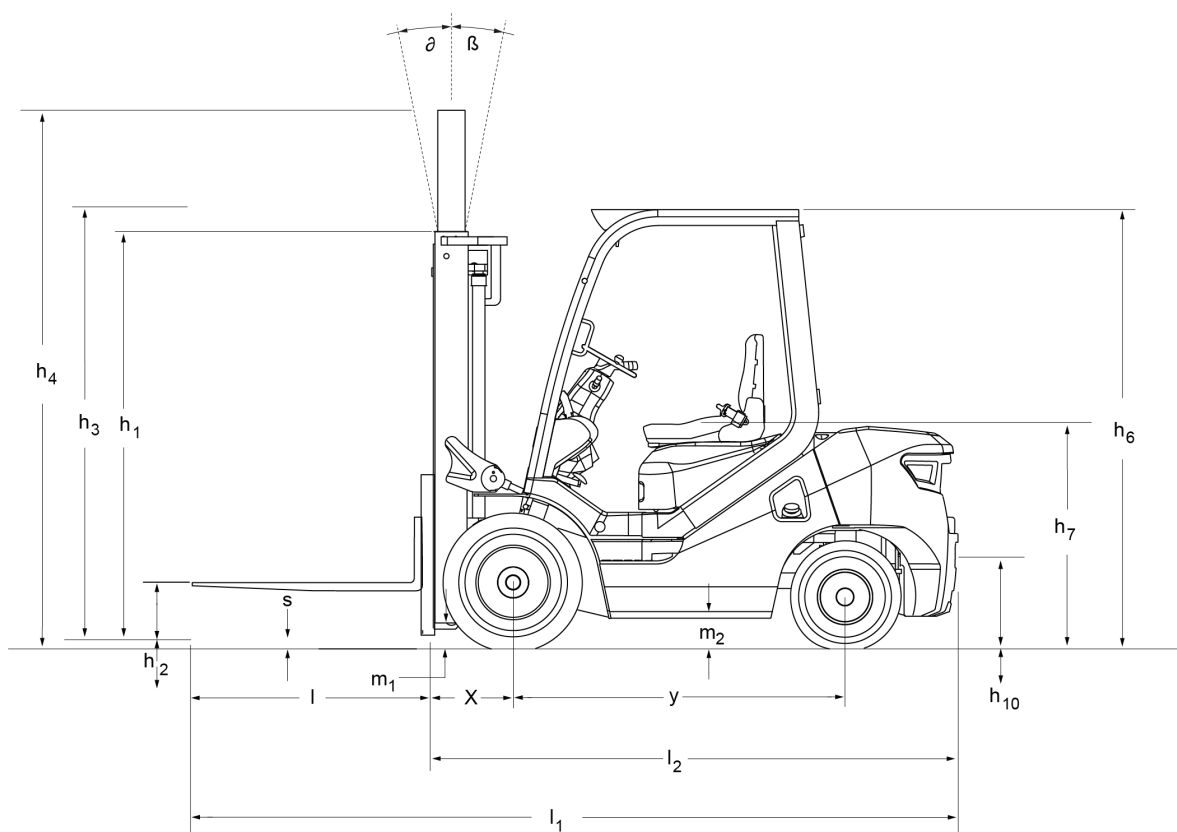
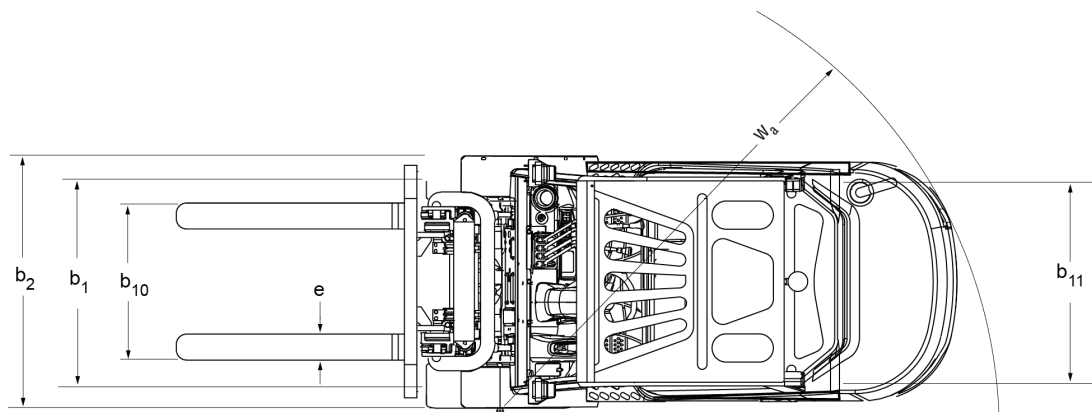




GP20-35UX SERIES

INTERNAL COMBUSTION COUNTERBALANCE FORKLIFT TECHNICAL SPECIFICATIONS

DIAGRAM



TECHNICAL DATA

Specifications Table GP20UX

	1.2	MODEL DESIGNATION		GDP20UX	GDP20UX	GLP20UX	GLP20UX	GLP20UX
General	1.1	Manufacturer		Yale	Yale	Yale	Yale	Yale
	1.3	Drive		DIESEL	DIESEL	LPG	LPG	BI-FUEL
	1.4	Operator type		Seated	Seated	Seated	Seated	Seated
	1.5	Rated capacity/rated load	Q (kg)	2000	2000	2000	2000	2000
	1.6	Load Center Distance	c (mm)	500	500	500	500	500
	1.8	Load Face - Fork Face STD Carriage (mm)	x (mm)	475	475	475	475	475
	1.9	Wheelbase (mm)	y (mm)	1600	1600	1600	1600	1600
Weight	2.1	Service weight	kg	3390	3390	3390	3390	3390
	2.2	Axle loading, laden front/rear	kg	4760 / 630	4760 / 630	4760 / 630	4760 / 630	4760 / 630
	2.3	Axle loading, unladen front/rear	kg	1540 / 1850	1540 / 1850	1540 / 1850	1540 / 1850	1540 / 1850
Wheels	3.1	Tyres: L = pneumatic, V = cushion, SE = superelastic		L	L	L	L	L
	3.2	Tire Size, Front		7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR
	3.3	Tire Size, Rear		6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR
	3.5	Wheels, Number Front/Rear (x=drive wheels)		2X/2	2X/2	2X/2	2X/2	2X/2
	3.6	Standard Tread Width, Front (mm)	b10 (mm)	970	970	970	970	970
	3.7	Standard Tread Width, Rear (mm)	b11 (mm)	980	980	980	980	980
Dimensions	4.1	Tilt of mast/fork carriage, forward /backward	α / β (°)	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12
	4.2	2LFL Mast Lowered (mm)	h1 (mm)	2010	2010	2010	2010	2010
	4.3	2LFL Free Lift - BOF (mm)	h2 (mm)	160	160	160	160	160
	4.4	2LFL Lift - BOF (mm)	h3 (mm)	3000	3000	3000	3000	3000
	4.5.1	Height Mast Extended w/o LBR (mm)	h4 (mm)	3575	3575	3575	3575	3575
	4.7	Height of overhead guard (high/low)	h6 (mm)	2180	2180	2180	2180	2180
	4.7.1	Height of Enclosed Cab (mm)	mm	2205	2205	2205	2205	2205
	4.8	Seat height/stand height(SIP from Ground - Standard (mm))	h7 (mm)	1167	1167	1167	1167	1167
	4.9	Headroom - SIP to bottom of OHG (mm)	mm	1002	1002	1002	1002	1002
	4.12	Coupling Height from Ground (mm)	h10 (mm)	250	250	250	250	250
	4.19	Overall Length (mm)	l1 (mm)	3630	3630	3630	3630	3630
	4.2	Length to Face of Forks Standard Carriage (mm)	l2 (mm)	2560	2560	2560	2560	2560
	4.21	Overall Width STD Tire (mm)	b1 (mm)	1150	1150	1150	1150	1150
	4.21.1	Overall Width Dual Tire (mm)		1590	1590	1590	1590	1590
	4.22	Fork dimensions	s / e / l (mm)	40 / 122 / 1070	40 / 122 / 1070	40 / 122 / 1070	40 / 122 / 1070	40 / 122 / 1070
	4.23	Fork carriage ISO 2328. Class/type, A/B		IIA	IIA	IIA	IIA	IIA
	4.24	Fork Carriage Width	b3 (mm)	1040	1040	1040	1040	1040
	4.31	Ground clearance, laden, below mast	m1 (mm)	125	125	125	125	125
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	150	150	150	150	150
	4.34.1	Aisle width with pallets 1000mm x 1200mm crossways (l6 x b12)	Ast (mm)	3966	3966	3966	3966	3966
	4.34.2	Aisle width with pallets 800mm x 1200mm crossways (l6 x b12)	Ast (mm)	3766	3766	3766	3766	3766
	4.35	Outside Turning Radius	Wa (mm)	2290	2290	2290	2290	2290

	1.2	MODEL DESIGNATION		GDP20UX	GDP20UX	GLP20UX	GLP20UX	GLP20UX
	4.36	Internal Turing Radius	b13 (mm)	745	745	745	745	745
Performance	5.1	Travel speed, laden/unladen	km/h	19/19	19/19	18/18	18/18	18/18
	5.2	Lifting speed, laden/unladen,2LFL	mm/s	0.54/0.57	0.54/0.57	0.49/0.52	0.49/0.52	0.49/0.52
	5.3	Lowering speed laden/unladen, 2LFL	mm/s	0.43/0.40	0.43/0.40	0.43/0.40	0.43/0.40	0.43/0.40
	5.5	Maximum drawbar pull with/without load	N	12774/8761	18400/18400	23300/11000	23950/22100	22055/20350
	5.6.1	Drawbar pull with/without load, @ 1.6km/h	N	12500/10500	15640/15640	19300/14500	206600/19290	18850/17600
	5.6.2	Drawbar pull with/without load, @ 4.8km/h	N	8879/7544	11700/11700	14600/13000	15110/14520	13510/13020
	5.7.1	Gradeability with/without load, @ 1.6km/h	%	20/25	24/26	35/35	35/35	35/35
	5.7.2	Gradeability with/without load @ 4.8km/h	%	18/22.4	20/25	25/25	25/25	25/25
	5.9.1	Acceleration Time Laden/Unladen 15m	s	4.6/4.5	4.5/4.4	5.0/4.0	tbc	tbc
	5.1	Service Brake		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Combustion Engine	7.1	Engine		Yanmar 2.6L	Xinchai 2.67L	Xinchai 2.7L	Yanmar 2.2L	Yanmar 2.2L
	7.2	Engine Power	Kw	32,8	36,8	41	41,7	LPG: 38.9/GAS: 38.7
	7.3	Rated Speed	min-1	2450	2500	2500	2500	2500
	7.4	Number of cylinders		4	4	4	4	4
	7.4	Number of Cylinder Displacement	cm3	2659	2670	2670	2189	2189
	7.5	Fuel Consumption according to VDI cycle	kg/h	2,6	tbc	4	tbc	tbc
Additional Data	8.1	Type of Drive		Automatic	Automatic	Automatic	Automatic	Automatic
	10.1	Operating Pressure of Attachments	bar	0-175	0-175	0-175	0-175	0-175
	10.2	Oil Volume Flow for Attachements	ℓ/min	64	64	64	64	64
	10.3	Hydraulic Oil Tank Capacity - Initiat Fill	ℓ	60	60	60	60	60
	10.4.2	Fuel Tank Capacity	ℓ	60	60	60	60	60
	10.7.1	Sound Pressure at Driver's Ear OHG	dBa	84	84	85	tbc	tbc
	10.7.3	Sound Power Level during EN12053 Work Cycle	dBa	104	104	100	tbc	tbc
	10.8	Towing Couple Type		PIN	PIN	PIN	PIN	PIN

(4.5.1) Without load backrest.

(4.7) h6 subject to +/- 5mm tolerance.

(4.8) Full suspension seat in depressed position.

(4.24) Add 32mm with load backrest.

(10.2) Variable.

(10.7.3) LPAZ, measured according to the test cycles and based on the weighting values contained in EN12053. Specification data is based on VDI 2198, with the following configuration: Complete truck with 3000mm 2-stage limited free lift mast, standard carriage and 1070mm forks, overhead guard and standard pneumatic drive and steer tyres.

Specifications Table GP25UX

	1.2	MODEL DESIGNATION		GDP25UX	GDP25UX	GLP25UX	GLP25UX	GLP25UX
General	1.1	Manufacturer		Yale	Yale	Yale	Yale	Yale
	1.3	Drive		DIESEL	DIESEL	LPG	LPG	BI-FUEL
	1.4	Operator type		Seated	Seated	Seated	Seated	Seated
	1.5	Rated capacity/rated load	Q (kg)	2500	2500	2500	2500	2500
	1.6	Load Center Distance	c (mm)	500	500	500	500	500
	1.8	Load Face - Fork Face STD Carriage (mm)	x (mm)	475	475	475	475	475
	1.9	Wheelbase (mm)	y (mm)	1600	1600	1600	1600	1600
Weight	2.1	Service weight	kg	3650	3650	3650	3650	3650

	1.2	MODEL DESIGNATION		GDP25UX	GDP25UX	GLP25UX	GLP25UX	GLP25UX
	2.2	Axle loading, laden front/rear	kg	5320 / 650	5400 / 650	5400 / 650	5320 / 650	5400 / 650
	2.3	Axle loading, unladen front/rear	kg	1500 / 2150	1500 / 2150	1500 / 2150	1500 / 2150	1500 / 2150
Wheels	3.1	Tyres: L = pneumatic, V = cushion, SE = superelastic		L	L	L	L	L
	3.2	Tire Size, Front		7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR
	3.3	Tire Size, Rear		6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR
	3.5	Wheels, Number Front/Rear (x=drive wheels)		2X/2	2X/2	2X/2	2X/2	2X/2
	3.6	Standard Tread Width, Front (mm)	b10 (mm)	970	970	970	970	970
	3.7	Standard Tread Width, Rear (mm)	b11 (mm)	980	980	980	980	980
Dimensions	4.1	Tilt of mast/fork carriage, forward /backward	α / β (°)	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12
	4.2	2LFL Mast Lowered (mm)	h1 (mm)	2010	2010	2010	2010	2010
	4.3	2LFL Free Lift - BOF (mm)	h2 (mm)	160	160	160	160	160
	4.4	2LFL Lift - BOF (mm)	h3 (mm)	3000	3000	3000	3000	3000
	4.5.1	Height Mast Extended w/o LBR (mm)	h4 (mm)	3575	3575	3575	3575	3575
	4.7	Height of overhead guard (high/low)	h6 (mm)	2180	2180	2180	2180	2180
	4.7.1	Height of Enclosed Cab (mm)	mm	2205	2205	2205	2205	2205
	4.8	Seat height/stand height(SIP from Ground - Standard (mm))	h7 (mm)	1167	1167	1167	1167	1167
	4.9	Headroom - SIP to bottom of OHG (mm)	mm	1002	1002	1002	1002	1002
	4.12	Coupling Height from Ground (mm)	h10 (mm)	250	250	250	250	250
	4.19	Overall Length (mm)	l1 (mm)	3690	3690	3690	3690	3690
	4.2	Length to Face of Forks Standard Carriage (mm)	l2 (mm)	2620	2620	2620	2620	2620
	4.21	Overall Width STD Tire (mm)	b1 (mm)	1150	1150	1150	1150	1150
	4.21.1	Overall Width Dual Tire (mm)		1590	1590	1590	1590	1590
	4.22	Fork dimensions	s / e / l (mm)	40 / 122 / 1070	40 / 122 / 1070	40 / 122 / 1070	40 / 122 / 1070	40 / 122 / 1070
	4.23	Fork carriage ISO 2328. Class/type, A/B		IIA	IIA	IIA	IIA	IIA
	4.24	Fork Carriage Width	b3 (mm)	1040	1040	1040	1040	1040
	4.31	Ground clearance, laden, below mast	m1 (mm)	125	125	125	125	125
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	150	150	150	150	150
	4.34.1	Aisle width with pallets 1000mm x 1200mm crossways (l6 x b12)	Ast (mm)	4026	4026	4026	4026	4026
	4.34.2	Aisle width with pallets 800mm x 1200mm crossways (l6 x b12)	Ast (mm)	3826	3826	3826	3826	3826
	4.35	Outside Turning Radius	Wa (mm)	2350	2350	2350	2350	2350
	4.36	Internal Turing Radius	b13 (mm)	745	745	745	745	745
Performance	5.1	Travel speed, laden/unladen	km/h	19/19	19/19	18/18	18/18	18/18
	5.2	Lifting speed, laden/unladen,2LFL	mm/s	0.56/0.61	0.56/0.59	0.49/0.52	0.49/0.52	0.49/0.52
	5.3	Lowering speed laden/unladen, 2LFL	mm/s	0.45/0.41	0.45/0.42	0.43/0.40	0.43/0.40	0.43/0.40
	5.5	Maximum drawbar pull with/without load	N	12648/8450	18400/18400 (18100 / 15000)	23300/11000	23950/22100	22055/20350
	5.6.1	Drawbar pull with/without load, @ 1.6km/h	N	13500/10500	15640/15640	19300/14500	20660/19290	18850/17610
	5.6.2	Drawbar pull with/without load, @ 4.8km/h	N	8879/7185	11960/11960	14600/13000	15110/14520	13510/13020
	5.7.1	Gradeability with/without load, @ 1.6km/h	%	22.5/25	25/25	30/30	30/30	30/30
	5.7.2	Gradeability with/without load @ 4.8km/h	%	15/19.5	18/25	20/20	20/20	20/20
	5.9.1	Acceleration Time Laden/Unladen 15m	s	4.7/4.6	4.6/4.5	5.2/4.2	tbc	tbc
	5.1	Service Brake		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Combustion Engine	7.1	Engine		Yanmar 2.6L	Xinchai 2.67L	Xinchai 2.7L	Yanmar 2.2L	Yanmar 2.2L
	7.2	Engine Power	Kw	32,8	36,8	41	41,7	LPG: 38.9/GAS: 38.7
	7.3	Rated Speed	min-1	2450	2500	2500	2500	2500
	7.4	Number of cylinders		4	4	4	4	4

	1.2	MODEL DESIGNATION		GDP25UX	GDP25UX	GLP25UX	GLP25UX	GLP25UX
	7.4	Number of Cylinder Displacement	cm3	2659	2670	2670	2189	2189
	7.5	Fuel Consumption according to VDI cycle	kg/h	3,64	3,32	3,45	tbc	tbc
Additional Data	8.1	Type of Drive		Automatic	Automatic	Automatic	Automatic	Automatic
	10.1	Operating Pressure of Attachments	bar	0-175	0-175	0-175	0-175	0-175
	10.2	Oil Volume Flow for Attachements	ℓ/min	64	64	64	64	64
	10.3	Hydraulic Oil Tank Capacity - Initial Fill	ℓ	60	60	60	60	60
	10.4.2	Fuel Tank Capacity	ℓ	60	60	60	60	60
	10.7.1	Sound Pressure at Driver's Ear OHG	dBa	84,7	87,9	85	tbc	tbc
	10.7.3	Sound Power Level during EN12053 Work Cycle	dBa	104,5	105,2	103	tbc	tbc
	10.8	Towing Couple Type		PIN	PIN	PIN	PIN	PIN

(4.5.1) Without load backrest.
(4.7) h6 subject to +/- 5mm tolerance.
(4.8) Full suspension seat in depressed position.
(4.24) Add 32mm with load backrest.
(10.2) Variable.
(10.7.3) LPAZ, measured according to the test cycles and based on the weighting values contained in EN12053. Specification data is based on VDI 2198, with the following configuration: Complete truck with 3000mm 2-stage limited free lift mast, standard carriage and 1070mm forks, overhead guard and standard pneumatic drive and steer tyres.

Specifications Table GP30UX

	1.2	MODEL DESIGNATION		GDP30UX	GDP30UX	GDP30UX	GLP30UX	GLP30UX	GLP30UX
General	1.1	Manufacturer		Yale	Yale	Yale	Yale	Yale	Yale
	1.3	Drive		DIESEL	DIESEL	DIESEL	LPG	LPG	Bi-Fuel
	1.4	Operator type		Seated	Seated	Seated	Seated	Seated	Seated
	1.5	Rated capacity/rated load	Q (kg)	3000	3000	3000	3000	3000	3000
	1.6	Load Center Distance	c (mm)	500	500	500	500	500	500
	1.8	Load Face - Fork Face STD Carriage (mm)	x (mm)	490	490	490	490	490	490
	1.9	Wheelbase (mm)	y (mm)	1700	1700	1700	1700	1700	1700
Weight	2.1	Service weight	kg	4300	4300	4300	4300	4300	4300
	2.2	Axle loading, laden front/rear	kg	6490 / 770	6490 / 810	6490 / 810	6490 / 810	6490 / 810	6490 / 810
	2.3	Axle loading, unladen front/rear	kg	1710 / 2590	1710 / 2590	1710 / 2590	1710 / 2590	1710 / 2590	1710 / 2590
Wheels	3.1	Tyres: L = pneumatic, V = cushion, SE = superelastic		L	L	L	L	L	L
	3.2	Tire Size, Front		28x9-15-14PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR
	3.3	Tire Size, Rear		6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
	3.5	Wheels, Number Front/Rear (x=drive wheels)		2X/2	2X/2	2X/2	2X/2	2X/2	2X/2
	3.6	Standard Tread Width, Front (mm)	b10 (mm)	1000	1000	1000	1000	1000	1000
	3.7	Standard Tread Width, Rear (mm)	b11 (mm)	970	970	970	970	970	970
Dimensions	4.1	Tilt of mast/fork carriage, forward /backward	α / β (°)	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12
	4.2	2LFL Mast Lowered (mm)	h1 (mm)	2075	2075	2075	2075	2075	2075
	4.3	2LFL Free Lift - BOF (mm)	h2 (mm)	165	165	165	165	165	165
	4.4	2LFL Lift - BOF (mm)	h3 (mm)	3000	3000	3000	3000	3000	3000
	4.5.1	Height Mast Extended w/o LBR (mm)	h4 (mm)	3640	3640	3640	3640	3640	3640
	4.7	Height of overhead guard (high/low)	h6 (mm)	2205	2205	2205	2205	2205	2205
	4.7.1	Height of Enclosed Cab (mm)	mm	2230	2230	2230	2230	2230	2230

	1.2	MODEL DESIGNATION		GDP30UX	GDP30UX	GDP30UX	GLP30UX	GLP30UX	GLP30UX
	4.8	Seat height/stand height(SIP from Ground - Standard (mm))	h7 (mm)	1192	1192	1192	1192	1192	1192
	4.9	Headroom - SIP to bottom of OHG (mm)	mm	1002	1002	1002	1002	1002	1002
	4.12	Coupling Height from Ground (mm)	h10 (mm)	260	260	260	260	260	260
	4.19	Overall Length (mm)	l1 (mm)	3765	3765	3765	3800	3765	3765
	4.2	Length to Face of Forks Standard Carriage (mm)	l2 (mm)	2695	2695	2695	2730	2695	2695
	4.21	Overall Width STD Tire (mm)	b1 (mm)	1210	1210	1210	1210	1210	1210
	4.21.1	Overall Width Dual Tire (mm)		1650	1650	1650	1650	1650	1650
	4.22	Fork dimensions	s / e / l (mm)	45 / 122 / 1070	45 / 122 / 1070	45 / 122 / 1070	45 / 122 / 1070	45 / 122 / 1070	45 / 122 / 1070
	4.23	Fork carriage ISO 2328. Class/type, A/B		IIIA	IIIA	IIIA	IIIA	IIIA	IIIA
	4.24	Fork Carriage Width	b3 (mm)	1100	1100	1100	1100	1100	1100
	4.31	Ground clearance, laden, below mast	m1 (mm)	140	140	140	140	140	140
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	170	170	170	170	170	170
	4.34.1	Aisle width with pallets 1000mm x 1200mm crossways (l6 x b12)	Ast (mm)	4126	4126	4126	4126	4126	4126
	4.34.2	Aisle width with pallets 800mm x 1200mm crossways (l6 x b12)	Ast (mm)	3926	3926	3926	3926	3926	3926
	4.35	Outside Turning Radius	Wa (mm)	2430	2430	2430	2430	2430	2430
	4.36	Internal Turing Radius	b13 (mm)	830	830	830	830	830	830
Performance	5.1	Travel speed, laden/unladen	km/h	19/20	19/20	19/20	18/19	19/19	19/19
	5.2	Lifting speed, laden/unladen,2LFL	mm/s	0.46/0.49	0.42/0.45	0.42/0.45	0.45/0.48	0.4/0.43	0.4/0.43
	5.3	Lowering speed laden/unladen, 2LFL	mm/s	0.40/0.38	0.40/0.38	0.40/0.38	0.40/0.38	0.4/0.38	0.4/0.38
	5.5	Maximum drawbar pull with/without load	N	16094/9688	20596/14800 (16941 / 9688)	17000/15000 (17480 / 17480)	23300/11000	22710/20915	20910/19260
	5.6.1	Drawbar pull with/without load, @ 1.6km/h	N	15000/11500	17500/14000	15766/15766	18000/13300	19740/18390	18020/16800
	5.6.2	Drawbar pull with/without load, @ 4.8km/h	N	8498/8119	7319/8119	11766/11766	14000/9800	14720/14080	13190/12650
	5.7.1	Gradeability with/without load, @ 1.6km/h	%	21.5/25	24/25	19/25	24/25	24/25	24/25
	5.7.2	Gradeability with/without load @ 4.8km/h	%	14/18	12.5/19	14/19	18/20	18/20	18/20
	5.9.1	Acceleration Time Laden/Unladen 15m	s	4.6/4.5	4.5/4.4	4.6/4.5	5.4/4.4	tbc	tbc
Combustion Engine	5.1	Service Brake		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
	7.1	Engine		Yanmar 3.0L	Yanmar 3.3L	Xinchai 2.67L	Xinchai 2.7L	Yanmar 2.2L	Yanmar 2.2L
	7.2	Engine Power	Kw	35,5	42,1	36,8	41	41,7	LPG: 38.9/GAS: 38.7
	7.3	Rated Speed	min-1	2400	2300	2500	2500	2500	2500
	7.4	Number of cylinders		4	4	4	4	4	4
	7.4	Number of Cylinder Displacement	cm3	3054	3319	2670	2670	2189	2189
Additional Data	7.5	Fuel Consumption according to VDI cycle	kg/h	4,6	4,06	tbc	3,5	tbc	tbc
	8.1	Type of Drive		Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
	10.1	Operating Pressure of Attachments	bar	0-175	0-175	0-175	0-175	0-175	0-175
	10.2	Oil Volume Flow for Attachements	ℓ/min	64	64	64	64	64	64
	10.3	Hydraulic Oil Tank Capacity - Initial Fill	ℓ	70	70	70	70	70	70
	10.4.2	Fuel Tank Capacity	ℓ	70	70	70	70	70	70
	10.7.1	Sound Pressure at Driver's Ear OHG	dBa	85	84	87,9	85	tbc	tbc
	10.7.3	Sound Power Level during EN12053 Work Cycle	dBa	103	104	104	100	tbc	tbc
	10.8	Towing Couple Type		PIN	PIN	PIN	PIN	PIN	PIN

(4.5.1) Without load backrest.

(4.7) h6 subject to +/- 5mm tolerance.

(4.8) Full suspension seat in depressed position.

(4.24) Add 32mm with load backrest.

(10.2) Variable.

(10.7.3) LPAZ, measured according to the test cycles and based on the weighting values contained in EN12053. Specification data is based on VDI 2198, with the following configuration: Complete truck with 3000mm 2-stage limited free lift mast, standard carriage and 1070mm forks, overhead guard and standard pneumatic drive and steer tyres.

Specifications Table GP35UX

	1.2	MODEL DESIGNATION		GDP35UX	GDP35UX	GDP35UX	GLP35UX	GLP35UX	GLP35UX
General	1.1	Manufacturer		Yale	Yale	Yale	Yale	Yale	Yale
	1.3	Drive		DIESEL	DIESEL	DIESEL	LPG	LPG	Bi-Fuel
	1.4	Operator type		Seated	Seated	Seated	Seated	Seated	Seated
	1.5	Rated capacity/rated load	Q (kg)	3500	3500	3500	3500	3500	3500
	1.6	Load Center Distance	c (mm)	500	500	500	500	500	500
	1.8	Load Face - Fork Face STD Carriage (mm)	x (mm)	510	510	510	510	510	510
	1.9	Wheelbase (mm)	y (mm)	1700	1700	1700	1700	1700	1700
Weight	2.1	Service weight	kg	4710	4710	4710	4710	4710	4710
	2.2	Axle loading, laden front/rear	kg	7250 / 960	7250 / 960	7250 / 960	7250 / 960	7250 / 960	7250 / 960
	2.3	Axle loading, unladen front/rear	kg	1690 / 3020	1690 / 3020	1690 / 3020	1690 / 3020	1690 / 3020	1690 / 3020
Wheels	3.1	Tyres: L = pneumatic, V = cushion, SE = superelastic		L	L	L	L	L	L
	3.2	Tire Size, Front		28x9-15-14PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR
	3.3	Tire Size, Rear		6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
	3.5	Wheels, Number Front/Rear (x=drive wheels)		2X/2	2X/2	2X/2	2X/2	2X/2	2X/2
	3.6	Standard Tread Width, Front (mm)	b10 (mm)	1000	1000	1000	1000	1000	1000
	3.7	Standard Tread Width, Rear (mm)	b11 (mm)	970	970	970	970	970	970
Dimensions	4.1	Tilt of mast/fork carriage, forward /backward	α /β (°)	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12
	4.2	2LFL Mast Lowered (mm)	h1 (mm)	2150	2150	2150	2150	2150	2150
	4.3	2LFL Free Lift - B0F (mm)	h2 (mm)	165	165	165	165	165	165
	4.4	2LFL Lift - B0F (mm)	h3 (mm)	3000	3000	3000	3000	3000	3000
	4.5.1	Height Mast Extended w/o LBR (mm)	h4 (mm)	3700	3700	3700	3700	3700	3700
	4.7	Height of overhead guard (high/low)	h6 (mm)	2205	2205	2205	2205	2205	2205
	4.7.1	Height of Enclosed Cab (mm)	mm	2230	2230	2230	2230	2230	2230
	4.8	Seat height/stand height(SIP from Ground - Standard (mm))	h7 (mm)	1192	1192	1192	1192	1192	1192
	4.9	Headroom - SIP to bottom of OHG (mm)	mm	1002	1002	1002	1002	1002	1002
	4.12	Coupling Height from Ground (mm)	h10 (mm)	260	260	260	260	260	260
	4.19	Overall Length (mm)	l1 (mm)	3850	3850	3850	3850	3850	3850
	4.2	Length to Face of Forks Standard Carriage (mm)	l2 (mm)	2780	2780	2780	2780	2780	2780
	4.21	Overall Width STD Tire (mm)	b1 (mm)	1210	1210	1210	1210	1210	1210
	4.21.1	Overall Width Dual Tire (mm)		1650	1650	1650	1650	1650	1650
	4.22	Fork dimensions	s / e / l (mm)	50 / 122 / 1070	50 / 122 / 1070	50 / 122 / 1070	50 / 122 / 1070	50 / 122 / 1070	50 / 122 / 1070
	4.23	Fork carriage ISO 2328. Class/type, A/B		IIIA	IIIA	IIIA	IIIA	IIIA	IIIA
	4.24	Fork Carriage Width	b3 (mm)	1100	1100	1100	1100	1100	1100
	4.31	Ground clearance, laden, below mast	m1 (mm)	140	140	140	140	140	140
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	170	170	170	170	170	170
	4.34.1	Aisle width with pallets 1000mm x 1200mm crossways (l6 x b12)	Ast (mm)	4210	4210	4210	4210	4210	4210
	4.34.2	Aisle width with pallets 800mm x 1200mm crossways (l6 x b12)	Ast (mm)	4010	4010	4010	4010	4010	4010
	4.35	Outside Turning Radius	Wa (mm)	2500	2500	2500	2500	2500	2500
	4.36	Internal Turing Radius	b13 (mm)	830	830	830	830	830	830
Performance	5.1	Travel speed, laden/unladen	km/h	19/20	19/20	19/20	19/19	19/19	19/19

	1.2	MODEL DESIGNATION		GDP35UX	GDP35UX	GDP35UX	GLP35UX	GLP35UX	GLP35UX
	5.2	Lifting speed, laden/unladen, 2LFL	mm/s	0.38/0.40	0.38/0.40	0.34/0.36	0.40/0.43	0.40/0.43	0.40/0.43
	5.3	Lowering speed laden/unladen, 2LFL	mm/s	0.45/0.38	0.45/0.38	0.45/0.38	0.40/0.38	0.40/0.38	0.40/0.38
	5.5	Maximum drawbar pull with/without load	N	16870/9676	17739/9870	16560/16560	23300/11000	22710/20915	20910/19260
	5.6.1	Drawbar pull with/without load, @ 1.6km/h	N	14000/10500	16500/13000	15209/15209	18000/13300	19740/18390	18020/16800
	5.6.2	Drawbar pull with/without load, @ 4.8km/h	N	8879/8892	8968/8892	11684/11684	14000/9800	14720/14080	13190/12650
	5.7.1	Gradeability with/without load, @ 1.6km/h	%	17.5/23.5	19.5/25	16.5/24	19/20	19/20	19/20
	5.7.2	Gradeability with/without load @ 4.8km/h	%	10.9/19	13/19	12/16.5	15/20	15/20	15/20
	5.9.1	Acceleration Time Laden/Unladen 15m	s	5.91/4.91	4.8/4.2	5.91/4.91	5.6/4.6	tbc	tbc
	5.1	Service Brake		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Combustion Engine	7.1	Engine		Yanmar 3.0L	Yanmar 3.3L	Xinchai 2.67L	Xinchai 2.7L	Yanmar 2.2L	Yanmar 2.2L
	7.2	Engine Power	Kw	35,5	42,1	36,8	41	41,7	LPG: 38.9/GAS: 38.7
	7.3	Rated Speed	min-1	2400	2300	2500	2500	2500	2500
	7.4	Number of cylinders		4	4	4	4	4	4
	7.4	Number of Cylinder Displacement	cm3	3319	3319	2670	2670	2189	2189
	7.5	Fuel Consumption according to VDI cycle	kg/h	3,86	4,9	tbc	4	tbc	tbc
Additional Data	8.1	Type of Drive		Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
	10.1	Operating Pressure of Attachments	bar	0-175	0-175	0-175	0-175	0-175	0-175
	10.2	Oil Volume Flow for Attachements	ℓ/min	64	64	64	64	64	64
	10.3	Hydraulic Oil Tank Capacity - Initial Fill	ℓ	70	70	70	70	70	70
	10.4.2	Fuel Tank Capacity	ℓ	70	70	70	70	70	70
	10.7.1	Sound Pressure at Driver's Ear OHG	dBa	83	88,5	84	85	tbc	tbc
	10.7.3	Sound Power Level during EN12053 Work Cycle	dBa	101,3	104,6	104	100	tbc	tbc
	10.8	Towing Couple Type		PIN	PIN	PIN	PIN	PIN	PIN

(4.5.1) Without load backrest.

(4.7) h6 subject to +/- 5mm tolerance.

(4.8) Full suspension seat in depressed position.

(4.24) Add 32mm with load backrest.

(10.2) Variable.

(10.7.3) LPAZ, measured according to the test cycles and based on the weighting values contained in EN12053. Specification data is based on VDI 2198, with the following configuration: Complete truck with 3000mm 2-stage limited free lift mast, standard carriage and 1070mm forks, overhead guard and standard pneumatic drive and steer tyres.

MAST TABLES

GP20UX 2000kg Capacities @ 500mm LOAD CENTRE

MAST TYPE	MAXIMUM FORK HEIGHT (MM)	LOWERED HEIGHT (MM)	EXTENDED HEIGHT WITH LBR (MM)	EXTENDED HEIGHT WITHOUT LBR (MM)	FREE LIFT HEIGHT WITHOUT LBR	BAC K TILT	CAPACITY WITH PSS TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PSS TYRES WITH SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITH SIDESHIFT (KG)
2 STAGE LIMITED FREE LIFT (LFL) MAST	3000	2010	3990	3575	160	12	2000	2000	2000	2000
	4000	2560	4990	4575	160	6	2000	2000	2000	2000
	4500	2810	5490	5075	160	6	1900	1900	1850 / 1900	1800 / 1900
	5000	3060	5990	5575	160	6	1800	1800	1590 / 1790	1540 / 1790
	5500	3360	6490	6075	160	6	1490 / 1690	1430 / 1660	1150 / 1680	1090 / 1650
	6000	3610	6990	6575	160	6	1140 / 1560	1080 / 1530	870 / 1550	810 / 1520
2 STAGE FULL FREE LIFT (FFL) MAST	3000	2010	3990	3590	1420	12	2000	2000	2000	2000
3 STAGE FULL FREE LIFT (FFL) MAST	4500	2060	5490	5017	1440	6	1900	1830	1830 / 1900	1770 / 1830
	4800	2160	5790	5317	1540	6	1840	1770	1710 / 1830	1650 / 1770
	5500	2425	6490	6017	1800	6	1400 / 1670	1350 / 1610	1110 / 1660	1040 / 1600
	6000	2610	6990	6517	1990	6	1100 / 1530	1040 / 1480	850 / 1520	790 / 1470
	6500	2825	7490	7017	2215	6	780 / 1390	710 / 1340	610 / 1380	540 / 1330

Cell with / = Single/Dual tread

GP20UX 2000kg Capacities @ 600mm LOAD CENTRE

MAST TYPE	MAXIMUM FORK HEIGHT (MM)	LOWERED HEIGHT (MM)	EXTENDED HEIGHT WITH LBR (MM)	EXTENDED HEIGHT WITHOUT LBR (MM)	FREE LIFT HEIGHT WITHOUT LBR	BAC K TILT	CAPACITY WITH PSS TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PSS TYRES WITH SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITH SIDESHIFT (KG)
2 STAGE LIMITED FREE LIFT (LFL) MAST	3000	2010	3990	3575	160	12	1800	1800	1800	1800
	4000	2560	4990	4575	160	6	1800	1800	1800	1800
	4500	2810	5490	5075	160	6	1710	1710	1710	1710
	5000	3060	5990	5575	160	6	1620	1620	1540 / 1610	1490 / 1610
	5500	3360	6490	6075	160	6	1470 / 1520	1420 / 1500	1120 / 1510	1060 / 1490
	6000	3610	6990	6575	160	6	1130 / 1400	1080 / 1380	850 / 1390	800 / 1370
2 STAGE FULL FREE LIFT (FFL) MAST	3000	2010	3990	3590	1420	12	1800	1800	1800	1800

MAST TYPE	MAXIMUM FORK HEIGHT (MM)	LOWERED HEIGHT (MM)	EXTENDED HEIGHT WITH LBR (MM)	EXTENDED HEIGHT WITHOUT LBR (MM)	FREE LIFT HEIGHT WITHOUT LBR	BAC K TILT	CAPACITY WITH PSS TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PSS TYRES WITH SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITH SIDESHIFT (KG)
3 STAGE FULL FREE LIFT (FFL) MAST	4500	2060	5490	5017	1440	6	1710 / 1730	1650 / 1670	1710 / 1730	1650 / 1670
	4800	2160	5790	5317	1540	6	1650 / 1670	1600 / 1610	1650 / 1660	1590 / 1610
	5500	2425	6490	6017	1800	6	1400 / 1510	1350 / 1460	1110 / 1510	1040 / 1460
	6000	2610	6990	6517	1990	6	1100 / 1390	1040 / 1340	850 / 1380	790 / 1330
	6500	2825	7490	7017	2215	6	780 / 1260	710 / 1220	610 / 1250	540 / 1210

Cell with / = Single/Dual tread

GP25UX 2500kg Capacities @ 500mm LOAD CENTRE

MAST TYPE	MAXIMUM FORK HEIGHT (MM)	LOWERED HEIGHT (MM)	EXTENDED HEIGHT WITH LBR (MM)	EXTENDED HEIGHT WITHOUT LBR (MM)	FREE LIFT HEIGHT WITHOUT LBR	BAC K TILT	CAPACITY WITH PSS TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PSS TYRES WITH SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITH SIDESHIFT (KG)
2 STAGE LIMITED FREE LIFT (LFL) MAST	3000	2010	3990	3575	160	12	2500	2500	2500	2500
	4000	2560	4990	4575	160	6	2500	2500	2500	2500
	4500	2810	5490	5075	160	6	2390	2390	2080 / 2390	2020 / 2380
	5000	3060	5990	5575	160	6	2270	2270	1810 / 2270	1760 / 2270
	5500	3360	6490	6075	160	6	1860 / 2140	1810 / 2140	1350 / 2130	1290 / 2130
	6000	3610	6990	6575	160	6	1500 / 2000	1440 / 2000	1040 / 1990	980 / 1990
2 STAGE FULL FREE LIFT (FFL) MAST	3000	2010	3990	3590	1420	12	2500	2500	2500	2500
3 STAGE FULL FREE LIFT (FFL) MAST	4500	2060	5490	5017	1440	6	2340	2260	2020 / 2340	1950 / 2260
	4800	2160	5790	5317	1540	6	2270	2190	1890 / 2260	1830 / 2190
	5500	2425	6490	6017	1800	6	1710 / 2080	1650 / 2010	1280 / 2070	1210 / 2000
	6000	2610	6990	6517	1990	6	1410 / 1930	1350 / 1870	1010 / 1920	950 / 1860
	6500	2825	7490	7017	2215	6	1120 / 1770	1050 / 1710	740 / 1760	660 / 1700

Cell with / = Single/Dual tread

GP25UX 2500kg Capacities @ 600mm LOAD CENTRE

MAST TYPE	MAXIMUM FORK HEIGHT (MM)	LOWERED HEIGHT (MM)	EXTENDED HEIGHT WITH LBR (MM)	EXTENDED HEIGHT WITHOUT LBR (MM)	FREE LIFT HEIGHT WITHOUT LBR	BAC K TILT	CAPACITY WITH PSS TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PSS TYRES WITH SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITH SIDESHIFT (KG)
2 STAGE LIMITED FREE LIFT (LFL) MAST	3000	2010	3990	3575	160	12	2300	2300	2300	2300

MAST TYPE	MAXIMUM FORK HEIGHT (MM)	LOWERED HEIGHT (MM)	EXTENDED HEIGHT WITH LBR (MM)	EXTENDED HEIGHT WITHOUT LBR (MM)	FREE LIFT HEIGHT WITHOUT LBR	BAC K TILT	CAPACITY WITH PSS TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PSS TYRES WITH SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITH SIDESHIFT (KG)
	4000	2560	4990	4575	160	6	2300	2300	2300	2300
	4500	2810	5490	5075	160	6	2200	2200	2000 / 2200	1940 / 2200
	5000	3060	5990	5575	160	6	2090	2090	1750 / 2080	1690 / 2080
	5500	3360	6490	6075	160	6	1830 / 1970	1780 / 1970	1310 / 1960	1260 / 1960
	6000	3610	6990	6575	160	6	1470 / 1840	1410 / 1840	1020 / 1830	960 / 1830
2 STAGE FULL FREE LIFT (FFL) MAST	3000	2010	3990	3590	1420	12	2300	2300	2300	2300
3 STAGE FULL FREE LIFT (FFL) MAST	4500	2060	5490	5017	1440	6	2110	2040	1990 / 2100	1920 / 2040
	4800	2160	5790	5317	1540	6	2040	1980	1870 / 2040	1810 / 1980
	5500	2425	6490	6017	1800	6	1710 / 1870	1650 / 1810	1280 / 1870	1210 / 1810
	6000	2610	6990	6517	1990	6	1410 / 1740	1350 / 1680	1010 / 1730	950 / 1670
	6500	2825	7490	7017	2215	6	1120 / 1600	1050 / 1550	740 / 1580	660 / 1530

Cell with / = Single/Dual tread

GP30UX 3000kg Capacities @ 500mm LOAD CENTRE

MAST TYPE	MAXIMUM FORK HEIGHT (MM)	LOWERED HEIGHT (MM)	EXTENDED HEIGHT WITH LBR (MM)	EXTENDED HEIGHT WITHOUT LBR (MM)	FREE LIFT HEIGHT WITHOUT LBR	BAC K TILT	CAPACITY WITH PSS TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PSS TYRES WITH SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITH SIDESHIFT (KG)
2 STAGE LIMITED FREE LIFT (LFL) MAST	3000	2075	4100	3640	165	12	3000	3000	3000	3000
	4000	2625	5100	4640	165	6	3000	3000	3000	2930
	4500	2875	5600	5140	165	6	2860	2770	2750 / 2790	2690 / 2700
	5000	3125	6100	5640	165	6	2760	2670	2420 / 2680	2360 / 2600
	5500	3425	6600	6140	165	6	2340 / 2590	2290 / 2510	1920 / 2520	1870 / 2440
	6000	3675	7100	6640	165	6	1800 / 2330	1750 / 2260	1380 / 2330	1330 / 2260
2 STAGE FULL FREE LIFT (FFL) MAST	3000	2075	4100	3650	1425	12	3000	3000	3000	3000
3 STAGE FULL FREE LIFT (FFL) MAST	4500	2125	5600	5100	1525	6	2790	2710	2680 / 2790	2630 / 2710
	4800	2225	5900	5400	1625	6	2720	2640	2610 / 2710	2550 / 2630
	5500	2490	6600	6100	1880	6	2190 / 2520	2140 / 2450	1860 / 2510	1800 / 2430
	6000	2675	7100	6600	2075	6	1630 / 2360	1580 / 2290	1280 / 2340	1210 / 2260
	6500	2890	7600	7100	2260	6	1220 / 2200	1150 / 2130	820 / 2140	740 / 2080

Cell with / = Single/Dual tread

GP30UX 3000kg Capacities @ 600mm LOAD CENTRE

MAST TYPE	MAXIMUM FORK HEIGHT (MM)	LOWERED HEIGHT (MM)	EXTENDED HEIGHT WITH LBR (MM)	EXTENDED HEIGHT WITHOUT LBR (MM)	FREE LIFT HEIGHT WITHOUT LBR	BAC K TILT	CAPACITY WITH PSS TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PSS TYRES WITH SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITH SIDESHIFT (KG)
2 STAGE LIMITED FREE LIFT (LFL) MAST	3000	2075	4100	3640	165	12	2900	2810	2900	2810
	4000	2625	5100	4640	165	6	2840	2770	2770	2700
	4500	2875	5600	5140	165	6	2640	2570	2570	2500
	5000	3125	6100	5640	165	6	2550	2480	2340 / 2490	2290 / 2410
	5500	3425	6600	6140	165	6	2280 / 2410	2220 / 2330	1860 / 2330	1810 / 2260
	6000	3675	7100	6640	165	6	1760 / 2270	1710 / 2200	1350 / 2200	1300 / 2130
2 STAGE FULL FREE LIFT (FFL) MAST	3000	2075	4100	3650	1425	12	2890	2800	2890	2800
3 STAGE FULL FREE LIFT (FFL) MAST	4500	2125	5600	5100	1525	6	2530	2450	2520	2450
	4800	2225	5900	5400	1625	6	2460	2390	2450	2380
	5500	2490	6600	6100	1880	6	2190 / 2280	2140 / 2210	1860 / 2270	1800 / 2200
	6000	2675	7100	6600	2075	6	1630 / 2140	1580 / 2070	1280 / 2120	1210 / 2060
	6500	2890	7600	7100	2260	6	1220 / 1990	1150 / 1930	820 / 1970	740 / 1910

Cell with / = Single/Dual tread

GP35UX 3500kg Capacities @ 500mm LOAD CENTRE

MAST TYPE	MAXIMUM FORK HEIGHT (MM)	LOWERED HEIGHT (MM)	EXTENDED HEIGHT WITH LBR (MM)	EXTENDED HEIGHT WITHOUT LBR (MM)	FREE LIFT HEIGHT WITHOUT LBR	BAC K TILT	CAPACITY WITH PSS TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PSS TYRES WITH SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITH SIDESHIFT (KG)
2 STAGE LIMITED FREE LIFT (LFL) MAST	3000	2150	4100	3700	170	12	3500	3500	3500	3500
	4000	2700	5100	4700	170	6	3500	3500	3310 / 3490	3240 / 3400
	4500	2950	5600	5200	170	6	3380	3360	2960 / 3340	2890 / 3250
	5000	3200	6100	5700	170	6	2980 / 3250	2920 / 3190	2470 / 3170	2400 / 3080
	5500	3500	6600	6200	170	6	2430 / 3080	2370 / 2990	1950 / 2970	1890 / 2880
	6000	3750	7100	6700	170	6	1980 / 2930	1920 / 2840	1520 / 2800	1470 / 2720
2 STAGE FULL FREE LIFT (FFL) MAST	3000	2150	4100	3680	1470	12	3500	3500	3500	3500
3 STAGE FULL FREE LIFT (FFL) MAST	4500	2200	5600	5140	1560	6	3270	3180	2870 / 3260	2820 / 3180
	4800	2300	5900	5440	1660	6	3090 / 3190	3030 / 3100	2630 / 3180	2580 / 3100
	5500	2565	6600	6140	1915	6	2350 / 2980	2300 / 2900	1920 / 2950	1860 / 2880
	6000	2750	7100	6640	2110	6	1880 / 2810	1840 / 2740	1450 / 2690	1390 / 2640

MAST TYPE	MAXIMUM FORK HEIGHT (MM)	LOWERED HEIGHT (MM)	EXTENDED HEIGHT WITH LBR (MM)	EXTENDED HEIGHT WITHOUT LBR (MM)	FREE LIFT HEIGHT WITHOUT LBR	BAC K TILT	CAPACITY WITH PSS TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PSS TYRES WITH SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITH SIDESHIFT (KG)
	6500	2965	7600	7100	2290	6	1410 / 2580	1360 / 2530	920 / 2250	870 / 2200

Cell with / = Single/Dual tread

GP35UX 3500kg Capacities @ 600mm LOAD CENTRE

MAST TYPE	MAXIMUM FORK HEIGHT (MM)	LOWERED HEIGHT (MM)	EXTENDED HEIGHT WITH LBR (MM)	EXTENDED HEIGHT WITHOUT LBR (MM)	FREE LIFT HEIGHT WITHOUT LBR	BAC K TILT	CAPACITY WITH PSS TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PSS TYRES WITH SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITHOUT SIDESHIFT (KG)	CAPACITY WITH PNEUMATIC TYRES WITH SIDESHIFT (KG)
2 STAGE LIMITED FREE LIFT (LFL) MAST	3000	2150	4100	3700	170	12	3430	3340	3430	3340
	4000	2700	5100	4700	170	6	3330 / 3300	3230 / 3220	3070 / 3210	3020 / 3130
	4500	2950	5600	5200	170	6	3210 / 3190	3120 / 3110	2790 / 3090	2720 / 3010
	5000	3200	6100	5700	170	6	2800 / 3040	2750 / 2960	2330 / 2930	2260 / 2860
	5500	3500	6600	6200	170	6	2300 / 2860	2240 / 2780	1840 / 2760	1790 / 2680
	6000	3750	7100	6700	170	6	1870 / 2710	1820 / 2640	1450 / 2600	1400 / 2530
2 STAGE FULL FREE LIFT (FFL) MAST	3000	2150	4100	3680	1470	12	3430 / 3420	3340 / 3320	3430 / 3420	3340 / 3320
3 STAGE FULL FREE LIFT (FFL) MAST	4500	2200	5600	5140	1560	6	2970 / 2950	2890 / 2880	2820 / 2950	2770 / 2880
	4800	2300	5900	5440	1660	6	2900 / 2880	2820 / 2810	2600 / 2880	2550 / 2800
	5500	2565	6600	6140	1915	6	2330 / 2690	2280 / 2630	1900 / 2690	1850 / 2620
	6000	2750	7100	6640	2110	6	1880 / 2540	1840 / 2480	1450 / 2530	1390 / 2460
	6500	2965	7600	7100	2290	6	1410 / 2380	1360 / 2320	920 / 2230	870 / 2170

Cell with / = Single/Dual tread

all 500mm Loadcenter ratings with Forks of 1070 mm

all 600mm Loadcenter ratings with Forks of 1220mm

OPTIONS TABLE

Available Options - API

DESCRIPTION	STANDARD	OPTIONAL
PERFORMANCE	STD	OPT
Xinchai 2.7L LPG Engine		X
Xinchai 2.67L Diesel Engine	X	
Yanmar 2.2L LPG/ Dual Fuel		X
Yanmar 2.6L diesel engine		X
Yanmar 3.0L and 3.3L diesel engine - GP30-35UX		X
Serpentine Radiator	X	
Horizontal Exhaust	X	
Upswept Exhaust		X
High Air Intake	X	
High Air Intake with Precleaner		X
Powershift - 1 Speed Transmission	X	
Drum brakes	X	
DRIVE	STD	OPT
Standard Tread	X	
Wide Tread		X
Dual Tread		X
7.00 x 12-12 Super Elastic Drive Tyres (Standard Tread) - GP20-25UX		X
7.00 x 12-12 PR Pneumatic Drive Tyres (Standard Tread) - GP20-25UX	X	
7.00 x 12-12 Super Elastic Non-Marking Drive Tyres (Standard Tread) - GP20-25UX		X
28 x 9-15-12 Super Elastic Drive Tyres (Standard Tread) - GP30-35UX		X
28 x 9-15-12 PR Pneumatic Drive Tyres (Standard Tread) - GP30-35UX	X	
28 x 9-15-12 Super Elastic Non-Marking Drive Tyres (Standard Tread) - GP30-35UX		X
7.00 x 12-12 PR Pneumatic Drive Tyres (Dual Tread) - GP20-25UX		X
7.00 x 12-12 Super Elastic Drive Tyres (Dual Tread) - GP20-25UX		X
28 x 9-15-12 Super Elastic Drive Tyres (Dual Tread) - GP30-35UX		X
28 x 9-15-12 PR Pneumatic Drive Tyres (Dual Tread) - GP30-35UX		X
6.00 x 9-10 Super Elastic Steer Tyres - GP20-25UX		X
6.00 x 9-10 Super Elastic Steer Tyres - GP20-25UX	X	
6.00 x 9-10 Super Elastic Non-Marking Steer Tyres - GP20-25UX		X
6.50 x 10-10 Super Elastic Steer Tyres - GP30-35UX		X
6.50 x 10-10 Pneumatic Steer Tyres - GP30-35UX	X	
6.50 x 10-10 Super Elastic Non-Marking Steer Tyres - GP30-35UX		X
LIFT	STD	OPT
2 Stage Limited Free Lift	X	
2 Stage Full Free Lift		X
3 Stage Full Free Lift		X
Mast tilt - 6° Forward / 6° Back	X	
Mast tilt - 6° Forward / 12° Back		X
HANDLING	STD	OPT
Manual lever hydraulic controls	X	
Mechanical lever hydraulic controls, designed for clamping applications		X
2 Function (0 Auxiliary) Hydraulic Valve	X	
3 Function (1 Auxiliary) Hydraulic Valve		X
4 Function (2 Auxiliary) Hydraulic Valve		X
3 Function Hose Group (1 Auxiliary)		X
4 Function Hose Group (2 Auxiliary)		X
Attachment Extension Tubes - 1 Pair		X

DESCRIPTION	STANDARD	OPTIONAL
1038mm Class II Hook Type Carriage - GP20-25UX	X	
1100mm Hook Type Carriage - GP30-35UX	X	
1040mm Hook Type Integral Sideshift Carriage - GP20-25UX		X
1100mm Class III Hook Type Integral Side Shift Carriage - GP30-35UX		X
1200mm Class II Hook Type Carriage		X
940mm Load Backrest - GP20-25UX	X	
1080mm Load Backrest - GP30-35UX	X	
40 x 122 x 1070mm Hook Type Standard Tapered Forks - GP20-25UX	X	
40 x 122 x 1220mm Hook Type Standard Tapered Forks - GP20-25UX		X
45 x 122 x 1070mm Hook Type Standard Tapered Forks - GP30UX	X	
45 x 122 x 1220mm Hook Type Standard Tapered Forks - GP30UX		X
50 x 122 x 1070mm Hook Type Standard Taper Forks - GP35UX	X	
50 x 122 x 1220mm Hook Type Standard Taper Forks - GP35UX		X
CAB	STD	OPT
Cab with Heater		X
Cab without Heater		X
Front & Top Cab Panels		X
Front, Top & Rear Cab Panels		X
Rain Cover for Overhead Guard		X
Dual Mirrors Side View		X
Rear Drive Handle with Horn Button		X
ERGONOMICS	STD	OPT
2120mm Low Overhead Guard - GP20-25UX	X	
2145mm Low Overhead Guard - GP30-35UX	X	
2180mm High Overhead Guard - GP20-25UX		X
Non Suspension Vinyl Seat	X	
Full Suspension Vinyl Seat (SC29)		X
Full Suspension Vinyl Seat (SC29) with Switch for OPS	X	
Standard Seat Belt	X	
Steering wheel with spinner knob	X	
Directional Lever	X	
VISIBILITY	STD	OPT
LED work lights	X	
2 Front LED Work Lights with Stop, Tail, Indicator & Reverse Lights	X	
2 Front and 1 Rear LED Work Lights with Stop, Tail, Indicator & Reverse Lights	X	
APPEARANCE	STD	OPT
Yale yellow paint base truck	X	
Special paint base truck		X
SUPPLEMENTAL	STD	OPT
Literature package	X	
Parts Manual	X	

COMPANY INFORMATION



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