

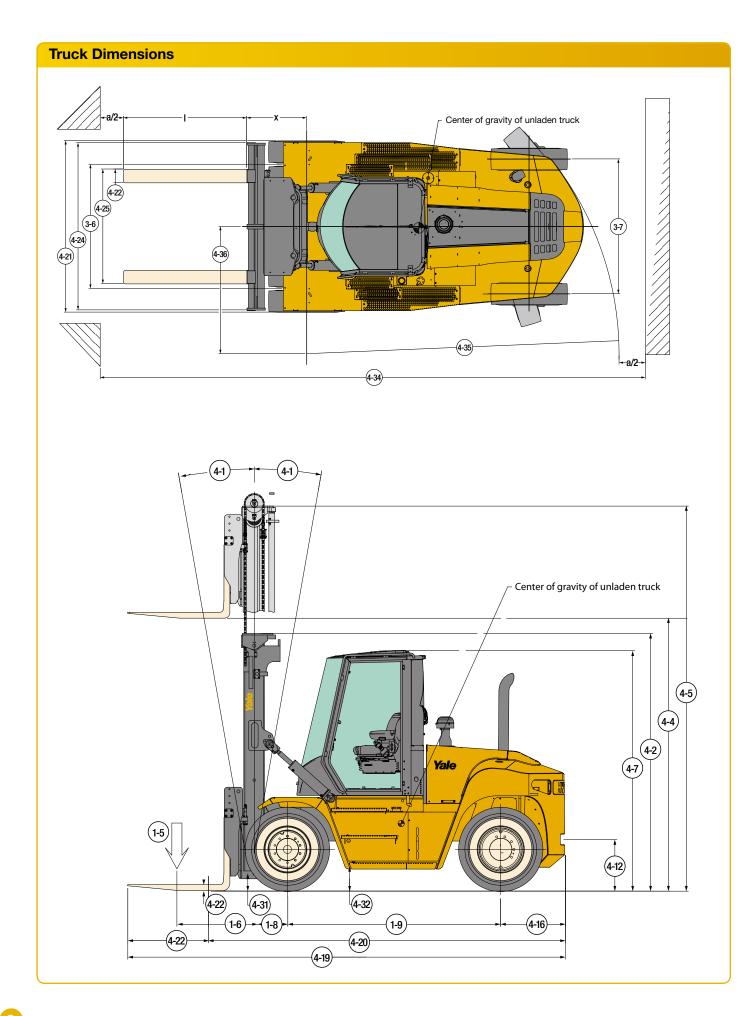
GDP300-360EF

Counterbalanced Forklift Trucks

30,000 / 33,000 / 36,000 lb

- Optimal productivity with low fuel consumption
- Outstanding maneuverability to meet the demands of tough application in lumber, concrete and heavy cargo industries
- Designed for versatility with multiple attachments including tire handlers, paper roll clamps and concrete clamps





	Gene	ral Specifications GDP300EF / GDI	2330	EF									
	1-1	Manufacturer	T	1	1		YA	ALE			YA	ALE.	
	1-2	Model designation						300EF				330EF	
١.	1-3	Powertrain / drivetrain						esel				esel	
GENERAL	1-4	Operator type						ated				ated	
뿚	1-5	Rated capacity / rated load	Q	lb	kg	30,0		1	608	33,0		14,9	969
떙	1-6	Load center distance	C,	in	mm	2		,	10	2		61	
	1-8	Load distance	X	in	mm	3			39	3		88	
	1-9	Wheelbase	v	in	mm	13			300	13		3,3	
	2-1	Service weight	1	lb	kg	39,			839	41,		18,6	
¥.	2-2	Axle loading with load, front / rear		lb	kg	64,122	29,085	5,206	2,362	68,444	31,046	5,658	2,567
>	2-3	Axle loading without load, front / rear		lb	kg	20,498	9,298	18,830	8,541	20,459	9,280	20,644	9,364
	3-1	Tire type				.,	,	matic	-,-	.,	,	ımatic	-,
	3-2	Tire size, front						20 20PR				20 20PR	
SE	3-3	Tire size, rear						20 20PR				20 20PR	
WHEELS	3-5	Wheels, number front / rear (x = driven wheels)					x4	/2			x4	/ 2	
3	3-6	Tread, front	b ₁₀	in	mm	72	2.5	1,8	342	72	5	1,8	42
	3-7	Tread, rear	b ₁₁	in	mm	78	3.7	2,0	000	78	3.7	2,0	00
	4-1	Mast tilt, forward / backward	α/β	deg	deg		15°	/ 12°			15°	/ 12°	
	4-2	Height, mast lowered	h,	in	mm	14	41	3,5	568	14	11	3,5	68
	4-3	Free lift (top of forks)	h ₂	in	mm	())	C)	0	
	4-4	Lift (top of forks)	h ₃	in	mm	14	47	3,7	750	14	17	3,7	50
	4-5	Height, mast extended	h ₄	in	mm	21	13	5,3	398	21	13	5,3	98
	4-7	Height of overhead guard (open cab)	h ₆	in	mm	12	1.4	3,0)83	12	1.4	3,0	83
	4-7-1	Height of overhead guard (closed cab)	h ₆	in	mm	12:	2.4	3,1	10	122	2.4	3,1	10
	4-7-2	Height of overhead guard (closed cab w/ air cond.)	h ₆	in	mm	12:	2.4	3,1	10	122	2.4	3,1	10
	4-7-3	Height of overhead guard (closed cab w/ strobe light)	h ₆	in	mm	120	6.2	3,2	205	126	6.2	3,2	05
	4-7-4	Height of overhead guard (closed cab w/ work lights)	h ₆	in	mm	128	8.3	3,2	259	128	3.3	3,2	59
	4-7-5	Height of overhead guard (closed cab w/ air cond. & strobe light)	h ₆	in	mm	12	7.4	3,2	235	127	7.4	3,2	35
SS	4-8	Seat height to seat point index	h ₇	in	mm	74	1.9	1,9	903	74	.9	1,9	03
DIMENSIONS	4-19	Overall length	I,	in	mm	26	69	6,8	328	26	69	6,8	28
핕	4-20	Length to face of forks		in	mm	19	97	4,9	998	19	97	4,9	98
듬	4-21	Overall width	b_2	in	mm	10	00	2,5	541	10	00	2,5	41
	4-22	Fork dimensions ISO 2331	s/e/l	in	mm	3.5 / 8	8 / 72	90 / 200) / 1,830	3.5 / 8	3 / 72	90 / 200	/ 1,830
	4-23	Fork carriage type				9	Standard pin	type carriag	е	8	Standard pin	type carriage)
	4-24	Fork carriage width	b_3	in	mm	98	3.3	2,4	196	98	3.3	2,4	96
	4-25-1	Distance between fork-arms, minimum (in-in)	b_5	in	mm	2.	.8	7	0	2.	.8	70	0
	4-25-2	Distance between fork-arms, maximum (out-out)	b_5	in	mm	95	5.3	2,4	120	95	.3	2,4	20
	4-30	Sideshift	b ₈	in	mm	()	C		0)
	4-31	Ground clearance, with load, below mast	m ₁	in	mm	1			45	1		24	
	4-32	Ground clearance, center of wheelbase	m ₂	in	mm	1			41	1:		34	
	4-34	Min. aisle width (add load length and clearance)	Ast	in	mm	21			173	21		5,4	
	4-35	Outside turning radius	W _a	in	mm	18			584	18	30	4,5	84
		PERFORMANCE			1			NS QSB 4				1 1	
	5-1	Travel speed, with / without load (1)		mph	km/h	17	27	18	29	17	27	18	29
	5-1-1	Travel speed, with load locked / without load		mph	km/h		quest		quest	On re		On red	•
	5-2	Lifting speed, with / without load 126cc pump		ft/min	m/s	81	0.41	91	0.46	81	0.41	91	0.46
	5-3	Lowering speed with / without load		ft/min	m/s	98	0.50	94	0.48	98	0.50	94	0.48
	5-5	Drawbar pull - 1 mph 1.6 km/h, with / without load		lb	kN	22,900	109	24,100	111	22,800	108	24,000	111
,,,	5-6	Drawbar pull - stall, with / without load		lb	kN	25,700	121	26,900	123	25,600	121	26,800	123
PERFORMANCE	5-7	Gradeability - 1 mph 1.6 km/h, with / without load		%	%	37	37	37	37	35	35	35	35
₹	5-8	Gradeability - stall, with / without load		%	%	42	42	37	37	39	39	35	35
Ö.	F 4	PERFORMANCE		m=b	Loren II.	47		IINS QSB			07	10	00
监	5-1	Travel speed, with / without load (1)		mph	km/h	17	27	18	29	17	27	18	29
ه ا	5-1-1	Travel speed, with load locked / without load		mph ft/min	km/h		quest		quest	On re		On red	•
	5-2	Lifting speed, with / without load 111cc pump		ft/min	m/s	71	0.36	79	0.40	71	0.36	79	0.40
	5-3	Lowering speed with / without load		ft/min	m/s	98	0.50	94	0.48	98	0.50	94	0.48
	5-5	Drawbar pull - 1 mph 1.6 km/h, with / without load		lb	kN	20,800	99	22,000	102	20,700	99	21,900	101
	5-6	Drawbar pull - stall, with / without load		lb n/	kN	23,600	111	24,700	114	23,400	111	24,600	114
	5-7 5-9	Gradeability - 1 mph 1.6 km/h, with / without load		%	%	33	33	37	37	31	31 50	35	35
	5-8	Gradeability - stall, with / without load		%	%	38	38	37	37	50	50	35	35

	Gene	ral Specifications GDP360EF							
	1-1	Manufacturer					Y	ALE	
	1-2	Model designation						360EF	
	1-3	Powertrain / drivetrain						esel	
젍	1-4	Operator type						ated	
GENERAL	1-5	Rated capacity / rated load	Q	lb	kg	36	000		329
5	1-6	Load center distance	C,	in	mm		4		10
	1-8	Load distance	X	in	mm		5		39
	1-9	Wheelbase	y	in	mm		30		800
	2-1	Service weight	,	lb	kg		867		444
¥.	2-2	Axle loading with load, front / rear		lb	kg	72,765	33,006	6,101	2,768
>	2-3	Axle loading without load, front / rear		lb	kg	20,417	9,261	22,450	10,183
	3-1	Tire type		1.0	Ng	20,417		ımatic	10,100
	3-2	Tire size, front						20 20PR	
WHEELS	3-3	Tire size, rear						20 20PR	
單	3-5	Wheels, number front / rear (x = driven wheels)						· / 2	
⋝			h	in	mm	71		1,8	242
	3-6 3-7	Tread, front	b ₁₀	in	mm	72	2.5		
		Tread, rear	b ₁₁	in	mm	70		· ·	000
	4-1 4-2	Mast tilt, forward / backward	α/β	deg	deg			/ 12°	.60
		Height, mast lowered	h ₁	in	mm		41	3,5	
	4-3	Free lift (top of forks)	h ₂	in	mm)) '50
	4-4	Lift (top of forks)	h ₃	in	mm		47		750
	4-5	Height, mast extended	h ₄	in	mm		13		198
	4-7	Height of overhead guard (open cab)	h ₆	in .	mm	12			083
	4-7-1	Height of overhead guard (closed cab)	h ₆	in	mm	12			10
	4-7-2	Height of overhead guard (closed cab w/ air cond.)	h ₆	in	mm	12			10
	4-7-3	Height of overhead guard (closed cab w/ strobe light)	h ₆	in	mm		6.2		205
	4-7-4	Height of overhead guard (closed cab w/ work lights)	h ₆	in	mm		8.3		259
<u>s</u>	4-7-5	Height of overhead guard (closed cab w/ air cond. & strobe light)	h ₆	in	mm		7.4		235
ᅙ	4-8	Seat height to seat point index	h ₇	in	mm		1.9		003
ä	4-19	Overall length	I ₁	in	mm		69		323
DIMENSIONS	4-20	Length to face of forks		in	mm		97	,	98
	4-21	Overall width	b ₂	in	mm		00	2,5	
	4-22	Fork dimensions ISO 2331	s/e/l	in	mm	3.5 /	8 / 72	90 / 200) / 1,830
	4-23	Fork carriage type					Standard pin	type carriage	
	4-24	Fork carriage width	b ₃	in	mm	9	8	2,4	196
	4-25-1	Distance between fork-arms, minimum (in-in)	b ₅	in	mm	2	.8	7	0
	4-25-2	Distance between fork-arms, maximum (out-out)	b ₅	in	mm	95	5.3	2,4	120
	4-30	Sideshift	b ₈	in	mm	())
	4-31	Ground clearance, with load, below mast	m ₁	in	mm	1	0	24	45
	4-32	Ground clearance, center of wheelbase	m ₂	in	mm	1	3	34	41
	4-34	Min. aisle width (add load length and clearance)	Ast	in	mm	2	15	5,4	173
	4-35	Outside turning radius	Wa	in	mm	18	30	4,5	584
		PERFORMANCE				CUMMINS	QSB6.7 TIER 4F	ENGINE	
	5-1	Travel speed, with / without load (1)		mph	km/h	17	27	18	29
	5-1-1	Travel speed, with load locked / without load		mph	km/h	On re	quest	On re	quest
	5-2	Lifting speed, with / without load 126cc pump		ft/min	m/s	81	0.41	91	0.46
	5-3	Lowering speed with / without load		ft/min	m/s	98	0.50	94	0.48
	5-5	Drawbar pull - 1 mph 1.6 km/h, with / without load		lb	kN	22,500	108	23,900	111
	5-6	Drawbar pull - stall, with / without load		lb	kN	25,300	120	26,800	123
岁	5-7	Gradeability - 1 mph 1.6 km/h, with / without load		%	%	32	32	38	38
ğ	5-8	Gradeability - stall, with / without load		%	%	36	36	38	38
PERFORMANCE		PERFORMANCE				CUMMIN	S QSB6.7 TIER 3	ENGINE	
	5-1	Travel speed, with / without load (1)		mph	km/h	17	27	18	29
-	5-1-1	Travel speed, with load locked / without load		mph	km/h		quest		quest
	5-2	Lifting speed, with / without load 111cc pump		ft/min	m/s	71	0.36	79	0.40
	5-3	Lowering speed with / without load		ft/min	m/s	98	0.50	94	0.48
	5-5	Drawbar pull - 1 mph 1.6 km/h, with / without load		lb	kN	20,400	98	21,800	101
									113
	5-6	Drawbar pull - stall, with / without load		lb	kN	23.200	111	24.000	110
	5-6 5-7	Drawbar pull - stall, with / without load Gradeability - 1 mph 1.6 km/h, with / without load		%	%	23,200 29	29	24,600	38

	Powe	rtrains									
甘	1-1	Manufacturer					Ya	ale			
GENERAL	1-2	Model designation					GDP300	0-360EF			
넁	1-3	Powertrain / drivetrain					Die	esel			
	7-1	Engine manufacturer / model					Cummins	/ QSB 6.7			
	7-1a	EPA / CE compliance				Tier 3 / 5	Stage IIIA	Tier 4F	Stage IV		
	7-2	Engine power output according to ISO 1585		hp	kW	155	116	164	122		
	7-2-1	Engine power output - Peak		hp	kW	155	116	168	125		
끸	7-3	Governed speed		rpm	1/min		2,3	300			
ENGINE	7-3-1	Engine torque @rpm (1/min)		lb-ft	N-m	440 @ 1500	597 @ 1,500	540 @ 1500	732 @ 1,500		
⊞	7-4	Number of cylinders / displacement		# / in³	# / cm ³	6 / 409	6 / 6,700	6 / 409	6 / 6,700		
		Turbocharger		Туре		Wast	egate	Variable geome	try, water cooled		
	7-8	Alternator output		Amps			1:	20			
	7-9	Electrical system voltage		٧			2	24			
	7-10	Battery voltage, rated capacity		V / Ah			24 /	102			
	8-1	Drive control / Transmission		Type / #	ŧ		Powershift 1	Fransmission			
	8-2	Transmission manufacturer / type		Type / #	ŧ		ZF / V	VG161			
ш	8-4	Transmission speeds forward / backward		#			3.	/ 3			
DRIVE	8-5	Coupling		Туре			Torque (Converter			
_	8-6	Wheel drive / drive axle manufacturer / type		Type / #	ŧ		Kessle	r / D81			
	8-11	Service brake		Туре		Oil immersed (wet) disc					
	8-12	Parking brake		Туре			Spring applied, dr	y disc on drive axle			
	10-1	Operating pressure for attachments		psi	I	3,263	22.5	3,263	22.5		
	10-2	Oil volume for attachments		gal/min	l/min	26.4	100	26.4	100		
	10-3	Hydraulic tank capacity		gal	I	37	140	37	140		
	10-4	Fuel tank capacity		gal	I	42	158	42	158		
MISC	10-4-1	DEF tank capacity		gal	I	NA	NA	5	19		
Ξ	10-5	Steering design					Hydraulic po	ower steering			
	10-6	Number of steering rotation					4	.5			
	10-7	Sound pressure level at driver's seat (2)	Lpaz	dB(A)		72.3					
	10-7-1	Sound power level during the working cycle (2)	Lwaz dB 106.5								
	10-8	Towing coupling, model / type					Yes	/ Pin			

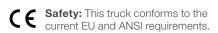
Notes:

Specifications are affected by the condition of the vehicle and how it is equipped, as well as the nature and condition of the operating area. Inform your dealer of the nature and condition of the intended operating area when purchasing your Yale® truck.

- (1) Travel speed laden/unladen limited at 15.5 mph / 25 km/h as factory default
- (2) T4 engine based on low mount exhaust.

All capacities are according to EN1459.

All specifications and capacities are valid for trucks equipped with a Yale $^\circ$ container handling spreader for handling ISO containers.



Notice:

Care must be exercised when handling elevated loads. Operators must be trained and must read, understand and follow the instructions contained in the Operating Manual

All values are nominal values and they are subject to tolerances. For further information, please contact the manufacturer.

Yale products are subject to change without notice.

Lift trucks illustrated may feature optional equipment. Values may vary with alternative configurations.

CERTIFICATION: Yale lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck. Performance specifications are for a truck equipped as described under Standard Equipment on this Technical Guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature, condition of the operating area, proper service and maintenance of the vehicle. If these specifications are critical, the proposed application should be discussed with your dealer.

 ${\it NOTE: Specifications, unless otherwise listed, are for a standard\ truck\ without\ optional\ equipment.}$

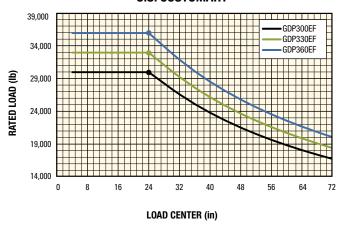
Specification data is based on VDI 2198.

	RAT	ED	CAI	PAC	ITY	LB:	GI	DP3	00-	330E	EF @	24	IN	LOA	AD C	EN	TEF	R								
	4- Lift h		4- Lift h	-	Ove		Ove		Ma max ro (retra	ller lap	max ro	ast oller lap nded)	Ma		Stand	dard Pin	Type car	riage	Apr	on Pin T	ype carri	iage	Q	D DFSSF	P Carria	ge
	TO)F	ВС)F	hei	ered ight	exte hei		(variat	.,	٠,	ble lap) nax'	we	ight	GDP3	300EF	GDP3	30EF	GDP3	800EF	GDP3	330EF	GDP	300EF	GDP3	330EF
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
	108	2750	104	2660	121	3068	174	4398	100	2520	47	1190	5567	2525	30,000	13,600	33,000	15,000	30,000	13,600	33,000	15,000	29,400	13,300	32,400	14,700
	118	3000	114	2910	126	3193	183	4648	105	2645	47	1190	5730	2599	30,000	13,600	33,000	15,000	30,000	13,608	33,000	15,000	29,400	13,300	32,400	14,700
	128	3250	124	3160	131	3318	193	4898	110	2770	47	1190	5900	2676	30,000	13,600	33,000	15,000	30,000	13,608	33,000	15,000	29,400	13,300	32,400	14,700
교	137	3500	134	3410	136	3443	203	5148	114	2895	47	1190	6065	2751	30,000	13,600	33,000	15,000	30,000	13,608	33,000	15,000	29,400	13,300	32,400	14,700
stage NFL	147	3750	144	3660	141	3568	213	5398	119	3020	47	1190	6235	2828	30,000	13,600	33,000	15,000	30,000	13,608	33,000	15,000	29,400	13,300	32,400	14,700
2 sta	157	4000	153	3910	146	3693	223	5648	124	3145	47	1190	6398	2902	30,000	13,600	33,000	15,000	30,000	13,608	33,000	15,000	29,400	13,300	32,400	14,700
7	177	4500	173	4410	156	3943	243	6148	134	3395	47	1190	6733	3054	30,000	13,600	33,000	15,000	30,000	13,608	33,000	15,000	29,400	13,300	32,400	14,700
	187	4750	183	4660	161	4068	252	6398	139	3520	47	1190	7022	3185	30,000	13,600	33,000	15,000	30,000	13,608	33,000	15,000	29,400	13,300	32,400	14,700
	196	5000	193	4910	166	4193	262	6648	144	3645	47	1190	7194	3263	30,000	13,600	33,000	15,000	30,000	13,608	33,000	15,000	29,400	13,300	32,400	14,700
	216	5500	213	5410	175	4443	282	7148	154	3895	47	1190	7873	3571	29,600	13,400	32,600	14,790	29,600	13,400	32,500	14,740	29,000	13,150	32,300	14,650
	236	6000	232	5910	185	4693	302	7648	164	4145	47	1190	8210	3724	29,200	13,240	32,200	14,600	29,100	13,200	32,000	14,510	29,000	11,570	31,000	14,060
	246	6250	242	6160	190	4818	311	7898	169	4270	47	1190	8384	3803	29,000	13,150	3,900	14,470	28,900	13,100	31,800	14,420	29,000	10,570	23,400	10,610
	255	6500	252	6410	195	4943	321	8148	174	4395	47	1190	8552	3879	28,800	13,060	31,700	14,380	28,600	12,970	31,500	14,290	29,000	9,620	21,200	9,620
	275	7000	272	6910	205	5193	341	8648	183	4645	47	1190	9017	4090	28,300	12,830	31,200	14,150	28,000	12,700	30,900	14,020	29,000	7,940	17,400	7,890

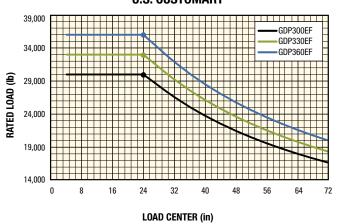
	RAT	ED	CA	PAC	ITY	LB:	GI	DP3	60E	F@	24	IN L	.OA	D C	ENTER					
	4-4 Lift height TOF		4-4 Lift height BOF		Ove	-2 erall ered ight	Ove exte	-5 erall nded ight	Mast max roller lap (retracted) (variable lap) 'l_max'		Mast max roller lap (extended) (variable lap) '1_max'		Mast weight		Standard Pin Type carriage GDP360EF		Apron Pin Type carriage GDP360EF		QD DFSSFP Carriage GDP360EF	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg	lb	kg	lb	kg	lb	kg
	108	2750	104	2660	121	3068	174	4398	100	2520	47	1190	5567	2525	36,000	16,330	36,000	16,330	35,400	16,060
	118	3000	114	2910	126	3193	183	4648	105	2645	47	1190	5730	2599	36,000	16,330	36,000	16,330	35,400	16,060
	128	3250	124	3160	131	3318	193	4898	110	2770	47	1190	5900	2676	36,000	16,330	36,000	16,330	35,400	16,060
교	137	3500	134	3410	136	3443	203	5148	114	2895	47	1190	6065	2751	36,000	16,330	36,000	16,330	35,400	16,060
stage NFL	147	3750	144	3660	141	3568	213	5398	119	3020	47	1190	6235	2828	36,000	16,330	36,000	16,330	35,400	16,060
	157	4000	153	3910	146	3693	223	5648	124	3145	47	1190	6398	2902	36,000	16,330	36,000	16,330	35,400	16,060
7	177	4500	173	4410	156	3943	243	6148	134	3395	47	1190	6733	3054	36,000	16,330	36,000	16,330	35,400	16,060
	187	4750	183	4660	161	4068	252	6398	139	3520	47	1190	7022	3185	36,000	16,330	36,000	16,330	35,400	16,060
	196	5000	193	4910	166	4193	262	6648	144	3645	47	1190	7194	3263	36,000	16,330	36,000	16,330	35,300	16,010
	216	5500	213	5410	175	4443	282	7148	154	3895	47	1190	7873	3571	35,600	16,150	35,600	16,150	31,400	14,240
	236	6000	232	5910	185	4693	302	7648	164	4145	47	1190	8210	3724	35,100	15,920	35,100	15,920	25,800	11,700
	246	6250	242	6160	190	4818	311	7898	169	4270	47	1190	8384	3803	34,900	15,830	34,800	15,790	23,400	10,610
	255	6500	252	6410	195	4943	321	8148	173	4395	47	1190	8552	3879	34,700	15,740	34,500	15,650	21,000	9,530
	275	7000	272	6910	205	5193	341	8648	183	4645	47	1190	9017	4090	34,200	15,510	33,900	15,380	17,200	7,800

Capacity Ratings

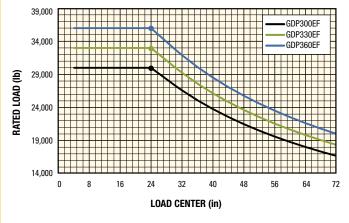
RATED LOAD VS. LOAD CENTER I STD PIN TYPE **U.S. CUSTOMARY**



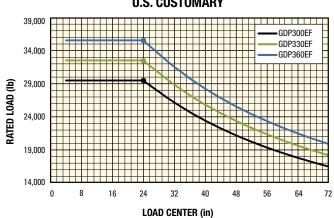
RATED LOAD VS. LOAD CENTER I PIN TYPE WITH FP **U.S. CUSTOMARY**



RATED LOAD VS. LOAD CENTER | INTEGRAL & APRON FP **U.S. CUSTOMARY**



RATED LOAD VS. LOAD CENTER I DFSSFP U.S. CUSTOMARY



Conversion Factor: $1.0^{\circ} = 25.4 \text{ mm}$ 1 lb = 0.45 kg

Capacities are calculated using 48" x 3" x 8" forks

Contact your dealer for other capacity information.

Cummins QSB 6.7L Tier 4F diesel engine 164 hp (122 kW)* X Cummins QSB 6.7L Tier 3 diesel engine 155.6 hp (116 kW)* X Cier 4 / Stage IV compliant* X Ariable geometry turbocharger, water cooled* X Avaitable learnatic fraises X Avaitable learnatic fraises X Avaitable learnatic fraises X Avaitable lap mast for low roller forces<	Features and Options		
Cummins QSB 6.7L Tier 3 diesel engine 155.6 hp (116 kW)* X Fier 4 / Stage IV compliant* X Fier 3 / Stage III compliant* X Araiable geometry turbocharger, water cooled* X Mastegate turbocharger* X On-demand cooling fan* X 120 amp alternator X Performance modes X Powertrain protection system X Heavy duty air intake (raised) X Leavy duty air intake (raised) X Low mount exhaust (below chassis)* X High mount exhaust X ZF Transmission WG161 3-speeds forward/3-speeds reverse auto-shifting X Auton-shifting X Cessler D81 drive axle with wet disc brakes X LIFT STD OPT 126cc Dual Pump Hydraulic System* X On-Demand Load Sensing Hydraulic System X Automatic Throttle-up when lifting (in neutral or inching) X Araiable lap mast for low roller forces X 2 stage Non Free Lift mast X 2 Stage Full Free Lift mast X	PERFORMANCE	STD	0PT
Tier 4 / Stage IV compliant*	Cummins QSB 6.7L Tier 4F diesel engine 164 hp (122 kW)*	Х	
Fier 3 / Stage III compliant* Ariable geometry turbocharger, water cooled* Ariable geometry turbocharger, water	Cummins QSB 6.7L Tier 3 diesel engine 155.6 hp (116 kW)*	Х	
Ariable geometry turbocharger, water cooled* Avastegate turbocharger* Avastegate turbocharger*	Tier 4 / Stage IV compliant*	Х	
Wastegate turbocharger* X On-demand cooling fan* X 120 amp alternator X Performance modes X Powertrain protection system X Heavy duty air intake X Heavy duty air intake (raised) X Low mount exhaust (below chassis)* X High mount exhaust X Firmansmission WG161 3-speeds forward/3-speeds reverse auto-shifting X Kessler D81 drive axle with wet disc brakes X LIFT STD OPT 126cc Dual Pump Hydraulic System* X On-Demand Load Sensing Hydraulic System X Automatic Throttle-up when lifting (in neutral or inching) X Araiable lap mast for low roller forces X 2 stage Non Free Lift mast X 2 stage Full Free Lift mast X Wast tilt - 5° Forward / 5° Back X Wast tilt - 5° Forward / 6° Back X Wast tilt - 5° Forward / 12° Back X Wast tilt - 15° Forward / 12° Back X Wast tilt - 20.5° Forward / 7° Back X <t< td=""><td>Tier 3 / Stage III compliant*</td><td>Х</td><td></td></t<>	Tier 3 / Stage III compliant*	Х	
On-demand cooling fan* X 120 amp alternator Reformance modes Reformance modes Reformance modes Reavy duty air intake Releavy duty air intake (raised) Low mount exhaust (below chassis)* Refigh mount exhaust Residency Bit forward/3-speeds reverse Residency Bit drive axle with wet disc brakes X IFT STD OPT Residency Bit free Lift mast Residency Bit F	Variable geometry turbocharger, water cooled*	Х	
20 amp alternator Performance modes Nowertrain protection system Heavy duty air intake Heavy duty air intake (raised) Now mount exhaust (below chassis)* Now mount exhaust (below chassis)* Now mount exhaust Now mount	Wastegate turbocharger*	Х	
Performance modes Provertrain protection system Provertrain protection	On-demand cooling fan*	Х	
Powertrain protection system Ideavy duty air intake Ideavy duty air intake Ideavy duty air intake (raised) Own mount exhaust (below chassis)* Idigh mount exhaust I	120 amp alternator	Х	
Heavy duty air intake Heavy duty air intake (raised) Low mount exhaust (below chassis)* Aigh mount exhaust ET Transmission WG161 3-speeds forward/3-speeds reverse auto-shifting Kessler D81 drive axle with wet disc brakes LIFT STD OPT 126cc Dual Pump Hydraulic System* On-Demand Load Sensing Hydraulic System Automatic Throttle-up when lifting (in neutral or inching) Araible lap mast for low roller forces 2 stage Non Free Lift mast 2 stage Full Free Lift mast X Mast tilt - 5° Forward / 5° Back Mast tilt - 5° Forward / 12° Back Mast tilt - 15° Forward / 10° Back Mast tilt - 15° Forward / 12° Back Mast tilt - 20.5° Forward / 12° Back Mast tilt - 20.5° Forward / 7° Back Aydraulic Accumulator Pressure Compensated Lowering Hydraulic system temperature protection DRIVE Speed limiter - unconditional and customer adjustable Fravel speed limiter - loaded (adjustable) X Laccolon - 20 20PR Trelleborg Pneumatic Bias Ply drive and steer tires X Laccolon - 20 Pneumatic Shaped Solid drive and steer tires X LANDLING STD OPT HANDLING STD OPT ANDLING STD OPT	Performance modes	Х	
Heavy duty air intake (raised) Low mount exhaust (below chassis)* Aigh mount exhaust Aigh mount exhaust Aigh mount exhaust Air Fransmission WG161 3-speeds forward/3-speeds reverse auto-shifting Air STD Air STD Air STD Air Demand Load Sensing Hydraulic System* Air Din-Demand Load Sensing Hydraulic System X Air Din-Demand Load Sensing Hydraulic System	Powertrain protection system	Х	
Low mount exhaust (below chassis)* Itigh mount exhaust ZF Transmission WG161 3-speeds forward/3-speeds reverse auto-shifting Kessler D81 drive axle with wet disc brakes LIFT I26cc Dual Pump Hydraulic System* I26cc Dual Pump Hydraulic System* I27c Dn-Demand Load Sensing Hydraulic System Automatic Throttle-up when lifting (in neutral or inching) I27c Stage Non Free Lift mast I27c Stage Full Free Lift ma	Heavy duty air intake	Х	
A control of the cont	Heavy duty air intake (raised)		Χ
A control of the cont	Low mount exhaust (below chassis)*	Х	
ZF Transmission WG161 3-speeds forward/3-speeds reverse auto-shifting Cessler D81 drive axle with wet disc brakes X LIFT 126cc Dual Pump Hydraulic System* Non-Demand Load Sensing Hydraulic System Automatic Throttle-up when lifting (in neutral or inching) Variable lap mast for low roller forces 2 stage Non Free Lift mast 2 Stage Full Free Lift mast X Mast tilt - 5° Forward / 5° Back Mast tilt - 5° Forward / 12° Back Mast tilt - 15° Forward / 10° Back Mast tilt - 15° Forward / 12° Back Mast tilt - 20.5° Forward / 7° Back Automatic Throttle-up when lifting (in neutral or inching) X Mast tilt - 20.5° Forward / 5° Back X Mast tilt - 5° Forward / 5° Back X Mast tilt - 15° Forward / 12° Back Mast tilt - 15° Forward / 12° Back X Mast tilt - 20.5° Forward / 7° Back Automatic Accumulator Pressure Compensated Lowering And Hydraulic system temperature protection X DRIVE Speed limiter - unconditional and customer adjustable Fravel speed limiter - loaded (adjustable) X 12.00 - 20 20PR Trelleborg Pneumatic Bias Ply drive and steer tires X 12.00 - R20 Michelin XZM Radial drive and steer tires X 12.00 - R20 Trelleborg Radial drive and steer tires X 14.00 - 20 Pneumatic Shaped Solid drive and steer tires X 14.00 - 20 Pneumatic Shaped Solid drive and steer tires X X ANDILING STD OPT	High mount exhaust		Χ
ILIFT I 26cc Dual Pump Hydraulic System* X Dn-Demand Load Sensing Hydraulic System X Automatic Throttle-up when lifting (in neutral or inching) X Ariable lap mast for low roller forces X 2 stage Non Free Lift mast X Stage Full Free Lift mast X Stage Full Free Lift mast X Mast tilt - 5° Forward / 5° Back Mast tilt - 5° Forward / 12° Back Mast tilt - 5° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 7° Back X Mast tilt - 20.5° Forward / 12° Back X Mast tilt - 5° Forward / 12° Back X Mast tilt - 5° Forward / 12° Back X Mast tilt - 5° Forward / 12° Back X Mast tilt - 5° Forward / 12° Back X Mast tilt - 5° Forward / 12° Back X Mast tilt - 5° Forward / 12° Back X Mast tilt - 5° Forward / 12° Back X Mast tilt - 5° Forward / 12° Back X Mast tilt - 5° Forward / 12° Back X Mast tilt - 5° Forw	ZF Transmission WG161 3-speeds forward/3-speeds reverse auto-shifting	Х	
126cc Dual Pump Hydraulic System* Automatic Throttle-up when lifting (in neutral or inching) Automatic Throttle-up when lifting (in neutral or inching) Araiable lap mast for low roller forces 2 stage Non Free Lift mast 3 stage Full Free Lift mast 3 stage Full Free Lift mast 4 Mast tilt - 5° Forward / 5° Back Mast tilt - 5° Forward / 12° Back Mast tilt - 15° Forward / 12° Back Mast tilt - 15° Forward / 12° Back Mast tilt - 20.5° Forward / 7° Back Automatic Throttle-up when lifting (in neutral or inching) X Automatic Throttle-up when lifting (in neutral or inching) X Automatic Throttle-up when lifting (in neutral or inching) X Automatic Throttle-up when lifting (in neutral or inching) X Automatic Throttle-up when lifting (in neutral or inching) X Automatic Tree Lift mast X X Automatic Tree Lift mast X Automatic Tree Lift	Kessler D81 drive axle with wet disc brakes	Х	
On-Demand Load Sensing Hydraulic System Automatic Throttle-up when lifting (in neutral or inching) X /ariable lap mast for low roller forces X 2 stage Non Free Lift mast X 3 Stage Full Free Lift mast X Mast tilt - 5° Forward / 5° Back Mast tilt - 5° Forward / 6° Back Mast tilt - 5° Forward / 12° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 7° Back X Mast tilt - 20.5° Forward / 7° Back X Mast tilt - 20.5° Forward / 7° Back X Mast tilt - 20.5° Forward / 7° Back X Mast tilt - 20.5° Forward / 7° Back X Mast tilt - 20.5° Forward / 7° Back X Mast tilt - 20.5° Forward / 7° Back X Mast tilt - 20.5° Forward / 7° Back X Mast tilt - 20.5° Forward / 7° Back X Mast tilt - 20.5° Forward / 7° Back X Mast tilt - 20.5° Forward / 7° Back X Mast tilt - 20.5° Forward / 7° Back X Mast tilt - 20.5° Forward / 7° Back X Mast tilt - 20.5° Forward / 7° Back X Mast tilt - 20.5° Forward / 7° Back X Mast tilt - 20.5° Forward / 7° Back X Mast tilt - 20.5° Forward / 7° Back X Mast tilt - 20.5° Forward / 7° Back X Mast tilt - 20.5° Forward / 7° Back X Mast tilt - 20.5° Forward / 7° Back X Mast tilt - 15° Forward / 12° Back X Mast tilt - 15° Forward / 12° Back X Mast tilt - 15° Forward / 12° Back X Mast tilt - 15° Forward / 12° Back X Mast tilt - 15° Forward / 12° Back X Mast tilt - 15° Forward / 12° Back X Mast tilt - 15° Forward / 12° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forwar	LIFT	STD	OPT
Automatic Throttle-up when lifting (in neutral or inching) Variable lap mast for low roller forces Z stage Non Free Lift mast Z stage Full Free Lift mast X Mast tilt - 5° Forward / 5° Back Mast tilt - 5° Forward / 12° Back Mast tilt - 5° Forward / 12° Back Mast tilt - 15° Forward / 12° Back Mast tilt - 15° Forward / 12° Back X Mast tilt - 20.5° Forward / 7° Back Mast tilt - 20.5° Forward / 7° Back X Hydraulic Accumulator Pressure Compensated Lowering Advirulic system temperature protection X DRIVE Speed limiter - unconditional and customer adjustable X Travel speed limiter - loaded (adjustable) X 12.00 - 20 20PR Trelleborg Pneumatic Bias Ply drive and steer tires X 12.00 - R20 Michelin XZM Radial drive and steer tires X 12.00 - 20 Pneumatic Shaped Solid drive and steer tires X 14ANDLING STD OPT STD OPT	126cc Dual Pump Hydraulic System*	Х	
Variable lap mast for low roller forces 2 stage Non Free Lift mast 2 stage Full Free Lift mast 3 Stage Full Free Lift mast 4 Mast tilt - 5° Forward / 5° Back Mast tilt - 5° Forward / 6° Back Mast tilt - 5° Forward / 12° Back Mast tilt - 15° Forward / 10° Back Mast tilt - 15° Forward / 12° Back Mast tilt - 20.5° Forward / 7° Back Mast tilt - 20.5° Forward / 7° Back Advant tilt - 15° Forward / 12° Back Advant tilt - 15° Forward / 1	On-Demand Load Sensing Hydraulic System	Х	
2 stage Non Free Lift mast 2 stage Full Free Lift mast 3 stage Full Free Lift mast 3 stage Full Free Lift mast 4 X Mast tilt - 5° Forward / 5° Back Mast tilt - 5° Forward / 6° Back Mast tilt - 5° Forward / 12° Back Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 12° Back Mast tilt - 20.5° Forward / 7° Back Mast tilt - 20.5° Forward / 7° Back Advirgalic Accumulator Pressure Compensated Lowering Advirgalic system temperature protection X DRIVE Speed limiter - unconditional and customer adjustable X Travel speed limiter - loaded (adjustable) X 12.00 - 20 20PR Trelleborg Pneumatic Bias Ply drive and steer tires X 12.00 - R20 Michelin XZM Radial drive and steer tires X 12.00 - R20 Trelleborg Radial drive and steer tires X 12.00 - 20 Pneumatic Shaped Solid drive and steer tires X 14ANDLING STD OPT	Automatic Throttle-up when lifting (in neutral or inching)	Х	
2 Stage Full Free Lift mast 3 Stage Full Free Lift mast Mast tilt - 5° Forward / 5° Back Mast tilt - 5° Forward / 6° Back Mast tilt - 5° Forward / 12° Back Mast tilt - 15° Forward / 10° Back Mast tilt - 15° Forward / 12° Back Mast tilt - 15° Forward / 12° Back Mast tilt - 20.5° Forward / 7° Back Adjust tilt - 15° Forward / 12° Back Adjust tilt - 15° Forwar	Variable lap mast for low roller forces	Х	
As Stage Full Free Lift mast Mast tilt - 5° Forward / 5° Back Mast tilt - 5° Forward / 6° Back Mast tilt - 5° Forward / 12° Back Mast tilt - 15° Forward / 10° Back Mast tilt - 15° Forward / 12° Back Mast tilt - 15° Forward / 12° Back Mast tilt - 20.5° Forward / 7° Back Mast tilt - 20.5° Forward / 7° Back Addraulic Accumulator Pressure Compensated Lowering Addraulic system temperature protection Application of the protection of t	2 stage Non Free Lift mast	Х	
Mast tilt - 5° Forward / 5° Back Mast tilt - 5° Forward / 6° Back Mast tilt - 5° Forward / 12° Back Mast tilt - 15° Forward / 10° Back Mast tilt - 15° Forward / 12° Back Mast tilt - 15° Forward / 12° Back Mast tilt - 20.5° Forward / 7° Back Mast tilt - 15° Forward / 12° Back X Mast tilt - 15° Forward / 12° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X Mast tilt - 15° Forward / 10° Back X X Mast tilt - 15° Forward / 10° Back X Mast tilt - 5° Forward / 10° Back X X Mast tilt - 5° Forward / 10° Back X X Mast tilt - 5° Forward / 10° Back X X Mast tilt - 5° Forward / 10° Back X X Mast tilt - 5° Forward / 10° Back X X Mast tilt - 15° Forward / 10° Back X X Mast tilt - 5° Forward / 10° Back X X Mast tilt - 15° Forward / 10° Back X X Mast tilt - 15° Forward / 10° Back X X Mast tilt - 15° Forward / 10° Back X X Mast tilt - 15° Forward / 10° Back X X Mast tilt - 15° Forward / 10° Back X X Mast tilt - 15° Forward / 10° Back X X Mast tilt - 15° Forward / 10° Back X X Mast tilt - 15° Forward / 10° Back X X A A A A A A A A A A A	2 Stage Full Free Lift mast		Χ
Mast tilt - 5° Forward / 6° Back Mast tilt - 5° Forward / 12° Back Mast tilt - 15° Forward / 10° Back Mast tilt - 15° Forward / 12° Back Mast tilt - 15° Forward / 12° Back Mast tilt - 20.5° Forward / 7° Back Mast tilt - 20.5° Forward / 7° Back Mydraulic Accumulator Pressure Compensated Lowering Hydraulic system temperature protection X DRIVE STD OPT Speed limiter - unconditional and customer adjustable Travel speed limiter - loaded (adjustable) X 12.00 - 20 20PR Trelleborg Pneumatic Bias Ply drive and steer tires X 12.00 - R20 Michelin XZM Radial drive and steer tires X 12.00 - 20 Pneumatic Shaped Solid drive and steer tires X 10.00 - 20 Pneumatic Shaped Solid drive and steer tires X 14ANDLING STD OPT	3 Stage Full Free Lift mast		Χ
Mast tilt - 5° Forward / 12° Back Mast tilt - 15° Forward / 10° Back Mast tilt - 15° Forward / 12° Back Mast tilt - 20.5° Forward / 7° Back Mast tilt - 20.5° Forward / 7° Back Advigation Accumulator Pressure Compensated Lowering Advigation System temperature protection X Correspond Imiter - unconditional and customer adjustable X Travel speed limiter - loaded (adjustable) X X X X X X X X X X X X X	Mast tilt - 5° Forward / 5° Back		Χ
Mast tilt - 15° Forward / 10° Back Mast tilt - 15° Forward / 12° Back Mast tilt - 20.5° Forward / 7° Back Mast tilt - 20.5° Forward / 7° Back Addraulic Accumulator Pressure Compensated Lowering Addraulic system temperature protection X Correct System temperature protection X STD OPT Speed limiter - unconditional and customer adjustable X Travel speed limiter - loaded (adjustable) X 12.00 - 20 20PR Trelleborg Pneumatic Bias Ply drive and steer tires X 12.00 - R20 Michelin XZM Radial drive and steer tires X 12.00 - R20 Trelleborg Radial drive and steer tires X 12.00 - 20 Pneumatic Shaped Solid drive and steer tires X 10.00 - 20 Pneumatic Shaped Solid drive and steer tires X 14ANDLING STD OPT	Mast tilt - 5° Forward / 6° Back		Χ
Mast tilt - 15° Forward / 12° Back Mast tilt - 20.5° Forward / 7° Back Hydraulic Accumulator Pressure Compensated Lowering Hydraulic system temperature protection X DRIVE Strough Imiter - unconditional and customer adjustable Fravel speed limiter - loaded (adjustable) X X X X X DRIVE STD OPT Speed limiter - unconditional and customer adjustable X X X X X X X X X X X X X	Mast tilt - 5° Forward / 12° Back		Χ
Mast tilt - 20.5° Forward / 7° Back Hydraulic Accumulator Pressure Compensated Lowering Hydraulic system temperature protection X DRIVE Stroped limiter - unconditional and customer adjustable X Travel speed limiter - loaded (adjustable) X 12.00 - 20 20PR Trelleborg Pneumatic Bias Ply drive and steer tires X 12.00 - R20 Michelin XZM Radial drive and steer tires X 12.00 - R20 Trelleborg Radial drive and steer tires X 12.00 - 20 Pneumatic Shaped Solid drive and steer tires X 10.00 - 20 Pneumatic Shaped Solid drive and steer tires X 14.00 - 20 Pneumatic Shaped Solid drive and steer tires X 15.00 - 20 Pneumatic Shaped Solid drive and steer tires X 16.00 - 20 Pneumatic Shaped Solid drive and steer tires X 16.00 - 20 Pneumatic Shaped Solid drive and steer tires X 17.00 - 20 Pneumatic Shaped Solid drive and steer tires X X X X X X X X X X X X X	Mast tilt - 15° Forward / 10° Back		Χ
Alydraulic Accumulator Pressure Compensated Lowering Alydraulic system temperature protection Correct Strong St	Mast tilt - 15° Forward / 12° Back	Χ	
Pressure Compensated Lowering Addraulic system temperature protection Correspond Structure Struc	Mast tilt - 20.5° Forward / 7° Back		Χ
Algorithm System temperature protection STD OPT Speed limiter - unconditional and customer adjustable Travel speed limiter - loaded (adjustable) 12.00 - 20 20PR Trelleborg Pneumatic Bias Ply drive and steer tires X 12.00 - R20 Michelin XZM Radial drive and steer tires X 12.00 - R20 Trelleborg Radial drive and steer tires X 12.00 - 20 Pneumatic Shaped Solid drive and steer tires X 10.00 - 20 Pneumatic Shaped Solid drive and steer tires X 14.00 - 20 Pneumatic Shaped Solid drive and steer tires X 15.00 - 20 Pneumatic Shaped Solid drive and steer tires X 16.00 - 20 Pneumatic Shaped Solid drive and steer tires X 16.00 - 20 Pneumatic Shaped Solid drive and steer tires X X X X X X X X X X X X X X X X X X X	Hydraulic Accumulator		Χ
DRIVE Speed limiter - unconditional and customer adjustable X Travel speed limiter - loaded (adjustable) X 12.00 - 20 20PR Trelleborg Pneumatic Bias Ply drive and steer tires X 12.00 - R20 Michelin XZM Radial drive and steer tires X 12.00 - R20 Trelleborg Radial drive and steer tires X 12.00 - 20 Pneumatic Shaped Solid drive and steer tires X 10.00 - 20 Pneumatic Shaped Solid drive and steer tires X 14.00 - 20 Pneumatic Shaped Solid drive and steer tires X 15.00 - 20 Pneumatic Shaped Solid drive and steer tires X 16.00 - 20 Pneumatic Shaped Solid drive and steer tires X 16.00 - 20 Pneumatic Shaped Solid drive and steer tires X 16.00 - 20 Pneumatic Shaped Solid drive and steer tires X 17.00 - 20 Pneumatic Shaped Solid drive and steer tires X X X X X X X X X X X X X X X X X X X	Pressure Compensated Lowering	Х	
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Fravel speed limiter - loaded (adjustable) 2.00 - 20 20PR Trelleborg Pneumatic Bias Ply drive and steer tires X 2.00 - R20 Michelin XZM Radial drive and steer tires X 2.00 - R20 Trelleborg Radial drive and steer tires X 2.00 - R20 Trelleborg Radial drive and steer tires X 2.00 - 20 Pneumatic Shaped Solid drive and steer tires X 3.00 - 20 Pneumatic Shaped Solid drive and steer tires X 3.00 - 20 Pneumatic Shaped Solid drive and steer tires X 4.00 - 20 Pneumatic Shaped Solid drive and steer tires X 5.00 - 20 Pneumatic Shaped Solid drive and steer tires X 5.00 - 20 Pneumatic Shaped Solid drive and steer tires X 6.00 - 20 Pneumatic Shaped Solid drive and steer tires X 7.00 - 20 Pneumatic Shaped Solid drive and steer tires X 7.00 - 20 Pneumatic Shaped Solid drive and steer tires X 8.00 - 20 Pneumatic Shaped Solid drive and steer tires X 8.00 - 20 Pneumatic Shaped Solid drive and steer tires X 9.00 - 20 Pneumatic Shaped Solid drive and steer tires X 9.00 - 20 Pneumatic Shaped Solid drive and steer tires X 9.00 - 20 Pneumatic Shaped Solid drive and steer tires X 9.00 - 20 Pneumatic Shaped Solid drive and steer tires X 9.00 - 20 Pneumatic Shaped Solid drive and steer tires X 9.00 - 20 Pneumatic Shaped Solid drive and steer tires X 9.00 - 20 Pneumatic Shaped Solid drive and steer tires X 9.00 - 20 Pneumatic Shaped Solid drive and steer tires X 9.00 - 20 Pneumatic Shaped Solid drive and steer tires X 9.00 - 20 Pneumatic Shaped Solid drive and steer tires X 9.00 - 20 Pneumatic Shaped Solid drive and steer tires X 9.00 - 20 Pneumatic Shaped Solid drive and steer tires X 9.00 - 20 Pneumatic Shaped Solid drive and steer tires X 9.00 - 20 Pneumatic Shaped Solid drive and steer tires X 9.00 - 20 Pneumatic Shaped Solid drive and steer tires X 9.00 - 20 Pneumatic Shaped Solid drive and steer tires X 9.00 - 20 Pneumatic Shaped Solid drive and st	DRIVE	STD	OPT
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12.00 - R20 Michelin XZM Radial drive and steer tires	Travel speed limiter - loaded (adjustable)		Χ
12.00 - R20 Trelleborg Radial drive and steer tires	12.00 - 20 20PR Trelleborg Pneumatic Bias Ply drive and steer tires	Х	
12.00 - 20 Pneumatic Shaped Solid drive and steer tires X 10.00 - 20 Pneumatic Shaped Solid drive and steer tires X HANDLING STD OPT	12.00 - R20 Michelin XZM Radial drive and steer tires		Χ
10.00 - 20 Pneumatic Shaped Solid drive and steer tires X HANDLING STD OPT	12.00 - R20 Trelleborg Radial drive and steer tires		Χ
HANDLING STD OPT	12.00 - 20 Pneumatic Shaped Solid drive and steer tires		Χ
	10.00 - 20 Pneumatic Shaped Solid drive and steer tires		Χ
Mast Tilt Indicator - Mechanical X	HANDLING	STD	0PT
	Mast Tilt Indicator - Mechanical		Х
98.3" (2496mm) Pin type carriage with mechanical fork locks X	98.3" (2496mm) Pin type carriage with mechanical fork locks	Х	
98.3" (2496mm) Pin type carriage with simultaneous and	98.3" (2496mm) Pin type carriage with simultaneous and independent fork positioner		Х
· · · · · · · · · · · · · · · · · · ·	98.3" (2496mm) Pin type apron-style sideshift carriage		Х

98.3" (2500mm) Pin type apron-style sideshift carriage with simultaneous fork positioner		Х
98.3" (2496mm) Pin type apron-style sideshift carriage with simultaneous and independent fork positioner		Χ
98.3" (2498mm) QD Hook type dual function sideshift carriage with simultaneous and Independent fork positioner		Х
98.3" (2498mm) QD Hook type dual function sideshift carriage with simultaneous fork positioner and 2 auxiliary functions		Х
72" (1824mm) High load backrest		Х
80" (2040mm) High load backrest		Х
98" (2500mm) High load stabilizer (for lumber applications)		Х
72" Long x 3.5" Thick x 7.9" Wide (1830mm x 90mm x 200mm) Forks	Х	
Pin type forks (various sizes)		Χ
Pin type forks for lumber applications		Χ
Hook type quick disconnect DFSSFP forks (various sizes)		χ
ERGONOMICS	STD	0PT
Open operator compartment (without doors & screens)	Χ	
Enclosed operator cabin		Χ
Powered tilt operator compartment for service		Χ
Manual tilt operator compartment for service	Χ	
Isolated mounting for low noise and vibration	Χ	
Operator presence system	Χ	
Mechanical suspension seat	Χ	
Air suspension seat		Χ
Deluxe air suspension seat		Χ
Low backrest seat	Χ	
High backrest seat		Χ
Additional armrest on left side	Χ	
Cloth seat cover		Χ
Vinyl seat cover	Χ	
Seat heating		χ
Seat ventilation		Χ
2-point high visibility seatbelt	Χ	
3-point high visibility seatbelt		χ
Lateral seat sliding mechanism		Χ
Floor mat	Χ	
Coat hook	Χ	
Interior dome light	Χ	
Front, top and rear wipers		Χ
"H"-pattern front wiper		Χ
"I"-pattern front wiper		Χ
Laminated glass operator compartment front window		Χ
Tinted operator compartment windows (all)		Χ
Tinted operator compartment top window		Χ
Rain top		Χ
Plexiglass shield in front of front window		Χ
Wire mesh installed on top of operator compartment		Х
Vertical steel bar front window guard		Х
Operator shield wire mesh		X
oporator official wife fricon		^

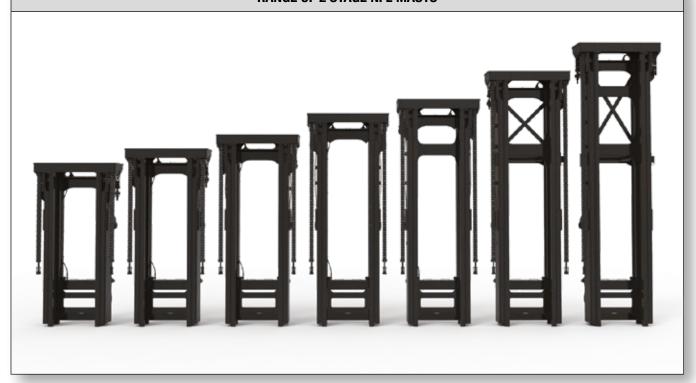
7" Integrated Performance Display	Х	
Touchpoint [™] mini levers hydraulic control integrated in Control Arm	Х	
Joystick hydraulic control integrated in Control Arm		Χ
Steering wheel without spinner knob	Х	
Steering wheel with spinner knob		Χ
Directional control lever	Х	
Foot directional control pedal		Χ
Directional Control On Mini-levers or Joystick		Х
Park brake - manual	Х	
Park brake - automatic		Х
Interior wide angle mirrors	Х	
Heater with adjustable speed fan		Χ
Diesel fueled cabin heater		Х
Telescoping & tilting steering column	Х	
USB outlet inside armrest	Х	
24-12 DC converter with 1 socket and 2 USB outlets	Х	
24-12 DC converter with 2 sockets and 2 USB outlets		Х
Sun visors front window		Х
Trainer seat		Х
Recirculation fan		Х
Additional recirculation fan		Х
Accessory Mounting Bar on Cab Front Right Pillar		Х
Document holder on Cab Front Right Pillar		Х
Heated top- and/or rear window		Х
Radio preparation set-up (wiring, two speakers and antenna)		Х
VISIBILITY	STD	OPT
Steel bars on top of cab (open operator compartment)	Х	
Top window with armoured glass - FOPS certified (enclosed operator cabin)	Х	
Steel bars under armoured glass top window (enclosed operator cabin)		Х
Exterior mirrors mounted to cab		Χ
Rear view camera system		Х
Halogen work lights		Х
High Performance LED work lights		Χ
Two head lights mounted on front fenders		Χ
Four mast mounted work lights		Х
Four cabin mounted work lights		Х
Two rearward work lights mounted on the cabin		Χ
LED stop/tail/brake lights	Х	
Turn signals, hazard & marker lights (LED)		Χ
OPERATION	STD	ОРТ
Air horn 112 dBA		Х
Electric air horn 105 dBA	Х	
Visible alarm – Amber strobe light, key switch activated		Х
Audible alarm – Reverse direction activated 82–102 dB(A), self-adjusting		Х
Audible alarm – Reverse direction white noise		Х
Forward / reverse motion alarm		Х

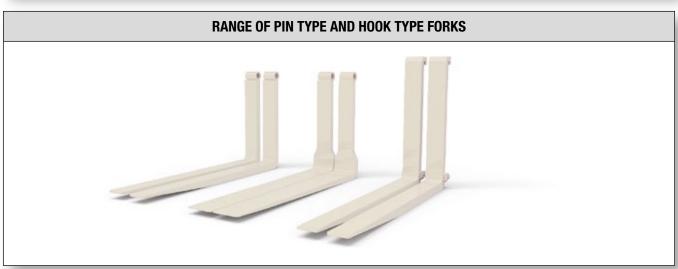
Blue LED spotlight – rear / front and rear		Х
Hydraulic load weighing system		Х
Tire pressure monitoring system		Х
Automatic climate control shut-off with open door		Х
Automatic truck shutdown with timer		Х
Preventative maintenance reminder in display		Х
Customer CANBUS connection		Х
Lockable battery disconnect switch		Χ
Battery jump start connector (NATO plug)		Х
Truck Start with key switch and start button	Х	
Operator password (display) for Truck Start		Х
Seatbelt Interlock for truck start		Х
Power distribution group with fuses	Х	
Fuses Partially Replaced by Electric Circuit Breakers		Х
Non-lockable fuel cap	Х	
Lockable fuel cap		Х
Diesel fuel inlet strainer in filler neck		Х
24 volt electrical system	Х	
Yale Tracker wireless asset management system	Х	
Yale Tracker wireless asset management - Access / Verification		Х
Yale Tracker wireless asset management - Monitoring		Х
Auto greasing system for basic truck & outer mast		Х
24 volt electrical system	Х	
Engine block heater 110 & 240 volt		Х
Steer wheel lug nut protection		Х
Rear mud flaps		Х
Front mud flaps		Х
Lifting eyes - 2 front and 2 rear		Х
Wire mesh belly pan		Х
Wire mesh and plates belly pan		Х
APPERRANCE	STD	0PT
Second capacity plate		Х
Hyster yellow paint base truck	Х	
Special paint base truck		Х
Operator compartment special paint (outside only)		Х
Hazard warning striping on counterweight		Х
SUPPLEMENTAL	STD	0PT
Literature package	X	
Operator's manual	X	
CE certification		Х
U.L. Label - Standard Construction	X	
Warranty: 12 Months / 2,000 Hours Parts & Labor manufacturer's warranty		Х
Warranty: 12 Months / 2,000 Hours Parts manufacturer's warranty	X	
*Standard or ontional in colocted markets. Other ontions available through	h Cnoci	21

^{*}Standard or optional in selected markets. Other options available through Special Products Engineering Department (SPED). Contact your local Yale® dealer for details.

Front End Equipment

RANGE OF 2 STAGE NFL MASTS







Front End Equipment

98.5" PIN TYPE APRON STYLE SIDESHIFT CARRIAGE WITH SIMULTANEOUS AND INDEPENDENT FORK POSITIONER (FOR LUMBER APPLICATIONS)





98.5" PIN TYPE CARRIAGE WITH SIMULTANEOUS AND INDEPENDENT FORK POSITIONER





98.5" PIN TYPE APRON STYLE SIDESHIFT CARRIAGE





98.5" QD HOOK TYPE DUAL FUNCTION SIDESHIFT WITH SIMULTANEOUS AND INDEPENDENT FORK POSITIONER







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Specifications are subject to change without notice. CERTIFICATION: Yale lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2),

and also comply with the B56.1 revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck.