (to face of forks)	96.9 (2460)		96.9 (2460)	
	16		Width (single/dual tires)	45.3 (1150) / 64.6 (1640)		45.3 (1150) / 64.6 (1640)	
	17		Mast lowered (OHL)	84.4 (2145)		84.4 (2145)	
	18		Mast extended with LBR	179.3 (4555)		179.3 (4555)	
	19		Height - top of OHG	83.5 (2120)		83.5 (2120)	
	20		Height - top of standard LBR	48 (1220)		48 (1220)	
	21		Width - standard carriage	40.2 (1020)		40.2 (1020)	
	22	Grade Clearance	Ramp breakover angle	44		44	
	23		Departure angle	45		45	
	24		Approach angle	32		32	
	25	Turning Radius	Minimum outside	83.5 (2120)		83.5 (2120)	
	26	Overhang	Front	17.5 (445)		17.5 (445)	
	27		Rear	16.3 (415)		16.3 (415)	
	28	Min Right Angle Stack	Add load length & clearance	101 (2565)		101 (2565)	
PERFORMANCE	29	Speeds Maximum	Travel - forward or reverse	11.8 (19)		11.8 (19)	
	30		Lift - full/empty	118.1/127.9(600/650)		129.9/137.8 (660/700)	
	31		Lowering - full/empty	98.4 (500)		98.4 (500)	
	32	Drawbar Pull Max	Full load	3880 (1760)		4189 (1900)	
	33		Empty	3439 (1560)		3439 (1560)	
	34	Gradeability Max (1.2 mph)	Full/empty	31 / 28		39 / 28	
WEIGHT	35	Truck Weight	Standard truck - no load	7145 (3240)		7145 (3240)	
	36	Weight Distribution	Front axle - empty	3365 (1525)		3365 (1525)	
	37		Rear axle - empty	3780 (1715)		3780 (1715)	
	38		Front axle - with rated load	10015 (4709)		10015 (4709)	
	39		Rear axle - with rated load	1130 (531)		1130 (531)	
CHASSIS & WHEELS	40	Tire Size	Front - single (or dual) tire	7.00-12-12PR		7.00-12-12PR	
	41		Rear	6.00-9-10PR		6.00-9-10PR	
	42	Wheelbase		63 (1600)		63 (1600)	
	43	Tread - Center of Tire	Front / rear	37.8/38.4 (960/975)		37.8/38.4 (960/975)	
	44		Front dual tires	47.4 (1205)		47.4 (1205)	
	45	Headroom	SIP to bottom of OHG	42.5 (1080)		42.5 (1080)	
	46	Counterweight Height		42.1 (1070)		42.1 (1070)	
	47	Step Height		17.9 (455)		17.9 (455)	
	48	Ground Clearance	Under mast	4.5 (115)		4.5 (115)	
	49		Under power unit	5.3 (135)		5.3 (135)	
	50		Under frame (WB center)	6.1 (155)		6.1 (155)	
	51	Service Brake	Type	Drum and Shoe		Drum and Shoe	
	52	Parking Brake	Type	Hand		Hand	
	53	Steering	Type	Full Hydraulic		Full Hydraulic	
DRIVE LINE	54	Engine	Model	K21		K25	
	55	Rated Output	SAE gross	55 (41) @ 2700		62.9 (46.9) @ 2700	
	56	Rated Torque	SAE gross	111.4 (151) @ 2000		138.7 (188) @ 1600	
	57	Displacement	cu in (cm ³)	126 (2065)		151.8 (2488)	
	58	Transmission	Type	Automatic		Automatic	
	59		Number speeds - fwd/rev	1/1		1/1	

MAIN TRUCK SPECIFICATIONS

1	UniCarriers	UniCarriers	UniCarriers	UniCarriers	UniCarriers
2	PF50	PFU50	PF55	PF60	PF70
3	MP1F2A25JV / LV / DV	MU1F2A25JV / LV / DV	MUJ1F2A28JV / LV / DV	MUG1F2A30JV / LV / DV	MUG1F2A35JV / LV / DV
4	5000 (2250)	5000 (2250)	5500 (2500)	6000 (2700)	7000 (3150)
5	24 (600)	24 (600)	24 (600)	24 (600)	24 (600)
6	G - LP - G/LP	G - LP - G/LP	G - LP - G/LP	G - LP - G/LP	G - LP - G/LP
7	Sit	Sit	Sit	Sit	Sit
8	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
9	2 x / 2	2 x / 2	2 x / 2	2 x / 2	2 x / 2
10	130 (3300)	130 (3300)	130 (3300)	130 (3300)	130 (3300)
11	6.1 (155)	6.1 (155)	6.1 (155)	6.5 (165)	6.5 (165)
12	1.5 x 4 (40x100)	1.5 x 4 (40 x 100)	1.5 x 4 (40 x 100)	2 x 5 (50 x 125)	2 x 5 (50 x 125)
13	42 (1070)	42 (1070)	42 (1070)	42 (1070)	42 (1070)
14	6/12	6/12	6/12	6/12	6/12
15	99 (2515)	99 (2515)	102.8 (2610)	105.5 (2680)	108.5 (2755)
16	45.3 (1150) / 64.6 (1640)	45.3 (1150) / 64.6 (1640)	49.2 (1250) / 65.6 (1665)	49.2 (1250) / 65.6 (1665)	50.4 (1280) / 67.7 (1720)
17	84.4 (2145)	84.4 (2145)	85.6 (2175)	85.6 (2175)	91.1 (2315)
18	179.3 (4555)	179.3 (4555)	179.3 (4555)	179.4 (4560)	179.4 (4560)
19	83.5 (2120)	83.5 (2120)	84.6 (2150)	84.6 (2150)	84.8 (2155)
20	48 (1220)	48 (1220)	48 (1220)	48 (1220)	48 (1220)
21	40.2 (1020)	40.2 (1020)	40.2 (1020)	40.2 (1020)	40.2 (1020)
22	44	44	52	49	51
23	37	37	42	43	39
24	32	32	41	41	51
25	85.8 (2180)	85.8 (2180)	88.2 (2240)	90.6 (2300)	94.1 (2390)
26	17.5 (445)	17.5 (445)	18.5 (470)	18.9 (480)	19.3 (490)
27	18.5 (470)	18.5 (470)	20.5 (520)	19.7 (500)	22.2 (565)
28	103.3 (2625)	103.3 (2625)	106.7 (2710)	109.5 (2780)	113.4 (2880)
29	11.8 (19)	11.8 (19)	11.8 (19)	11.8 (19)	11.5 (18.5)
30	118.1/127.9 (600/650)	129.9/137.8 (660/700)	104.3/114.1 (530/580)	104.3/114.1 (530/580)	88.6/92.5 (450/470)
31	98.4 (500)	98.4 (500)	98.4 (500)	98.4 (500)	82.7/70.8 (420/360)
32	3880 (1760)	4189 (1900)	4189 (1900)	4189 (1900)	4034 (1830)
33	3439 (1560)	3439 (1560)	4057 (1840)	4167 (1890)	3968 (1800)
34	27 / 24	33 / 24	30 / 25	28 / 24	23 / 22
35	7925 (3595)	7925 (3595)	8825 (4000)	9265 (4200)	10120 (4590)
36	3200 (1450)	3200 (1450)	3395 (1540)	3825 (1735)	3760 (1705)
37	4725 (2145)	4725 (2145)	5430 (2460)	5440 (2465)	6360 (2885)
38	11515 (5430)	11515 (5430)	12590 (5935)	13700 (6460)	16215 (7240)
39	1410 (665)	1410 (665)	1735 (815)	1565 (740)	1905 (850)
40	7.00-12-12PR	7.00-12-12PR	28 x 9-15-12PR	28 x 9-15-12PR	250-15-16PR
41	6.00-9-10PR	6.00-9-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-12PR
42	63 (1600)	63 (1600)	63.8 (1620)	66.9 (1700)	66.9 (1700)
43	37.8/38.4 (960/975)	37.8/38.4 (960/975)	40.6/38.6 (1030/980)	40.6/38.6 (1030/980)	41.7/38.6 (1060/980)
44	47.4 (1205)	47.4 (1205)	47.6 (1210)	47.6 (1210)	48.4 (1230)
45	42.5 (1080)	42.5 (1080)	42.5 (1080)	42.5 (1080)	42.5 (1080)
46	42.1 (1070)	42.1 (1070)	43.3 (1100)	43.3 (1100)	43.5 (1105)
47	17.9 (455)	17.9 (455)	19.1 (485)	19.1 (485)	19.3 (490)
48	4.5 (115)	4.5 (115)	5.7 (145)	5.7 (145)	5.9 (150)
49	5.3 (135)	5.3 (135)	6.5 (165)	6.5 (165)	6.7 (170)
50	6.1 (155)	6.1 (155)	7.3 (185)	7.3 (185)	7.5 (190)
51	Drum and Shoe	Drum and Shoe	Drum and Shoe	Drum and Shoe	Drum and Shoe
52	Hand	Hand	Hand	Hand	Hand
53	Full Hydraulic	Full Hydraulic	Full Hydraulic	Full Hydraulic	Full Hydraulic
54	K21	K25	K25	K25	K25
55	55 (41) @ 2700	62.9 (46.9) @ 2700	62.9 (46.9) @ 2700	62.9 (46.9) @ 2700	62.9 (46.9) @ 2700
56	111.4 (151) @ 2000	138.7 (188) @ 1600	138.7 (188) @ 1600	138.7 (188) @ 1600	138.7 (188) @ 1600
57	126 (2065)	151.8 (2488)	151.8 (2488)	151.8 (2488)	151.8 (2488)
58	Automatic	Automatic	Automatic	Automatic	Automatic
59	1/1	1/1	1/1	1/1	1/1

DIMENSIONS



MAST SPECIFICATIONS & RATED CAPACITIES

Mast Name		Maximum Fork Height	Overall Height Lowered	Free Lift*	Tilt Angle Forward/Backward	Rated Capacity 24 in (600 mm) Load Center					
						PF30		PF35		PFS40	
						Single Drive	Dual Drive	Single Drive	Dual Drive	Single Drive	Dual Drive
		in (mm)	in (mm)	in (mm)	degrees	lb (kg)		lb (kg)		lb (kg)	
TWO STAGE (Wide view 2W)	2W270	106 (2700)	72.6 (1845)	6.2 (155)	6/12	3000 (1350)	3000 (1350)	3500 (1600)	3500 (1600)	4000 (1800)	4000 (1800)
	2W300	118 (3000)	78.5 (1995)	6.2 (155)	6/12	3000 (1350)	3000 (1350)	3500 (1600)	3500 (1600)	4000 (1800)	4000 (1800)
	2W330	130 (3300)	84.4 (2145)	6.2 (155)	6/12	3000 (1350)	3000 (1350)	3500 (1600)	3500 (1600)	4000 (1800)	4000 (1800)
	2W350	138 (3500)	89.8 (2285)	6.2 (155)	6/12	3000 (1350)	3000 (1350)	3500 (1600)	3500 (1600)	4000 (1800)	4000 (1800)
	2W370	146 (3700)	94.7 (2405)	6.2 (155)	6/12	3000 (1350)	3000 (1350)	3500 (1600)	3500 (1600)	4000 (1800)	4000 (1800)
	2W400	157 (4000)	102.2 (2600)	6.2 (155)	6/6	3000 (1350)	3000 (1350)	3500 (1600)	3500 (1600)	3850 (1750)	3850 (1750)
	2W450	177 (4500)	112.0 (2845)	6.2 (155)	6/6	2900 (1300)	2900 (1300)	3200 (1450)	3200 (1450)	3450 (1550)	3750 (1700)
	2W500	197 (5000)	121.9 (3100)	6.2 (155)	6/6	2650 (1200)	2800 (1250)	3100 (1400)	3100 (1400)	3200 (1450)	3300 (1500)
TWO STAGE (Full free 2F)	2F300	118 (3000)	78.5 (1995)	53.6 (1360)	6/12	3000 (1350)	3000 (1350)	3500 (1600)	3500 (1600)	4000 (1800)	4000 (1800)
	2F330	130 (3300)	84.4 (2145)	59.5 (1510)	6/12	3000 (1350)	3000 (1350)	3500 (1600)	3500 (1600)	4000 (1800)	4000 (1800)
	2F350	138 (3500)	89.8 (2285)	64.8 (1645)	6/12	3000 (1350)	3000 (1350)	3500 (1600)	3500 (1600)	4000 (1800)	4000 (1800)
	2F370	146 (3700)	94.7 (2405)	69.8 (1770)	6/12	3000 (1350)	3000 (1350)	3400 (1550)	3450 (1550)	3900 (1750)	3950 (1800)
	2F400	157 (4000)	102.2 (2600)	77.2 (1960)	6/6	2900 (1300)	2900 (1300)	3300 (1500)	3350 (1500)	3800 (1700)	3850 (1750)
THREE STAGE (Full free 3F)	3F385	152 (3850)	72.6 (1845)	47.0 (1190)	6/6	2900 (1300)	2950 (1350)	3300 (1500)	3350 (1500)	3850 (1750)	3850 (1750)
	3F430	169 (4300)	78.5 (1995)	52.9 (1340)	6/6	2800 (1250)	2850 (1300)	3200 (1450)	3250 (1450)	3550 (1600)	3750 (1700)
	3F475	187 (4750)	84.4 (2145)	58.8 (1490)	6/6	2700 (1200)	2750 (1250)	3100 (1400)	3150 (1450)	3450 (1550)	3450 (1550)
	3F515	203 (5150)	89.8 (2285)	64.1 (1625)	6/6	2600 (1200)	2650 (1200)	2800 (1250)	2950 (1350)	3150 (1450)	3150 (1450)
	3F550	217 (5500)	94.7 (2405)	69.0 (1750)	6/6	2350 (1050)	2550 (1150)	2600 (1200)	2800 (1250)	2700 (1200)	2700 (1200)
	3F600	236 (6000)	102.2 (2600)	76.5 (1940)	6/6	1300 (600)	2150 (950)	1500 (700)	2300 (1050)	1800 (800)	2400 (1100)
	3F650	256 (6500)	112.0 (2845)	86.3 (2190)	6/6	1200 (550)	1500 (700)	1400 (650)	1500 (700)	1700 (750)	1750 (800)
	3F700	276 (7000)	121.9 (3100)	96.2 (2440)	6/6	1100 (500)	1300 (600)	1300 (600)	1400 (650)	1600 (750)	1650 (750)
THREE STAGE OPTVIEW® (3V)	3V360	142 (3600)	72.6 (1845)	48.4 (1225)	6/6	2900 (1300)	2900 (1300)	3300 (1500)	3350 (1500)	3700 (1700)	3700 (1700)
	3V405	159 (4050)	78.5 (1995)	54.3 (1375)	6/6	2800 (1250)	2800 (1250)	3200 (1450)	3250 (1450)	3550 (1600)	3550 (1600)
	3V450	177 (4500)	84.4 (2145)	60.2 (1525)	6/6	2700 (1200)	2700 (1200)	3100 (1400)	3150 (1450)	3450 (1550)	3450 (1550)
	3V490	193 (4900)	89.8 (2285)	65.5 (1660)	6/6	2600 (1200)	2600 (1200)	2800 (1250)	2900 (1300)	3150 (1450)	3150 (1450)
	3V525	207 (5250)	94.7 (2405)	70.4 (1785)	6/6	2350 (1050)	2500 (1150)	2600 (1200)	2700 (1200)	2700 (1200)	2700 (1200)
	3V575	226 (5750)	102.2 (2600)	77.9 (1975)	6/6	1300 (600)	2100 (950)	1500 (700)	1700 (750)	1800 (800)	2000 (900)
	3V633	249 (6330)	112.0 (2845)	87.8 (2230)	6/6	1200 (550)	1300 (600)	1400 (650)	1500 (700)	1700 (750)	1750 (800)

*Without LBR

Mast Name		Maximum Fork Height	Overall Height Lowered	Free Lift*	Tilt Angle Forward/Backward	Rated Capacity 24 in (600 mm) Load Center	
						PF40/PFU40	
						Single Drive	Dual Drive
		in (mm)	in (mm)	in (mm)	degrees	lb (kg)	
TWO STAGE (Wide view 2W)	2W270	106 (2700)	72.6 (1845)	6.1 (150)	6/12	4000 (1800)	4000 (1800)
	2W300	118 (3000)	78.5 (1995)	6.1 (150)	6/12	4000 (1800)	4000 (1800)
	2W330	130 (3300)	84.4 (2145)	6.1 (150)	6/12	4000 (1800)	4000 (1800)
	2W350	138 (3500)	89.8 (2285)	6.1 (150)	6/12	4000 (1800)	4000 (1800)
	2W370	146 (3700)	94.7 (2405)	6.1 (150)	6/12	4000 (1800)	4000 (1800)
	2W400	157 (4000)	102.2 (2600)	6.1 (150)	6/6	4000 (1800)	4000 (1800)
	2W450	177 (4500)	112.0 (2845)	6.1 (150)	6/6	3850 (1750)	3850 (1750)
	2W500	197 (5000)	121.9 (3100)	6.1 (150)	6/6	3450 (1550)	3700 (1700)
TWO STAGE (Full free 2F)	2F300	118 (3000)	78.5 (1995)	53.5 (1355)	6/12	4000 (1800)	4000 (1800)
	2F330	130 (3300)	84.4 (2145)	59.4 (1505)	6/12	4000 (1800)	4000 (1800)
	2F350	138 (3500)	89.8 (2285)	64.7 (1640)	6/12	4000 (1800)	4000 (1800)
	2F370	146 (3700)	94.7 (2405)	69.6 (1765)	6/12	4000 (1800)	4000 (1800)
	2F400	157 (4000)	102.2 (2600)	77.1 (1955)	6/6	3950 (1800)	4000 (1800)
THREE STAGE (Full free 3F)	3F385	152 (3850)	72.6 (1845)	47.2 (1195)	6/6	4000 (1800)	4000 (1800)
	3F430	169 (4300)	78.5 (1995)	53.1 (1345)	6/6	3850 (1750)	3900 (1750)
	3F475	187 (4750)	84.4 (2145)	59.0 (1495)	6/6	3700 (1700)	3750 (1700)
	3F515	203 (5150)	89.8 (2285)	64.3 (1630)	6/6	3300 (1500)	3650 (1650)
	3F550	217 (5500)	94.7 (2405)	69.2 (1755)	6/6	2950 (1350)	3550 (1600)
	3F600	236 (6000)	102.2 (2600)	76.7 (1945)	6/6	1900 (850)	3400 (1550)
	3F650	256 (6500)	112.0 (2845)	86.5 (2195)	6/6	1800 (800)	3250 (1450)
	3F700	276 (7000)	121.9 (3100)	96.4 (2445)	6/6	700 (300)	2400 (1100)
THREE STAGE OPTVIEW® (3V)	3V360	142 (3600)	72.8 (1850)	47.2 (1195)	6/6	3900 (1750)	3900 (1750)
	3V405	159 (4050)	78.7 (2000)	53.1 (1345)	6/6	3700 (1700)	3750 (1700)
	3V450	177 (4500)	84.6 (2150)	59.0 (1495)	6/6	3600 (1650)	3650 (1650)
	3V490	193 (4900)	90.0 (2290)	64.3 (1630)	6/6	3300 (1500)	3400 (1550)
	3V525	207 (5250)	94.9 (2415)	69.2 (1755)	6/6	3000 (1350)	3200 (1450)
	3V575	226 (5750)	102.4 (2605)	76.7 (1945)	6/6	2500 (1150)	2900 (1300)
	3V633	249 (6330)	112.2 (2850)	86.5 (2195)	6/6	2300 (1050)	2500 (1150)
	3V688	271 (6880)	122.0 (3100)	96.4 (2445)	6/6	1900 (850)	2200 (1000)

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Name		Maximum Fork Height	Overall Height Lowered	Free Lift*	Tilt Angle Forward/ Backward	Rated Capacity 24 in (600 mm) Load Center	
						PF50/PFU50	
						Single Drive	Dual Drive
		in (mm)	in (mm)	in (mm)	degrees	lb (kg)	
TWO STAGE (Wide view 2W)	2W270	106 (2700)	72.6 (1845)	6.1 (150)	6/12	5000 (2250)	5000 (2250)
	2W300	118 (3000)	78.5 (1995)	6.1 (150)	6/12	5000 (2250)	5000 (2250)
	2W330	130 (3300)	84.4 (2145)	6.1 (150)	6/12	5000 (2250)	5000 (2250)
	2W350	138 (3500)	89.8 (2285)	6.1 (150)	6/12	5000 (2250)	5000 (2250)
	2W370	146 (3700)	94.7 (2405)	6.1 (150)	6/12	5000 (2250)	5000 (2250)
	2W400	157 (4000)	102.2 (2600)	6.1 (150)	6/6	5000 (2250)	5000 (2250)
	2W450	177 (4500)	112.0 (2845)	6.1 (150)	6/6	4400 (2000)	4850 (2200)
	2W500	197 (5000)	121.9 (3100)	6.1 (150)	6/6	3700 (1700)	4650 (2100)
TWO STAGE (Full free 2F)	2F300	118 (3000)	78.5 (1995)	53.5 (1355)	6/12	5000 (2250)	5000 (2250)
	2F330	130 (3300)	84.4 (2145)	59.4 (1505)	6/12	5000 (2250)	5000 (2250)
	2F350	138 (3500)	89.8 (2285)	64.7 (1640)	6/12	5000 (2250)	5000 (2250)
	2F370	146 (3700)	94.7 (2405)	69.6 (1765)	6/12	5000 (2250)	5000 (2250)
	2F400	157 (4000)	102.2 (2600)	77.1 (1955)	6/6	4950 (2250)	5000 (2250)
THREE STAGE (Full free 3F)	3F385	152 (3850)	72.6 (1845)	47.2 (1195)	6/6	5000 (2250)	5000 (2250)
	3F430	169 (4300)	78.5 (1995)	53.1 (1345)	6/6	4700 (2150)	4900 (2200)
	3F475	187 (4750)	84.4 (2145)	59.0 (1495)	6/6	4300 (1950)	4750 (2150)
	3F515	203 (5150)	89.8 (2285)	64.3 (1630)	6/6	3650 (1650)	4600 (2100)
	3F550	217 (5500)	94.7 (2405)	69.2 (1755)	6/6	3350 (1500)	4450 (2000)
	3F600	236 (6000)	102.2 (2600)	76.7 (1945)	6/6	2100 (950)	4300 (1950)
	3F650	256 (6500)	112.0 (2845)	86.5 (2195)	6/6	2000 (900)	3850 (1750)
	3F700	276 (7000)	121.9 (3100)	96.4 (2445)	6/6	700 (300)	2600 (1200)
THREE STAGE OPTVIEW® (3V)	3V360	142 (3600)	72.8 (1850)	47.2 (1195)	6/6	4900 (2200)	4900 (2200)
	3V405	159 (4050)	78.7 (2000)	53.1 (1345)	6/6	4700 (2150)	4750 (2150)
	3V450	177 (4500)	84.6 (2145)	59.0 (1495)	6/6	4300 (1950)	4500 (2050)
	3V490	193 (4900)	90.0 (2290)	64.3 (1630)	6/6	3900 (1750)	4300 (1950)
	3V525	207 (5250)	94.9 (2415)	69.2 (1755)	6/6	3500 (1600)	4000 (1800)
	3V575	226 (5750)	102.4 (2605)	76.7 (1945)	6/6	3000 (1350)	3900 (1750)
	3V633	249 (6330)	112.2 (2850)	86.5 (2195)	6/6	2600 (1200)	3500 (1600)
	3V688	271 (6880)	122.0 (3100)	96.4 (2445)	6/6	2300 (1050)	2500 (1150)

*Without LBR

Mast Name		Maximum Fork Height	Overall Height Lowered	Free Lift*	Tilt Angle Forward/ Backward	Rated Capacity 24 in (600 mm) Load Center	
						PF55	
						Single Drive	Dual Drive
		in (mm)	in (mm)	in (mm)	degrees	lb (kg)	
TWO STAGE (Wide view 2W)	2W270	106 (2700)	73.8 (1875)	6.1 (150)	6/12	5500 (2500)	5500 (2500)
	2W300	118 (3000)	79.7 (2025)	6.1 (150)	6/12	5500 (2500)	5500 (2500)
	2W330	130 (3300)	85.6 (2175)	6.1 (150)	6/12	5500 (2500)	5500 (2500)
	2W350	138 (3500)	90.9 (2310)	6.1 (150)	6/12	5500 (2500)	5500 (2500)
	2W370	146 (3700)	95.9 (2440)	6.1 (150)	6/12	5500 (2500)	5500 (2500)
	2W400	157 (4000)	103.3 (2625)	6.1 (150)	6/6	5500 (2500)	5500 (2500)
	2W450	177 (4500)	113.2 (2880)	6.1 (150)	6/6	5300 (2400)	5300 (2400)
	2W500	197 (5000)	123.0 (3125)	6.1 (150)	6/6	4300 (1950)	5200 (2350)
TWO STAGE (Full free 2F)	2F300	118 (3000)	79.7 (2025)	53.8 (1365)	6/12	5500 (2500)	5500 (2500)
	2F330	130 (3300)	85.6 (2175)	59.7 (1515)	6/12	5500 (2500)	5500 (2500)
	2F350	138 (3500)	90.9 (2310)	65.1 (1650)	6/12	5500 (2500)	5500 (2500)
	2F370	146 (3700)	95.9 (2440)	70.0 (1775)	6/12	5500 (2500)	5500 (2500)
	2F400	157 (4000)	103.3 (2625)	77.5 (1965)	6/6	5500 (2500)	5500 (2500)
	2F450	177 (4500)	113.2 (2880)	77.5 (1965)	6/6	5500 (2500)	5500 (2500)
THREE STAGE (Full free 3F)	3F385	152 (3850)	79.7 (2025)	55.7 (1410)	6/6	5500 (2500)	5500 (2500)
	3F430	169 (4300)	85.6 (2175)	61.6 (1560)	6/6	5300 (2400)	5300 (2400)
	3F475	187 (4750)	90.9 (2310)	66.9 (1695)	6/6	5100 (2300)	5100 (2300)
	3F515	203 (5150)	95.9 (2440)	71.8 (1820)	6/6	4000 (1800)	4900 (2200)
	3F550	217 (5500)	103.3 (2625)	79.3 (2010)	6/6	3200 (1450)	4800 (2200)
	3F600	236 (6000)	113.2 (2880)	89.1 (2260)	6/6	2300 (1050)	4600 (2100)
	3F650	256 (6500)	123.0 (3125)	99.0 (2510)	6/6	1100 (500)	4100 (1850)
	3F700	276 (7000)	132.9 (3380)	108.8 (2760)	6/6	550 (250)	3000 (1350)
THREE STAGE OPTVIEW® (3V)	3V385	152 (3850)	79.7 (2025)	55.7 (1410)	6/6	5450 (2450)	5450 (2450)
	3V430	169 (4300)	85.6 (2175)	61.6 (1560)	6/6	5300 (2400)	5300 (2400)
	3V470	185 (4700)	90.9 (2310)	66.9 (1695)	6/6	5000 (2250)	5000 (2250)
	3V505	199 (5050)	95.9 (2440)	71.8 (1820)	6/6	3750 (1700)	4900 (2200)
	3V555	219 (5550)	103.3 (2625)	79.3 (2010)	6/6	2800 (1250)	4700 (2150)
	3V600	236 (6000)	113.2 (2880)	89.1 (2260)	6/6	1850 (850)	4500 (2050)
	3V650	256 (6500)	123.0 (3125)	99.0 (2510)	6/6	1200 (550)	4000 (1800)
	3V700	276 (7000)	132.9 (3380)	108.8 (2760)	6/6	650 (300)	3400 (1550)

*Without LBR

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Name		Maximum Fork Height	Overall Height Lowered	Free Lift*	Tilt Angle Forward/ Backward	Rated Capacity 24 in (600 mm) Load Center	
						PF60	
						Single Drive	Dual Drive
		in (mm)	in (mm)	in (mm)	degrees	lb (kg)	
TWO STAGE (Wide view 2W)	2W270	106 (2700)	73.8 (1875)	6.5 (165)	6/12	6000 (2700)	6000 (2700)
	2W300	118 (3000)	79.7 (2028)	6.5 (165)	6/12	6000 (2700)	6000 (2700)
	2W330	130 (3300)	85.6 (2175)	6.5 (165)	6/12	6000 (2700)	6000 (2700)
	2W350	138 (3500)	90.9 (2310)	6.5 (165)	6/12	6000 (2700)	6000 (2700)
	2W370	146 (3700)	95.9 (2440)	6.5 (165)	6/12	6000 (2700)	6000 (2700)
	2W400	157 (4000)	103.3 (2625)	6.5 (165)	6/6	6000 (2700)	6000 (2700)
	2W450	177 (4500)	113.2 (2880)	6.5 (165)	6/6	5600 (2550)	5900 (2700)
	2W500	197 (5000)	123.0 (3125)	6.5 (165)	6/6	5150 (2300)	5700 (2600)
TWO STAGE (Full free 2F)	2F300	118 (3000)	79.7 (2025)	53.4 (1355)	6/12	6000 (2700)	6000 (2700)
	2F330	130 (3300)	85.6 (2175)	59.3 (1505)	6/12	6000 (2700)	6000 (2700)
	2F350	138 (3500)	90.9 (2310)	64.6 (1635)	6/12	6000 (2700)	6000 (2700)
	2F370	146 (3700)	95.9 (2440)	70.0 (1775)	6/12	6000 (2700)	6000 (2700)
	2F400	157 (4000)	103.3 (2625)	77.0 (1955)	6/6	5950 (2700)	6000 (2700)
THREE STAGE (Full free 3F)	3F385	152 (3850)	79.7 (2028)	54.8 (1390)	6/6	6000 (2700)	6000 (2700)
	3F430	169 (4300)	85.6 (2175)	60.7 (1540)	6/6	5800 (2650)	5800 (2650)
	3F475	187 (4750)	90.9 (2310)	66.0 (1675)	6/6	5600 (2550)	5650 (2550)
	3F515	203 (5150)	95.9 (2440)	70.9 (1800)	6/6	4700 (2150)	5450 (2450)
	3F550	217 (5500)	103.3 (2625)	78.4 (1990)	6/6	3700 (1700)	5300 (2400)
	3F600	236 (6000)	113.2 (2880)	88.2 (2240)	6/6	2650 (1200)	5100 (2300)
	3F650	256 (6500)	123.0 (3125)	98.1 (2490)	6/6	1500 (700)	4550 (2050)
	3F700	276 (7000)	132.9 (3380)	107.9 (2740)	6/6	1000 (450)	3000 (1350)
THREE STAGE OPTVIEW® (3V)	3V385	152 (3850)	79.7 (2028)	54.8 (1390)	6/6	5950 (2700)	5950 (2700)
	3V430	169 (4300)	85.6 (2175)	60.7 (1540)	6/6	5750 (2650)	5750 (2600)
	3V470	185 (4700)	90.9 (2310)	66.0 (1675)	6/6	5500 (2500)	5550 (2500)
	3V505	199 (5050)	95.9 (2440)	70.9 (1800)	6/6	4700 (2150)	5450 (2450)
	3V555	219 (5550)	103.3 (2625)	78.4 (1990)	6/6	3700 (1700)	5300 (2400)
	3V600	236 (6000)	113.2 (2880)	88.2 (2240)	6/6	2600 (1200)	5000 (2250)
	3V650	256 (6500)	123.0 (3125)	98.1 (2490)	6/6	1400 (650)	4500 (2050)
	3V700	276 (7000)	132.9 (3380)	107.9 (2740)	6/6	1000 (450)	3000 (1350)

*Without LBR

Mast Name		Maximum Fork Height	Overall Height Lowered	Free Lift*	Tilt Angle Forward/ Backward	Rated Capacity 24 in (600 mm) Load Center	
						PF70	
						Single Drive	Dual Drive
		in (mm)	in (mm)	in (mm)	degrees	lb (kg)	
TWO STAGE (Wide view 2W)	2W300	118 (3000)	85.8 (2180)	6.5 (165)	6/12	7000 (3150)	7000 (3150)
	2W330	130 (3300)	91.1 (2315)	6.5 (165)	6/12	7000 (3150)	7000 (3150)
	2W350	138 (3500)	96.1 (2445)	6.5 (165)	6/12	7000 (3150)	7000 (3150)
	2W370	146 (3700)	103.5 (2630)	6.5 (165)	6/12	7000 (3150)	7000 (3150)
	2W400	157 (4000)	113.4 (2885)	6.5 (165)	6/6	6900 (3100)	7000 (3150)
	2W450	177 (4500)	123.2 (3130)	6.5 (165)	6/6	6800 (3050)	6900 (3100)
	2W500	197 (5000)	133.1 (3385)	6.5 (165)	6/6	6600 (2950)	6700 (3000)
TWO STAGE (Full free 2F)	2F300	118 (3000)	85.8 (2180)	57 (1445)	6/12	7000 (3150)	7000 (3150)
	2F330	130 (3300)	91.1 (2315)	62 (1570)	6/12	7000 (3150)	7000 (3150)
	2F350	138 (3500)	96.1 (2445)	67 (1700)	6/12	7000 (3150)	7000 (3150)
	2F370	146 (3700)	103.5 (2630)	74 (1875)	6/12	7000 (3150)	7000 (3150)
	2F400	157 (4000)	113.4 (2885)	84 (2130)	6/6	6900 (3100)	7000 (3150)
THREE STAGE (Full free 3F)	3F355	140 (3550)	74.2 (1885)	43.5 (1100)	6/6	7000 (3150)	7000 (3150)
	3F400	157 (4000)	80.1 (2035)	49.4 (1250)	6/6	7000 (3150)	7000 (3150)
	3F445	175 (4450)	86.0 (2185)	55.4 (1405)	6/6	6800 (3050)	6800 (3050)
	3F485	191 (4850)	91.3 (2320)	60.7 (1540)	6/6	6600 (2950)	6600 (2950)
	3F520	205 (5200)	96.3 (2450)	65.6 (1665)	6/6	6300 (2800)	6400 (2850)
	3F570	224 (5700)	103.7 (2635)	73.1 (1855)	6/6	5300 (2400)	6000 (2700)
	3F620	244 (6200)	113.6 (2890)	82.9 (2105)	6/6	3500 (1600)	4000 (1800)
	3F670	264 (6700)	123.4 (3135)	92.8 (2355)	6/6	2500 (1150)	3000 (1350)
THREE STAGE OPTVIEW® (3V)	3V385	152 (3850)	80.1 (2035)	49.4 (1250)	6/6	7000 (3150)	7000 (3150)
	3V430	169 (4300)	86.0 (2185)	55.4 (1405)	6/6	6900 (3100)	6900 (3100)
	3V470	185 (4700)	91.3 (2320)	60.7 (1540)	6/6	6700 (3000)	6700 (3000)
	3V505	199 (5050)	96.3 (2450)	65.6 (1665)	6/6	6500 (2900)	6500 (2900)
	3V555	219 (5550)	103.7 (2635)	73.1 (1855)	6/6	6200 (2800)	6300 (2800)
	3V600	236 (6000)	113.6 (2890)	82.9 (2105)	6/6	4400 (2000)	5000 (2250)
	3V650	256 (6500)	123.4 (3135)	92.8 (2355)	6/6	3200 (1450)	4500 (2050)
	3V700	276 (7000)	133.3 (3390)	102.6 (2605)	6/6	3000 (1350)	4000 (1800)

*Without LBR

VEHICLE MANAGEMENT

- Vehicle Control Module (VCM)
- Operator security PIN access
- Interactive LCD meter panel
 - Hour meter, clock, calendar
 - On-board diagnostics
 - Programmable service reminders
 - Warning lights (oil pressure, transmission fluid, low coolant)
 - Speedometer & F/N/R transmission indicator
 - *LPMax* low fuel warning (LP/Dual Fuel)
 - Fuel gauge
 - Water temperature gauge

POWERTRAIN / FUEL SYSTEM

- K21 & K25 electronic fuel injected industrial engines
- Electronic engine control system
- Three-way catalytic converter
- Swing-out LP bracket¹
- Maximum travel speed control

BRAKE

- Parking brake with warning buzzer
- Parking brake with transmission interlock

MAST / HYDRAULIC SYSTEM

- Seat-actuated auto-mast lock system
- High visibility carriage¹
- Three-spool control valve with pressure relief

OPERATOR CONVENIENCES

- Full suspension seat with weight & lumbar adjustment
- Overhead guard-mounted LED headlights
- Adjustable tilt steering wheel with memory lever

PROTECTION / SECURITY

- Operator Presence System
 - Auto-mast lock
 - Return-to-neutral
 - Parking brake with warning buzzer
- Horn
- Back-up alarm
- Cushioned stability control
- Five-piece overhead guard

OPTIONAL EQUIPMENT

- *SmoothShift* System
- Starter interlock (low LP)
- Travel speed control (high/low speed selector)²
- Controlled acceleration (power/economy selector)²
- Radiator screen
- Open core radiator
- Air intake pre-cleaner
- Diffusion exhaust muffler
- Swing-down LP bracket¹
- OptiView three-stage mast
- Separate lift & tilt control levers (no charge)
- Electronic fingertip hydraulic controls (seat-mounted)¹
- Automatic fork leveling¹
- Sideshifters (integral or hang-on)
- Tilt cylinder boots & covers
- Bottler's tilt
- Rearview mirrors (glass or impact resistant)
- Rear LED combination light package (turn, stop, back-up)
- Reverse-activated rear LED drive light
- Secure rear grip with horn button¹
- Seatbelt interlocks
- UL safety rating¹
- Self-adjusting back-up alarm
- Fire extinguisher
- Strobe lights
- Rotating beacons
- Steering wheel with spinner knob

¹ Available on select models. Contact your UniCarriers dealer for details.

² Features can be combined. Available with rocker or key switch. Select 'Economy setting always on' for greatest fuel savings.

ERGONOMICS & COMFORT

The Platinum II Series offers a variety of operator conveniences for greater productivity including standard full suspension seat for enhanced shock absorption. Seat includes lumbar support adjustment, weight-adjustment plus operator restraint armrests. Non-cinching seat belt provides greater range of movement. Adjustable tilt steering column includes memory lever. Operator Presence System has Return-to-Neutral and Auto-Mast Lock (automatically locking mast lift and tilt when the operator leaves the seat). Audible and visual warnings notify operator if seat belt is not engaged while traveling, or if parking brake is not applied before exiting truck. Floating powertrain includes four independent dampers to reduce vibrations that can cause operator fatigue.

Compact front cowl offers generous leg and foot room. Low profile design provides ample head clearance. Optional secure assist grip is mounted to the rear, right pillar, keeping the operator's hand safely inside the compartment during reverse travel. Can be purchased with an optional swivel seat* that pivots 15° to left and right. [Reduces headroom by 1" (25mm)]. Hydrostatic power steering system reduces operator effort for easier maneuvering and less fatigue. Automotive-style levers simplify repetitive actions for greater operator focus. Exclusive single hydraulic control lever design combines lift and tilt operations into one fluid motion for greater productivity. Separate control levers available at no charge. Optional auto-tilt leveling system assists operator during mast/fork positioning. Optional fingertip control levers with adjustable armrest* provide enhanced comfort.

EFFICIENCY & CONTROL

Welded metal assist grip combined with replaceable metal traction plate bolted to a wide, low entry step, provide secure footing and grip for this often-repeated task. Small steering wheel delivers control and provides operator with clear view of meter panel with visibility to warnings and indicators.

Control of maximum travel speed is adjustable through the meter panel by a trained service technician. Optional Power/Economy controlled acceleration mode adjusts throttle sensitivity to increase fuel efficiency, extend drivetrain life and reduce excessive tire wear. An optional LP tank holder swings out 90°, then pulls down to a manageable height, requiring less force for simplified change out.

Maintenance-free cushioned stability control with rubber dampers located between rear axle and body enhance lateral stability under normal driving conditions.

*Available on select models.

LEGENDARY K-SERIES INDUSTRIAL ENGINES

Platinum II cushion tire models are powered by GCT K21 (2.1 l) and K25 (2.5 l) electronically controlled fuel injected industrial engines which include a bottom-bypass design with thermostat to eliminate hot spots during start up and prolong engine life. Designed and tested specifically for industrial applications, K21 and K25 engines deliver power and torque (in the low rpm range) more efficiently. An engine protection and warning system is standard, reducing speed in case of excessive heat generation or oil pressure loss. System includes three main components [Engine Control Module (ECM), Vehicle Control Module (VCM), and Multi-function LCD]. The ECM analyzes engine performance parameters and optimizes engine operation for enhanced productivity and lower fuel consumption. The ECM responds to sensor input by controlling basic engine-related functions (proper air/fuel ratio, torque and speed) based on application requirements. The VCM monitors sensors for changing conditions, alerting operator through warning indicators located on the meter panel. Communication among these components occurs through a Controller Area Network (CAN) system.

LOW EMISSIONS

UCA's global commitment to preserving and protecting the environment is evident in our low emission engines. K21/K25 engines include a three-way catalytic muffler and an automotive-type, closed-loop design, providing cleaner exhaust emissions through lower CO (Carbon Monoxide) and combined HC+NOx (Greenhouse Gases) levels. Operators will experience low noise levels during idle and while driving at maximum travel speeds.

LOWER OPERATING COSTS

No tools are required to remove the one-piece diamond tread floorboard, promoting fast, simple access to hydraulic and other serviceable components. Detachable side panels and a wide-open hood provide a roomy area for service technicians. Unique five-piece overhead guard simplifies replacement of individual components if necessary, saving time and money. An opening in the dash panel allows for fast brake fluid level checks. Multi-function LCD panel with on-board diagnostics reduces service time. Programmable service reminder settings keep periodic/planned maintenance on schedule.



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