



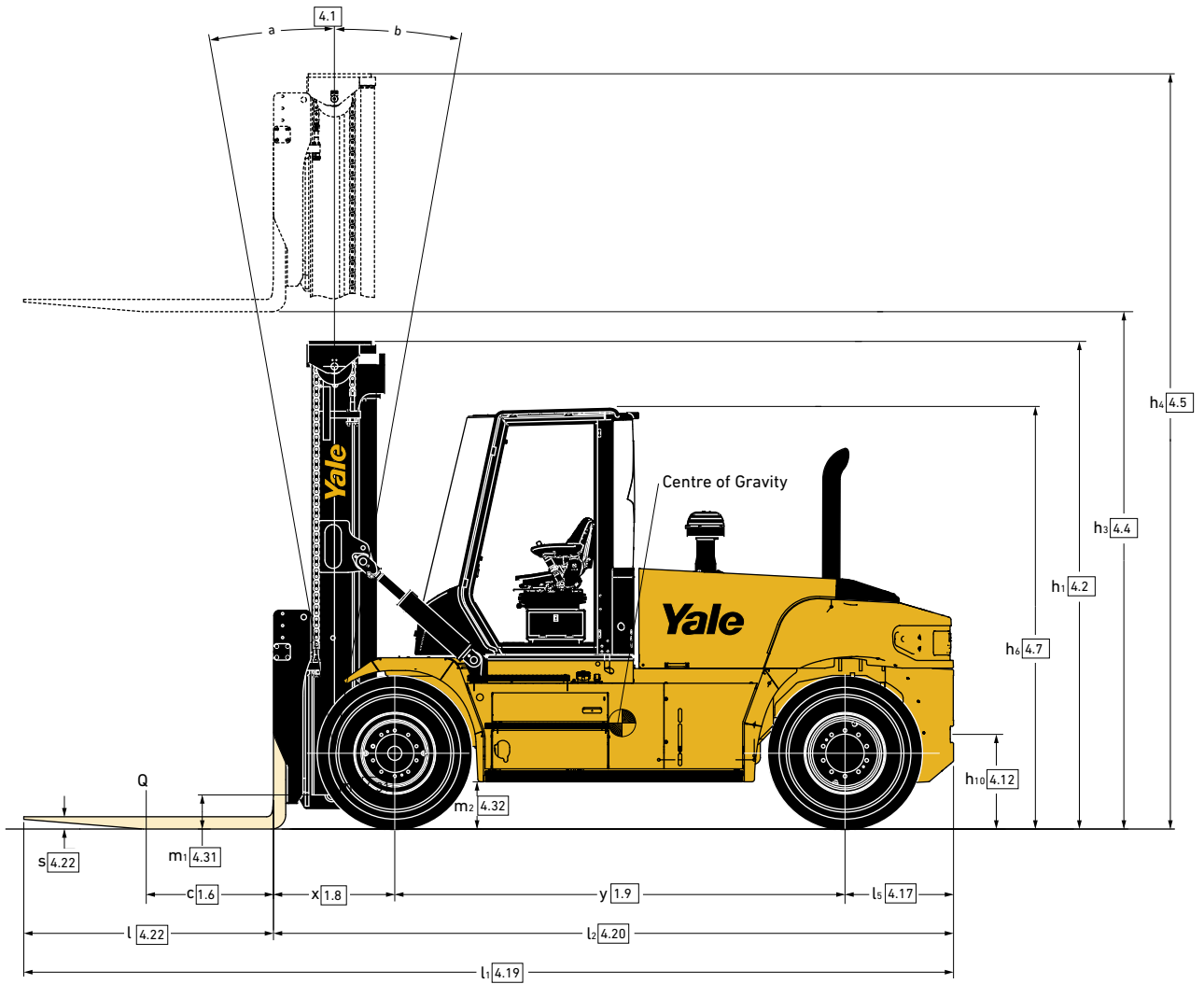
GDP 100-160DF/EF

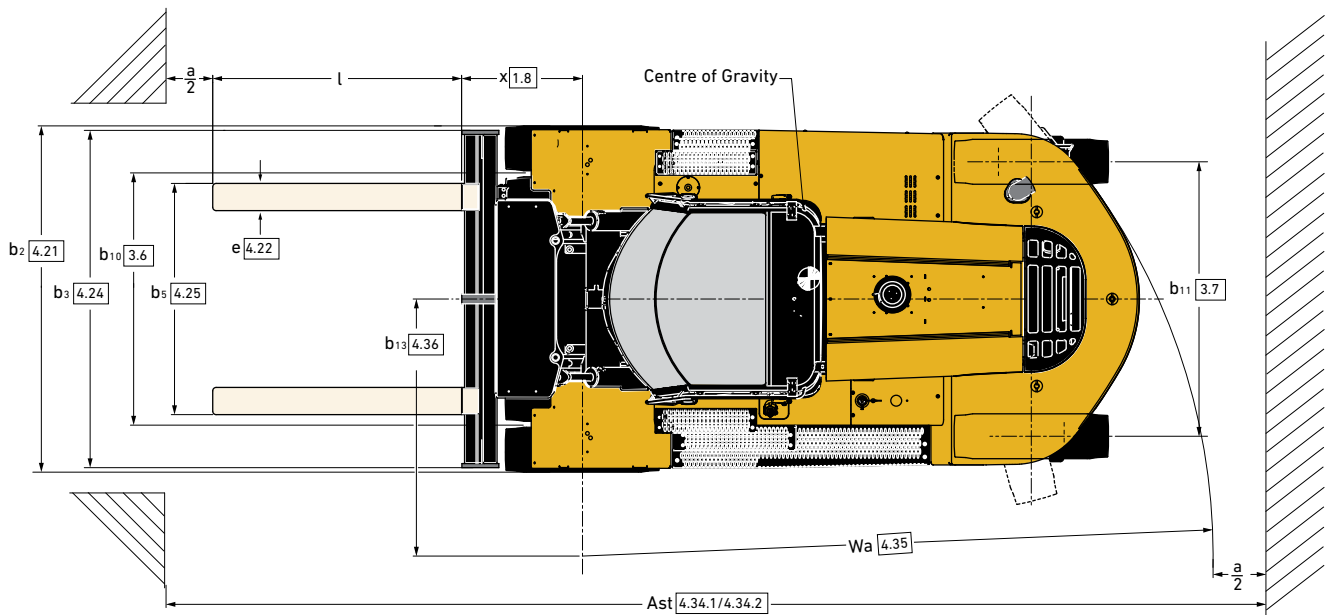
SPEC SHEET

High-capacity
pneumatic tyre forklift

10,000-16,000kg

TRUCK DIMENSIONS





= Centre of gravity of unladen truck

$$AST = Wa + x + l_6 + a \text{ (if } b_{12/2} < b_{13})$$

$$AST = Wa + ((l_6+x)^2 + (b_{12/2}-b_{13})^2)^{0.5} + a \text{ (if } b_{12/2} > b_{13} \text{ and } Wa > b_{13} + b_{12/2})$$

$$AST = b_{13} + b_{12/2} ((l_6+x)^2 + (b_{12/2}-b_{13})^2)^{0.5} + a \text{ (if } b_{12/2} > b_{13} \text{ and } Wa < b_{13} + b_{12/2})$$

a = Minimum operating clearance = 10% of Ast

(VDI standard = 200mm BITA recommendation = 300mm)

l₆ = load width

b₁₂ = load width

GDP100-120DF GENERAL SPECIFICATIONS

CHARACTERISTICS			Yale				
			GDP100DF		GDP120DF		
1.1	Manufacturer (abbreviation)						
1.2	Manufacturer's type designation						
1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Diesel				
1.4	Operator type: hand, pedestrian, standing, seated, orderpicker		Seated				
1.5	Rated capacity / rated load	Q kg	10,500		12,500		
1.6	Load centre distance	c mm	600				
1.8	Load distance	x mm	809				
1.9	Wheelbase	y mm	2,900				
WT.	2.1	Service weight *	14,470		15,882		
	2.2	Axle loading, laden front / rear	23,155	1,815	26,034	2,348	
	2.3	Axle loading, unladen front / rear	7,553	6,917	7,460	8,421	
WHEELS & TYRES	3.1	Tyres: L = pneumatic, V = solid, SE = pneumatic shape solid		L			
	3.2	Tyres size, front		10.00-20 16PR			
	3.3	Tyres size, rear		10.00-20 16PR			
	3.5	Wheels, number front / rear (x = driven wheels)		4X / 2			
	3.6	Track width, front	b10 mm	1,842			
	3.7	Track width, rear	b11 mm	2,020			
	DIMENSIONS	4.1	Mast tilt : forward / backwards	α / β °	15° / 12°		
4.2		Height of mast lowered (unloaded)	h1 mm	4,135			
4.3		Free lift	h2 mm	-			
4.4		Lift height (bottom of forks)	h3 mm	4,925			
4.5		Height of mast extended (unloaded)	h4 mm	6,597			
4.7		Height of overhead guard (open cab)	h6 mm	3,055			
4.7.1		Height of overhead guard (closed cab)	h6 mm	3,082			
4.7.2		Height of overhead guard (closed cab w/ airco)	h6 mm	3,082			
4.7.3		Height of overhead guard (closed cab w/ strobe light)	h6 mm	3,177			
4.7.4		Height of overhead guard (closed cab w/ work lights)	h6 mm	3,231			
4.7.5		Height of overhead guard (closed cab w/ airco & strobe light)	h6 mm	3,207			
4.8		Seat height (Seat Index Point, ISO 5353)	h7 mm	1,875			
4.12		Coupling height	h10 mm	661			
4.17		Overhang	l5 mm	795			
4.19		Overall length	l1 mm	5,724			
4.20		Length to face of forks	l2 mm	4,504			
4.21		Overall width truck	b2 mm	2,490			
4.22		Fork dimensions	s/e/l mm	75 / 200 / 1,220			
4.23		Carriage type		75mm std pin type			
4.24		Carriage width	b3 mm	2,396			
4.25		Distance over fork arms, minimum / maximum	b5 mm	534 / 2256			
4.30		Sideshift (min / max)	b8 mm	-			
4.31		Ground clearance, under mast (w/o load)	m1 mm	253			
4.32		Ground clearance, centre of wheelbase	m2 mm	313			
4.33		Load size	w x l mm	1,200 x 1,200			
4.33.1		Aisle width (a=10%)	Ast mm	6,732			
4.33.2		Aisle width (a=0)	Ast mm	6,120			
4.33.3		Aisle width (a=200)	Ast mm	6,320			
4.34		Load size	w x l mm	1,200 x 800			
4.34.1		Aisle width (a=10%)	Ast mm	6,292			
4.34.2		Aisle width (a=0)	Ast mm	5,720			
4.34.3		Aisle width (a=200)	Ast mm	5,920			
4.35		Turning radius (outer)	Wa mm	4,107			
4.36		Internal turning radius	b13 mm	1,538			
PERFORMANCE T3		5.1	Travel speed laden/unladen T3**	km/h	29.7		30.9
		5.2	Lifting speed laden/unladen 90cc T3	m/s	0.40		
	5.2.1	Lifting speed laden/unladen 111cc T3	m/s	0.47		0.54	
	5.2.2	Lifting speed laden/unladen 126cc T3	m/s	-			
	5.3	Lowering speed laden/unladen	m/s	0.54		0.48	
	5.5	Drawbar pull laden/unladen @ 1.6 km/hour T3	kN	95		97	
	5.6	Drawbar pull laden/unladen @ stall T3	kN	105		107	
	5.7	Gradeability laden/unladen @ 1.6 km/hour T3	%	42	33	36	32
5.8	Gradeability laden/unladen @ stall T3	%	48	33	41	32	
PERFORMANCE T4	5.1	Travel speed laden/unladen T4**	km/h	29.7		30.9	
	5.2	Lifting speed laden/unladen 90cc T4	m/s	0.40			
	5.2.1	Lifting speed laden/unladen 111cc T4	m/s	0.50		0.54	
	5.2.2	Lifting speed laden/unladen 126cc T4	m/s	-			
	5.3	Lowering speed laden/unladen	m/s	0.54		0.48	
	5.5	Drawbar pull laden/unladen @ 1.6 km/hour T4	kN	100		102	
	5.6	Drawbar pull laden/unladen @ stall T4	kN	111		113	
	5.7	Gradeability laden/unladen @ 1.6 km/hour T4	%	45	33	32	38
5.8	Gradeability laden/unladen @ stall T4	%	51	33	32	43	
OTHERS	10.1	Operating pressure for attachments	MPa	19.5			
	10.2	Oil volume for attachments	l/min	100			
	10.3	Hydraulic tank capacity	l	109			
	10.4	Fuel tank capacity	l	151			
	10.4.1	DEF tank capacity	l	19			
	10.5	Steering design		Hydraulic power steering			
	10.6	Number of steering rotation		5.0			
	10.8	Towing coupling, model / type		Yes / Pin			

* Truck models based on Tier 3 engine and Standard pin CRG without fork positioning.

** Travel speed laden/unladen limited at 25 km/h as factory default.

All values are nominal values and they are subject to tolerances. For further information, please contact the manufacturer. Yale products might be subject to change without notice. Lift trucks illustrated may feature optional equipment. Values may vary with alternative configurations.

GDP140-160EF GENERAL SPECIFICATIONS

CHARACTERISTICS			Yale				
			GDP140EF		GDP160EF		
1.1	Manufacturer (abbreviation)						
1.2	Manufacturer's type designation						
1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Diesel				
1.4	Operator type: hand, pedestrian, standing, seated, orderpicker		Seated				
1.5	Rated capacity / rated load	Q kg	14,500		16,500		
1.6	Load centre distance	c mm	600				
1.8	Load distance	x mm	889				
1.9	Wheelbase	y mm	3,300				
WT.	2.1	Service weight *	18,483		19,459		
	2.2	Axle loading, laden front / rear	30,249	2,734	33,225	2,734	
	2.3	Axle loading, unladen front / rear	9,206	9,277	9,280	10,179	
WHEELS & TYRES	3.1	Tyres: L = pneumatic, V = solid, SE = pneumatic shape solid		L			
	3.2	Tyres size, front		12.00-20 20PR			
	3.3	Tyres size, rear		12.00-20 20PR			
	3.5	Wheels, number front / rear (x = driven wheels)		4X / 2			
	3.6	Track width, front	b10 mm	1,842			
	3.7	Track width, rear	b11 mm	2,018			
	DIMENSIONS	4.1	Mast tilt : forward / backwards	α / β °	15° / 12°		
4.2		Height of mast lowered (unloaded)	h1 mm	4,193			
4.3		Free lift	h2 mm	-			
4.4		Lift height (bottom of forks)	h3 mm	4,910			
4.5		Height of mast extended (unloaded)	h4 mm	6,648			
4.7		Height of overhead guard (open cab)	h6 mm	3,083			
4.7.1		Height of overhead guard (closed cab)	h6 mm	3,110			
4.7.2		Height of overhead guard (closed cab w/ airco)	h6 mm	3,110			
4.7.3		Height of overhead guard (closed cab w/ strobe light)	h6 mm	3,205			
4.7.4		Height of overhead guard (closed cab w/ work lights)	h6 mm	3,259			
4.7.5		Height of overhead guard (closed cab w/ airco & strobe light)	h6 mm	3,235			
4.8		Seat height (Seat Index Point, ISO 5353)	h7 mm	1,903			
4.12		Coupling height	h10 mm	689			
4.17		Overhang	l5 mm	795			
4.19		Overall length	l1 mm	6,814			
4.20		Length to face of forks	l2 mm	4,984			
4.21		Overall width truck	b2 mm	2,541			
4.22		Fork dimensions	s/e/l mm	90 / 200 / 1,830			
4.23		Carriage type		90mm std pin type			
4.24		Carriage width	b3 mm	2,496			
4.25		Distance over fork arms, minimum / maximum	b5 mm	534 / 2356			
4.30		Sideshift (min / max)	b8 mm	-			
4.31		Ground clearance, under mast (w/o load)	m1 mm	245			
4.32		Ground clearance, centre of wheelbase	m2 mm	341			
4.33		Load size	w x l mm	1,200 x 1,200			
4.33.1		Aisle width (a=10%)	Ast mm	7,399			
4.33.2		Aisle width (a=0)	Ast mm	6,726			
4.33.3		Aisle width (a=200)	Ast mm	6,926			
4.34		Load size	w x l mm	1,200 x 800			
4.34.1		Aisle width (a=10%)	Ast mm	6,959			
4.34.2	Aisle width (a=0)	Ast mm	6,326				
4.34.3	Aisle width (a=200)	Ast mm	6,526				
4.35	Turning radius (outer)	Wa mm	4,573				
4.36	Internal turning radius	b13 mm	1,777				
PERFORMANCE T3	5.1	Travel speed laden/unladen T3**	km/h	27.4		29.0	
	5.2	Lifting speed laden/unladen 90cc T3	m/s	-			
	5.2.1	Lifting speed laden/unladen 111cc T3	m/s	0.36	0.40		
	5.2.2	Lifting speed laden/unladen 126cc T3	m/s	-			
	5.3	Lowering speed laden/unladen	m/s	0.54	0.48		
	5.5	Drawbar pull laden/unladen @ 1.6 km/hour T3	kN	99	102	99	101
	5.6	Drawbar pull laden/unladen @ stall T3	kN	111		114	
	5.7	Gradeability laden/unladen @ 1.6 km/hour T3	%	32	33	29	32
5.8	Gradeability laden/unladen @ stall T3	%	37	33	33	32	
PERFORMANCE T4	5.1	Travel speed laden/unladen T4**	km/h	27.4		29.0	
	5.2	Lifting speed laden/unladen 90cc T4	m/s	-			
	5.2.1	Lifting speed laden/unladen 111cc T4	m/s	-			
	5.2.2	Lifting speed laden/unladen 126cc T4	m/s	0.41	0.46		
	5.3	Lowering speed laden/unladen	m/s	0.54	0.48		
	5.5	Drawbar pull laden/unladen @ 1.6 km/hour T4	kN	104		107	
	5.6	Drawbar pull laden/unladen @ stall T4	kN	117		120	
	5.7	Gradeability laden/unladen @ 1.6 km/hour T4	%	34	33	31	32
5.8	Gradeability laden/unladen @ stall T4	%	39	33	35	32	
OTHERS	10.1	Operating pressure for attachments	MPa	19.5			
	10.2	Oil volume for attachments	l/min	100			
	10.3	Hydraulic tank capacity	l	109			
	10.4	Fuel tank capacity	l	203			
	10.4.1	DEF tank capacity	l	19			
	10.5	Steering design		Hydraulic power steering			
	10.6	Number of steering rotation		5.0			
	10.8	Towing coupling, model / type		Yes / Pin			

* Truck models based on Tier 3 engine and Standard pin CRG without fork positioning.

** Travel speed laden/unladen limited at 25 km/h as factory default.

All values are nominal values and they are subject to tolerances. For further information, please contact the manufacturer. Yale products might be subject to change without notice. Lift trucks illustrated may feature optional equipment. Values may vary with alternative configurations.

GDP160EFS12 GENERAL SPECIFICATIONS

CHARACTERISTICS				Yale			
				GDP160EFS12			
1.1	Manufacturer (abbreviation)			Yale			
1.2	Manufacturer's type designation			GDP160EFS12			
1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas			Diesel			
1.4	Operator type: hand, pedestrian, standing, seated, orderpicker			Seated			
1.5	Rated capacity / rated load	Q	kg	16,400			
1.6	Load centre distance	c	mm	1,200			
1.8	Load distance	x	mm	941			
1.9	Wheelbase	y	mm	3,500			
WT.	2.1	Service weight *	kg	23,461			
	2.2	Axle loading, laden front / rear	kg	36,401	3,459		
	2.3	Axle loading, unladen front / rear	kg	9,969	13,491		
WHEELS & TYRES	3.1	Tyres: L = pneumatic, V = solid, SE = pneumatic shape solid			L		
	3.2	Tyres size, front			12.00 R 20		
	3.3	Tyres size, rear			12.00 R 20		
	3.5	Wheels, number front / rear (x = driven wheels)			4X / 2		
	3.6	Track width, front	b10	mm	1,844		
	3.7	Track width, rear	b11	mm	2,020		
	DIMENSIONS	4.1	Mast tilt : forward / backwards	α / β	$^{\circ}$	6 $^{\circ}$ / 10 $^{\circ}$	
4.2		Height of mast lowered (unloaded)	h1	mm	4,008		
4.3		Free lift	h2	mm	-		
4.4		Lift height (bottom of forks)	h3	mm	4,494		
4.5		Height of mast extended (unloaded)	h4	mm	6,255		
4.7		Height of overhead guard (open cab)	h6	mm	3,083		
4.7.1		Height of overhead guard (closed cab)	h6	mm	3,110		
4.7.2		Height of overhead guard (closed cab w/ airco)	h6	mm	3,110		
4.7.3		Height of overhead guard (closed cab w/ strobe light)	h6	mm	3,205		
4.7.4		Height of overhead guard (closed cab w/ work lights)	h6	mm	3,259		
4.7.5		Height of overhead guard (closed cab w/ airco & strobe light)	h6	mm	3,235		
4.8		Seat height (Seat Index Point, ISO 5353)	h7	mm	1,903		
4.12		Coupling height	h10	mm	689		
4.17		Overhang	l5	mm	942		
4.19		Overall length	l1	mm	7,823		
4.20		Length to face of forks	l2	mm	5,383		
4.21		Overall width truck	b2	mm	2,541		
4.22		Fork dimensions	s/e/l	mm	100 / 200 / 2,440		
4.23		Carriage type				100mm std pin type	
4.24		Carriage width	b3	mm	2,540		
4.25		Distance over fork arms, minimum / maximum	b5	mm	470 / 2440		
4.30		Sideshift (min / max)	b8	mm	-		
4.31		Ground clearance, under mast (w/o load)	m1	mm	225		
4.32		Ground clearance, centre of wheelbase	m2	mm	341		
4.33		Load size	w x l	mm	2,400 x 2,400		
4.33.1		Aisle width (a=10%)	Ast	mm	9,140		
4.33.2		Aisle width (a=0)	Ast	mm	8,309		
4.33.3		Aisle width (a=200)	Ast	mm	8,509		
4.34		Load size	w x l	mm	-		
4.34.1		Aisle width (a=10%)	Ast	mm	-		
4.34.2	Aisle width (a=0)	Ast	mm	-			
4.34.3	Aisle width (a=200)	Ast	mm	-			
4.35	Turning radius (outer)	Wa	mm	4,889			
4.36	Internal turning radius	b13	mm	1,803			
PERFORMANCE T3	5.1	Travel speed laden/unladen T3**	km/h	27.1	29.0		
	5.2	Lifting speed laden/unladen 90cc T3	m/s	-	-		
	5.2.1	Lifting speed laden/unladen 111cc T3	m/s	-	-		
	5.2.2	Lifting speed laden/unladen 126cc T3	m/s	0.3	0		
	5.3	Lowering speed laden/unladen	m/s	0.54	0.45		
	5.5	Drawbar pull laden/unladen @ 1.6 km/hour T3	kN	98	101		
	5.6	Drawbar pull laden/unladen @ stall T3	kN	110	113		
	5.7	Gradeability laden/unladen @ 1.6 km/hour T3	%	26	31		
5.8	Gradeability laden/unladen @ stall T3	%	29	31			
PERFORMANCE T4	5.1	Travel speed laden/unladen T4**	km/h	27.1	29.0		
	5.2	Lifting speed laden/unladen 90cc T4	m/s	-	-		
	5.2.1	Lifting speed laden/unladen 111cc T4	m/s	-	-		
	5.2.2	Lifting speed laden/unladen 126cc T4	m/s	0.39	0.44		
	5.3	Lowering speed laden/unladen	m/s	0.54	0.45		
	5.5	Drawbar pull laden/unladen @ 1.6 km/hour T4	kN	107	110		
	5.6	Drawbar pull laden/unladen @ stall T4	kN	120	123		
	5.7	Gradeability laden/unladen @ 1.6 km/hour T4	%	28	31		
5.8	Gradeability laden/unladen @ stall T4	%	32	31			
OTHERS	10.1	Operating pressure for attachments	MPa	19.5			
	10.2	Oil volume for attachments	l/min	100			
	10.3	Hydraulic tank capacity	l	109			
	10.4	Fuel tank capacity	l	203			
	10.4.1	DEF tank capacity	l	19			
	10.5	Steering design				Hydraulic power steering	
	10.6	Number of steering rotation				5.0	
	10.8	Towing coupling, model / type				Yes / Pin	

* Truck models based on Tier 3 engine and Standard pin CRG without fork positioning.

** Travel speed laden/unladen limited at 25 km/h as factory default.

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10-12T NOMINAL CAPACITY IN KG @ 600MM LOAD CENTRE WITH PIN TYPE CARRIAGE WITH SIDESHIFT, 2 STAGE NFL

Lift height TOF h3+s (mm)	Overall lowered height h1 (mm)	Overall extended height h4 (mm)	SS PIN CRG (kg)	
			GDP100DF	GDP120DF
3750	3510	5347	10,400	12,400
4750	4010	6347	10,400	12,400
6250	4760	7847	10,000	12,000

Capacity calculated with 1220mm forks

* Smaller derate applicable with less backtilt

Note: addition of header hoses will add 17mm to OLH (h1) and OEH (h4)

14-16T NOMINAL CAPACITY IN KG @ 600MM LOAD CENTER WITH PIN TYPE CARRIAGE WITH SIDESHIFT, 2 STAGE NFL

Lift height TOF h3+s (mm)	Overall lowered height h1 (mm)	Overall extended height h4 (mm)	SS PIN CRG (kg)	
			GDP140EF	GDP160EF
3750	3568	5398	14,500	16,400
4750	4068	6398	14,500	16,400
6250	4818	7898	14,040	15,900

Capacity calculated with 1830mm forks.

Capacity calculated with bias tires.

Note: addition of header hoses will add 17mm to OLH (h1) and OEH (h4)

16T NOMINAL CAPACITY IN KG @ 1200MM LOAD CENTER WITH QUICK DISCONNECT CARRIAGE, 2 STAGE NFL

Lift height TOF h3+s (mm)	Overall lowered height h1 (mm)	Overall extended height h4 (mm)	DFSSFP QD CRG (kg)*
			GDP160EFS12
2-STAGE NFL MAST			
3984	3703	5645	16,000
4594	4008	6255	16,000
6219	4821	7880	-

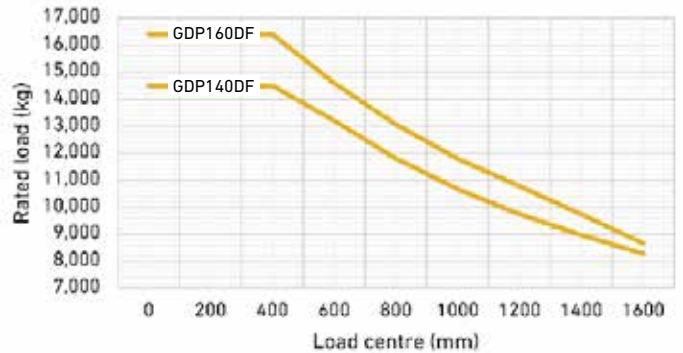
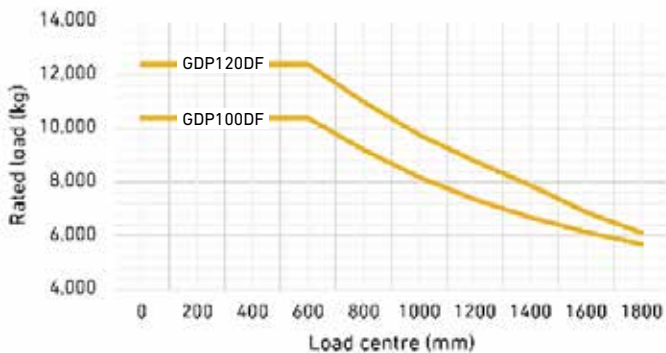
* Capacity will vary based on side shift and tilt

Capacity calculated with 2440mm forks.

Capacity calculated with bias tires, radial tires will give a higher derate for DFSSFP carriage above 5000 mm LH

Note: addition of header hoses will add 17mm to OLH (h1) and OEH (h4)

10-16T RATED CAPACITY WITH PIN TYPE SIDESHIFT FRAME CARRIAGE WITH FORK POSITIONER



Load centre

Distance from front of forks to centre of gravity of load

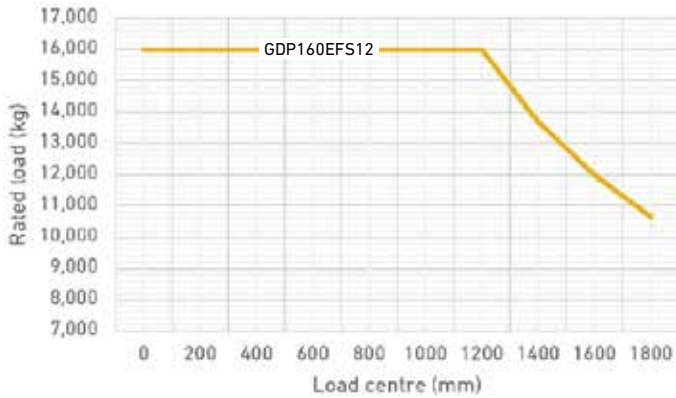
Rated load

Based on vertical mast

Graphs

- Graph are based on 5000mm TOF (h3 + s (mm)) lift height and 1220mm long forks.
- Long load centre capacities are for reference only and will require longer forks.
- Please request actual capacity based on the full configuration.

16T RATED CAPACITY WITH DF-SS-FP CARRIAGE



Load centre

Distance from front of forks to centre of gravity of load

Rated load

Based on 5000mm 2-stage TOF NFL mast

Graph

- Graph is based on 4594mm TOF (h3 + s (mm)) lift height and 2440mm long forks.
- Long load centre capacities are for reference only and will require longer forks.
- Please request actual capacity based on the full configuration.

POWERTRAINS

GENERAL		Yale			
1.1	Manufacturer (abbreviation)	Yale			
1.2	Manufacturer's type designation	GDP100-120DF, GDP140-160EF, GDP160EFS12			
1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas	Diesel			
1.9	Wheelbase	y (mm)	2900-3500		
ENGINE		Cummins QSB 6.7 Tier 3		Cummins QSB 6.7 Tier 4	
7.1	Engine manufacturer / type	Cummins QSB 6.7 Tier 3		Cummins QSB 6.7 Tier 4	
7.2	Engine output according to ISO 1585 nominal	kW@rpm	116@2300	122@2300	
7.2.1	Engine output according to ISO 1585 max	kW@rpm	116@2300	125@2100	
7.2.2	Maximum engine torque	Nm@rpm	597@1500	732@1500	
7.3	Rated speed	rpm	2,300		
7.4	Number of cylinders / displacement	/ cm3	6 / 6700		
7.5	Fuel consumption in accordance to VDI	l/h	Call		
7.8	Alternator	A	120		
7.10	Battery voltage/nominal capacity	V / Ah	24 / 102		
OTHERS					
10.7	Sound pressure level per EN 12053 at the driver's seat ***	dB (A)	-		
10.7.1	Sound power level per EN 12053 during the working cycle ***	dB (A)	TBD		

*** Sound level(s) based on low mount exhaust

POWERTRAINS

GENERAL		Yale	
1.1	Manufacturer (abbreviation)	Yale	
1.2	Manufacturer's type designation	GDP100-120DF	GDP140-160EF, GDP160EFS12
DRIVE TRAIN		Torque Converter	
8.1	Type of drive unit	Torque Converter	
8.2	Transmission Manufacturer / Type	ZF / 3WG161	
8.3	Drive axle Manufacturer / Type	Kessler D61	Kessler D81
8.4	Service brake	Oil immersed disc	
8.5	Parking brake	dry disc on drive axle	

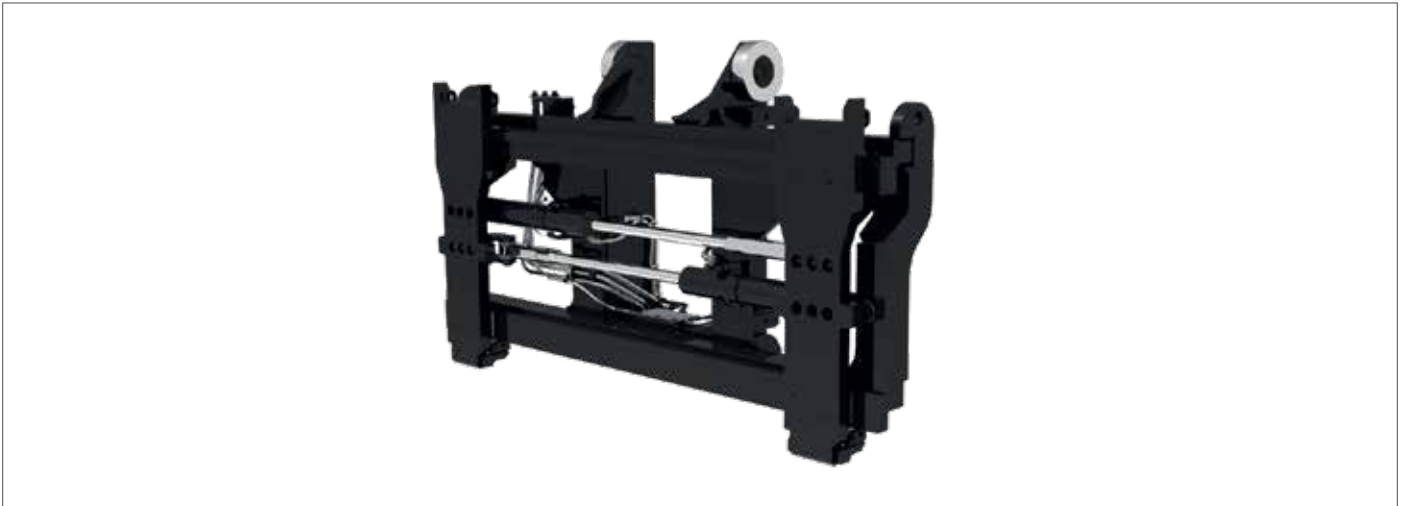
GP100-160DF/EF FRONT END EQUIPMENT

Pin type carriage with simultaneous and independent fork positioner



GDP160EFS12 FRONT END EQUIPMENT

QD hook type dual function sideshift carriage with fork positioner



Range of pin type and hook type forks



FEATURES LIST

PERFORMANCE	STD	OPT	HANDLING	STD	OPT
Cummins QSB 6.7L Tier 3 diesel engine 156 hp (116 kW)	Tier 3		2400mm (94.3") pin type integral sideshift carriage with simultaneous and independent fork positioner (GDP100DF / GDP120DF)	●	
Cummins QSB 6.7L Tier 4F diesel engine 164 hp (122 kW)		Tier 4	2500mm (98") high load backrest (for lumber applications) (GDP100DF / GDP120DF)		●
Hydraulic driven cooling fan	●		2010mm (79") high load backrest (GDP100DF / GDP120DF)		●
Performance modes	Tier 4		Pin type forks (various sizes) (GDP100DF / GDP120DF)		●
Powertrain protection system	●		2500mm (94.3") pin type integral sideshift carriage with simultaneous and independent fork positioner (GDP140EF / GDP160EF)	●	
Heavy duty air intake	●		2500mm (98") high load backrest (for lumber applications) (GDP140EF / GDP160EF)		●
High mount exhaust	●		2010mm (79") high load backrest (GDP140EF / GDP160EF)		●
ZF Transmission 3WG161 3-speeds forward/3-speeds reverse auto shifting	●		Pin type forks (various sizes) (GDP140EF / GDP160EF)		●
Kessler drive axle with wet disc brakes	●		2540mm (100") hook type dual function sideshift carriage with individual fork positioner with Quick Disconnect forks	●	
DRIVE	STD	OPT	ERGONOMICS	STD	OPT
Speed Limiter - unconditional and customer adjustable		●	Enclosed classic cabin	●	
Travel Speed Limiter - loaded (adjustable)		●	Powered tilt operator compartment for service	●	
10.00 - 20 16PR Pneumatic Bias Ply drive and steer tyres (GDP100DF / GDP120DF)	●		Isolated cabin mounting for low noise and vibration	●	
12.00 - 20 20PR Pneumatic Bias Ply drive and steer tyres (GDP140EF / GDP160EF)	●		Operator presence system	●	
12.00 - 20 20 Pneumatic Bias drive and steer tyres (GDP160EFS12)	●		Deluxe air suspension seat	●	
LIFT	STD	OPT	Cloth seat cover	●	
On-demand load sensing hydraulic system	●		2-point high visibility seatbelt	●	
Automatic throttle-up when lifting (in neutral or inching)	●		Floor mat	●	
Hydraulic accumulator		●	Coat hook	●	
Pressure compensated lowering	●		"I"-pattern front wiper (enclosed classic operator cabin)	●	
Hydraulic system temperature protection		●	Steel bars under glass top window (enclosed classic operator cabin)	●	
Mast Tilt Indicator - Mechanical		●	7" Integrated performance display	●	
90cc dual pump hydraulic system (GDP100DF / GDP120DF)	●		Accutouch mini levers hydraulic control integrated in control arm	●	
Four mast mounted work lights (GDP100DF / GDP120DF)	●		Steering wheel with spinner knob	●	
2 stage non free lift 10T and 12T mast (GDP100DF / GDP120DF)	●		Directional control lever	●	
Mast tilt - 15° forward / 12° back (GDP100DF / GDP120DF)	●		Foot Directional Control Pedal		●
111cc dual pump hydraulic system (GDP140EF / GDP160EF)	●		Directional control on Mini-levers or Joystick		●
Four mast mounted work lights (GDP140EF / GDP160EF)	●		Park brake - manual	●	
2 stage non free lift 16T mast (GDP140EF / GDP160EF)	●		Telescoping and tilting steering column	●	
Mast tilt - 15° forward / 12° back (GDP140EF / GDP160EF)	●		USB outlet inside armrest	●	
126cc dual pump hydraulic system (GDP160EFS12)	●		24-12 DC converter with 2 sockets and 2 USB outlets		●
Two mast mounted work lights (GDP160EFS12)	●				
2 stage non free lift 18T mast (GDP160EFS12)	●				
Mast tilt - 15° forward / 12° back (GDP160EFS12)	●				

FEATURES LIST

ERGONOMICS CONTINUED			APPEARANCE		
	STD	OPT		STD	OPT
Automatic climate control	●		Yale gold paint base truck	●	
Reading light		●	SUPPLEMENTAL		
Sun shades on top and rear	●		Literature package	●	
Sun visors front window		●	Operator's manual	●	
Trainer seat		●	Warranty: 12 Months / 2,000 Hours Parts manufacturer's warranty	●	
Recirculation fan		●			
Accessory mounting bar on cab front right pillar		●			
Radio preparation set-up (wiring, two speakers and antenna)		●			
VISIBILITY					
Exterior mirrors mounted to cab	●				
Interior wide angle mirrors	●				
Rear view camera system		●			
LED work lights	●				
Two head lights mounted on front fenders	●				
Mast mounted work lights	●				
Two rearward work lights mounted on the cabin	●				
LED stop/tail/brake lights	●				
Turn signals, hazard and marker lights (LED)	●				
OPERATION					
Electric horn 105 dBA	●				
Visible alarm - Amber strobe light, key switch activated	●				
Audible alarm - reverse direction activated 82-102 dB(A), self-adjusting	●				
Blue LED spotlight - rear / front and rear		●			
Air-conditioning or automatic climate control off with open door	●				
Automatic truck shutdown with timer		●			
Lockable battery disconnect switch		●			
Truck Start with key switch and start button	●				
Sequential seatbelt interlock for truck start	●				
Power distribution group with fuses	●				
Lockable fuel cap	●				
Yale Vision™ wireless asset management - Access / Verification		●			
Yale Vision™ wireless asset management - Monitoring	●				
Auto greasing system for basic truck and outer mast		●			
24 volt electrical system	●				
Front mud flaps		●			
Rear mud flaps		●			
Lifting eyes - 2 front and 2 rear		●			

About Yale



Yale Lift Truck Technologies leverages over a century of material handling experience and substantial investment in innovation to bring the most advanced technology-driven lift truck solutions to market. The company offers a full line of award-winning lift trucks, including reach trucks, order pickers, turret trucks, pallet jacks and trucks, pallet stackers, tow tractors and counterbalanced forklifts, as well as powerful operator assist solutions, proven robotics and a wide range of power sources to help customers adapt to today's demanding supply chain. Yale and its independent dealer network support these solutions with comprehensive after-sales service, parts, financing and training.

MATERIALS HANDLING FOR:

3PL

Auto Parts Distribution

Beverage

Cold & Frozen Foods

Food Distribution

Food Processing

Furniture & Furnishings

Government

Health & Pharma

Home Centers

Retail & E-commerce

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