

Features

Original Linde Hydrostatic Drive

- Responsive, smooth and precise driving
- No clutch or friction service brakes; hydrostatic drive assumes function of service brake
- Robust drive system, proven in severe duty environments
- Low maintenance costs and long life



High-economy Engine Technology

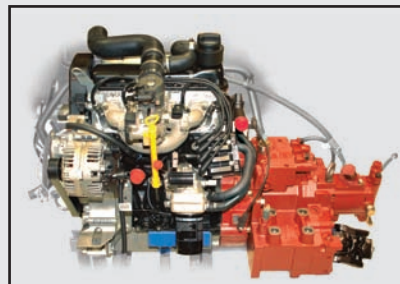
- LPG engines incorporating the most advanced technology
- High torque
- Low fuel consumption
- Low exhaust gas emission levels

Linde Clear-view Mast

- Superb visibility
- Exceptional residual capacity
- Electronic limiting of tilt angle

Linde Twin Drive Pedals

- Quick change of forward/reverse direction
- Short pedal stroke
- No leg fatigue
- Increased productivity



Linde Truck Control (LTC)

- Reliable microprocessor controller technology
- Easily matched to individual application requirements
- Automatic control of engine RPM

Linde Load Control

- Accurate, safe load handling
- Effortless fingertip control of all hydraulic functions
- Traction and all hydraulic functions completely independent

Linde Operator Compartment

- Designed to advanced ergonomic standards
- Spacious cab with luxury automobile equivalent legroom
- Excellent visibility of load and surroundings
- Cushioned steer axle reduces road shock
- Standard noise abatement design

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ANSI Standard truck, meets all applicable mandatory requirements of ANSI/TSDP B56.1 standards for powered industrial trucks.
 NOTE: All measurements are in millimeters unless otherwise specified. Metric dimensions are in millimeters unless otherwise specified.
 All metric dimensions are in millimeters. The dimensions and specifications listed on this data sheet are subject to change without notice and without incurring obligation. Please check with your authorized Linde dealer for information on possible updates or revisions.

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LPG Forklift Trucks
 Capacity 5000, 5500, 6000 and 6500 lbs.
 H25CT, H27CT, H30CT, and H32CT
 HYDROSTATIC, CUSHION TIRE SERIES



Safety

This line of trucks is designed for the demanding conditions of the Class Four market. Low mounted propane tank and dashboard, combined with a clear view mast increase all-around visibility. This, together with low noise level and simple operation allow operators to stay alert and maintain unparalleled awareness of their surroundings.

Performance

With its impressive performance the truck still maintains low fuel consumption and low exhaust emissions. Advanced engine and drive technology combined with the original Linde Load Control system enable the operator to use the truck's potential to maximize productivity. Ergonomic layout of all hydraulic functions allow for a high level of precision fingertip control and working performance.

Comfort

Climb on board relaxed — finish the shift relaxed. Designed to the most advanced ergonomic standards. Spacious cab interior with accessibility from both sides of the truck, adjustable armrest, suspension seat, and functional positioning of easy-actuation controls make for a low stress working environment.

Reliability

The durability of this machine has been tested and proven in a variety of severe applications. Its massive components are designed to operate in adverse conditions and can handle intense utilization with minimum care.

Productivity

Effective and cost efficient: Linde hydrostatic drive eliminates torque converter transmission, clutch, and drum brakes. As a result, servicing costs are low, truck uptime is high and productivity is enhanced.

Standard and optional equipment

Standard equipment:

Linde twin drive pedals travel control	High combustion - air intake
Cushion tires	Load back rest (LBR)
Linde Load Control integrated armrest (LLC)	Plenty of storage space
Fully adjustable suspension seat with fixed armrest	Twin front work lamps
Low fuel level warning light	3-way regulated catalytic muffler
Adjustable steering column	UL LP rating
3-function electric-hydraulic valve	
Key switch	
Comprehensive digital display (anti-glare surface)	

Options:

Single pedal travel control	Air pre-cleaner
Non-marking tires	Fully adjustable suspension seat with tiltable armrest
Simple, dual, triple and quad masts	4 function electric-hydraulic valve
Bottler's tilt 10f / 5b	Rear spot lights
Variety of carriages	Stop lights and tail lights
Hang-on sideshifter	Audible back-up alarm
Integrated sideshifter	Amber warning light
Wide variety of forks	Swing down gas bottle including fuel level display
Low profile overhead guard	Tilt memory function
Fully adjustable high comfort seat with tiltable armrest	UL LPS rating
	Other options available on request

Capacity*

Model H25CT							Model H27CT						
1.5" x 4" x 42" Forks**							1.5" x 4" x 42" Forks**						
Cushion 21 x 7 x 15 Drive Tires**							Cushion 21 x 8 x 15 Drive Tires**						
Mast Table (in)				Capacity @ 24" Load Center**			Mast Table (in)				Capacity @ 24" Load Center**		
Closed Height	Lift Height	Free Lift		Standard Carriage*	Integral Carriage*	Hang-on SS Carriage*	Closed Height	Lift Height	Free Lift		Standard Carriage*	Integral Carriage*	Hang-on SS Carriage*
h1	h3	h2		Lbs.	Lbs.	Lbs.	h1	h3	h2		Lbs.	Lbs.	Lbs.
84.0	124.5	0.0	Simple	5000	5000	4755	83.5	120.5	0.0	Simple	5500	5500	5255
92	140	0.0	Simple	5000	5000	4755	93.5	140	0.0	Simple	5500	5500	5255
84	125	60.0	Dual	5000	5000	4755	83.5	121	54.5	Dual	5500	5500	5255
92	141	67.5	Dual	5000	5000	4755	91.5	136.5	62	Dual	5500	5500	5255
82	180	58	Triple	5000	5000	4755	83.5	179.5	54.5	Triple	5500	5500	5255
84	186	60	Triple	5000	5000	4755	85.5	185.5	56.5	Triple	5500	5500	5255
86	192	62	Triple	4900	4900	4655	87.5	191.5	58.5	Triple	5500	5500	5255
90	203.5	65.5	Triple	4600	4600	4355	91.5	203	62	Triple	5500	5500	5255
96	217.5	71.5	Triple	4325	4325	4080	97.5	217	68	Triple	5150	5150	4905

Model H30CT							Model H32CT						
1.75" x 5" x 42" Forks**							1.75" x 5" x 42" Forks**						
Cushion 21 x 8 x 15 Drive Tires**							Cushion 21 x 8 x 15 Drive Tires**						
Mast Table (in)				Capacity @ 24" Load Center**			Mast Table (in)				Capacity @ 24" Load Center**		
Closed Height	Lift Height	Free Lift		Standard Carriage*	Integral Carriage*	Hang-on SS Carriage*	Closed Height	Lift Height	Free Lift		Standard Carriage*	Integral Carriage*	Hang-on SS Carriage*
h1	h3	h2		Lbs.	Lbs.	Lbs.	h1	h3	h2		Lbs.	Lbs.	Lbs.
83.5	120.5	0.0	Simple	6000	6000	5700	83.5	120.5	0.0	Simple	6500	6500	6200
93.5	140	0.0	Simple	6000	6000	5700	93.5	140	0.0	Simple	6500	6500	6200
83.5	121	54.5	Dual	6000	6000	5700	83.5	121	54.5	Dual	6500	6500	6200
91.5	136.5	62	Dual	6000	6000	5700	91.5	136.5	62	Dual	6500	6500	6200
83.5	179.5	54.5	Triple	6000	6000	5700	83.5	179.5	54.5	Triple	6500	6500	6200
85.5	185.5	56.5	Triple	6000	6000	5700	85.5	185.5	56.5	Triple	6500	6500	6200
87.5	191.5	58.5	Triple	6000	6000	5700	87.5	191.5	58.5	Triple	6500	6500	6200
91.5	203	62	Triple	6000	6000	5700	91.5	203	62	Triple	6500	6500	6200
97.5	217	68	Triple	5950	5950	5650	97.5	217	68	Triple	6400	6400	6100

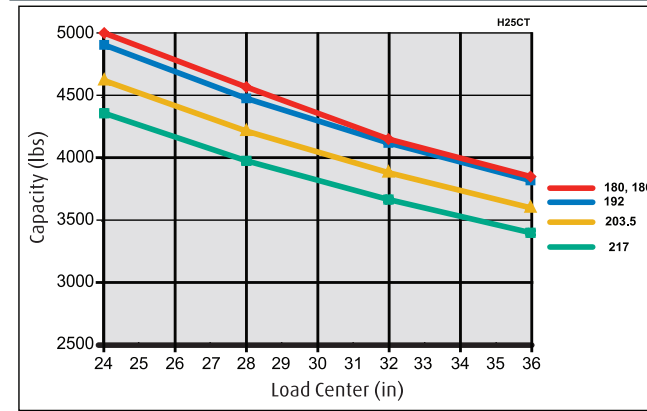
* For quick reference only. Contact factory for detailed ratings.

** Capacity ratings can be effected by changing forks, load center, and/or drive tires.

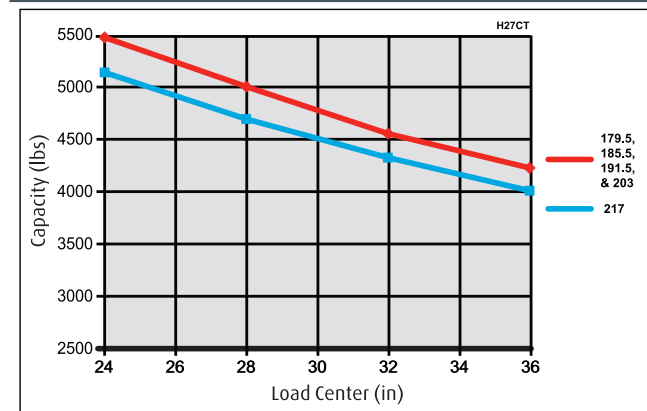
Downrating charts*

Reference cushion tires with standard carriage and forks only.

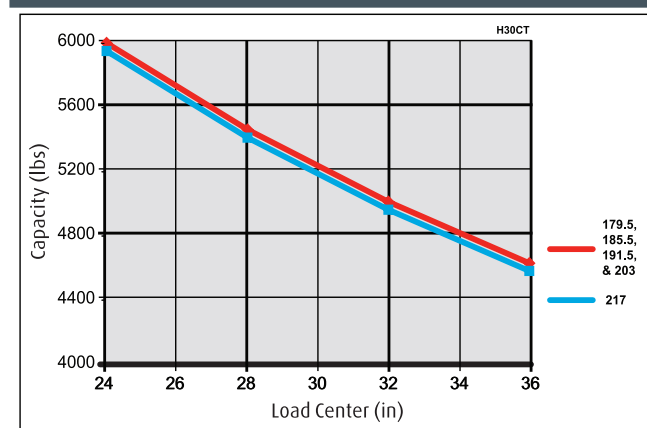
Model H25CT



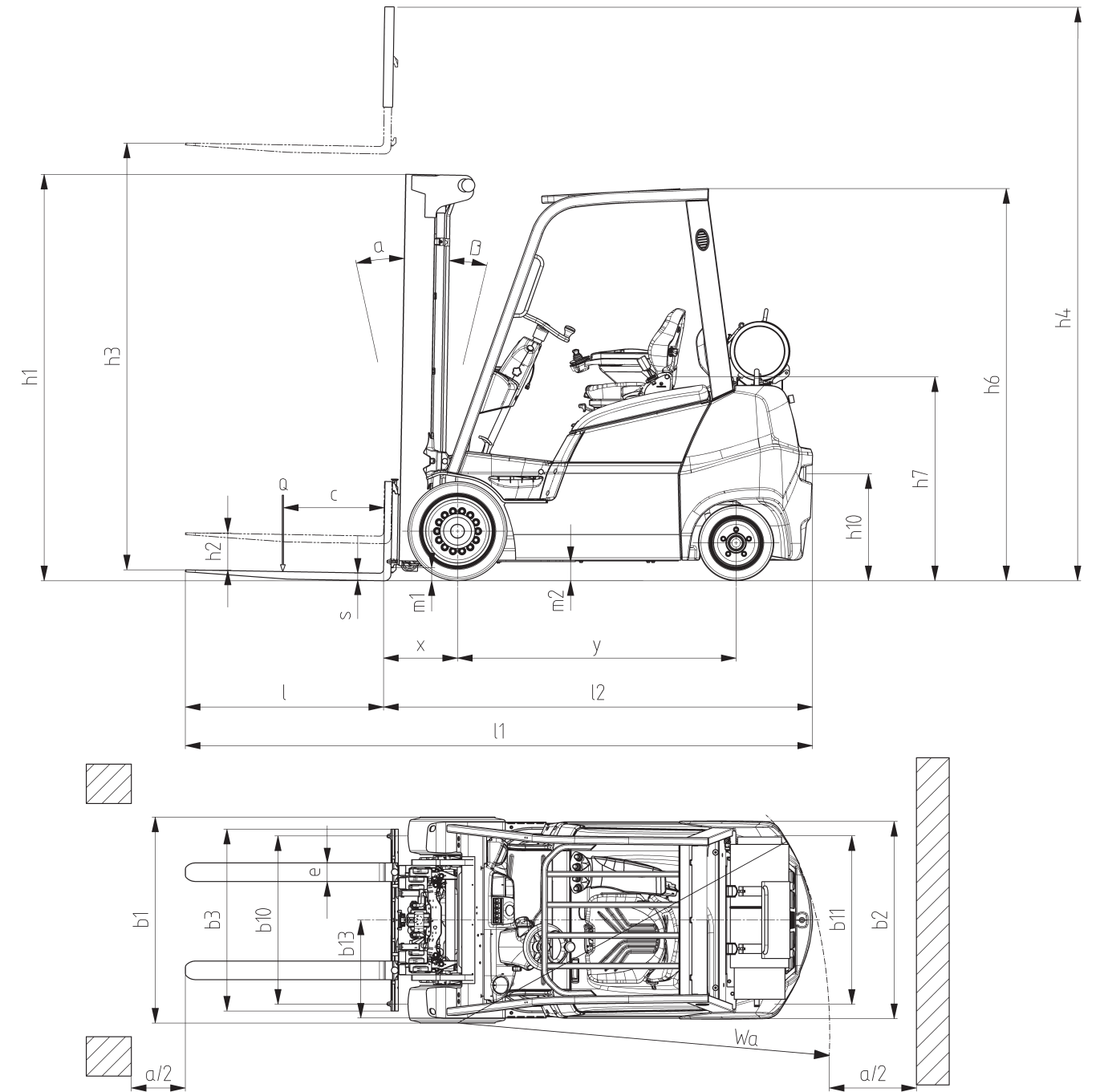
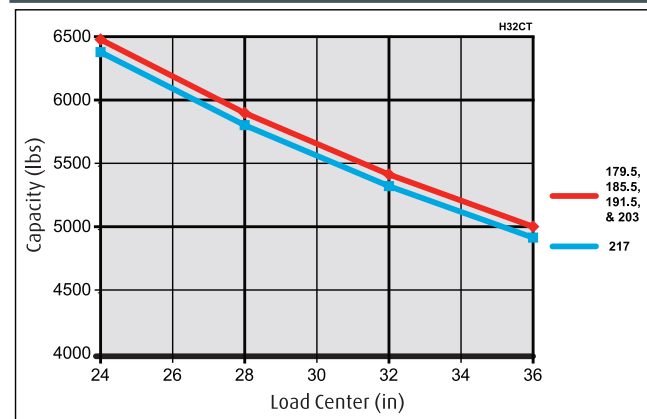
Model H27CT



Model H30CT



Model H32CT



Technical data

October 2009

Characteristics	1.1	Manufacturer	Linde		Linde		Linde		Linde		1.1	
	1.2	Model designation	H25 CT		H27 CT		H30 CT		H32 CT		1.2	
	1.3	Power type	LP gas		LP gas		LP gas		LP gas		1.3	
	1.4	Operator type	Rider seated		Rider seated		Rider seated		Rider seated		1.4	
	1.5	Capacity - rated load	Q lbs (kg)	5000	2300	5500	2500	6000	2700	6500	3000	1.5
	1.6	Load center	c in (mm)	24	610	24	610	24	610	24	610	1.6
	1.8	Center of wheel to face of forks	x in (mm)	15.7	400	16.4	416	16.7	424	16.7	424	1.8
	1.9	Wheelbase	y in (mm)	59.1	1500	59.1	1500	59.1	1500	59.1	1500	1.9
	Weight	2.1	Total approximate weight	lb (kg)	8953	4061	9700	4400	10141	4600	10471	4750
2.2		Axle loading - rated load; front / rear	lb (kg)	11824 / 2121	5368 / 963	13011 / 2181	5907 / 990	13833 / 2300	6280 / 1044	14618 / 2357	6631 / 1070	2.2
2.3		Axle loading - no load; front / rear	lb (kg)	3461 / 5492	1570 / 2491	3863 / 5828	1754 / 2646	3756 / 6377	1705 / 2895	3637 / 6834	1650 / 3100	2.3
Wheels & Tires	3.1	Tire type	Cushion		Cushion		Cushion		Cushion		3.1	
	3.2	Tire size; front	in	21 x 7 x 15		21 x 8 x 15		21 x 8 x 15		21 x 8 x 15		3.2
	3.3	Tire size; rear	in	16 x 5 x 10.5		16 x 6 x 10.5		16 x 6 x 10.5		16 x 6 x 10.5		3.3
	3.5	Number of tires; front/rear (x = driven)		2 x / 2		2 x / 2		2 x / 2		2 x / 2		3.5
	3.6	Tread, center of tires; front	b10 in (mm)	35.0	889	35.7	907	35.7	907	35.7	907	3.6
	3.7	Tread, center of tires; rear	b11 in (mm)	35.7	908	35.7	908	35.7	908	35.7	908	3.7
	Dimensions	4.1	Mast/fork carriage tilt angle; forward / back	degrees	6.0 / 5.0		6.0 / 5.0		6.0 / 5.0		6.0 / 5.0	
4.2		Height of Mast; lowered	h1 in (mm)	See mast table		See mast table		See mast table		See mast table		4.2
4.3		Limited free-lift	h2 in (mm)	See mast table		See mast table		See mast table		See mast table		4.3
4.4		Maximum fork height - lift; 2-stage	h3 in (mm)	See mast table		See mast table		See mast table		See mast table		4.4
4.5		Height of standard Mast extended	h4 in (mm)	h3 + 48" ²		h3 + 48" ²		h3 + 48" ²		h3 + 48" ²		4.5
4.7		Height of overhead guard / cab	h6 in (mm)	83.9	2130	83.9	2130	83.9	2130	83.9	2130	4.7
4.8		Height of seat	h7 in (mm)	42.0	1067	42.0	1067	42.0	1067	42.0	1067	4.8
4.12		Height of tow coupling	h10 in (mm)	23.6	600	23.6	600	23.6	600	23.6	600	4.12
4.19		Overall length with 42" forks	l1 in (mm)	133.7	3379	135.0	3430	136.6	3470	137.6	3496	4.19
4.20		Length to fork face	l2 in (mm)	91.0	2312	93	2363	95	2403	96	2429	4.20
4.21		Overall width	b1 / b2 in (mm)	42.0	1068	43.7	1110	43.7	1110	43.7	1110	4.21
4.22		Fork dimensions	s x e x l in	1.5 x 4 x 42		1.5 x 4 x 42		1.75 x 5 x 42		1.75 x 5 x 42		4.22
4.23		Fork carriage: class		Class 2		Class 2		Class 3		Class 3		4.23
4.24		Width of fork carriage	b3 in (mm)	38.6	980	38.6	980	38.6	980	38.2	980	4.24
4.31		Ground clearance under mast, no load	m1 in (mm)	3.8 ³	96 ³	3.8 ³	96 ³	3.8 ³	96 ³	3.8 ³	96 ³	4.31
4.32		Ground clearance; center of wheelbase	m2 in (mm)	4.5	115	4.5	115	4.5	115	4.5	115	4.32
4.34	Aisle width with 48" load	Ast in (mm)	150 ^{1a}	3820	152 ^{1a}	3860	154 ^{1a}	3900	154 ^{1a}	3915	4.34	
---	Aisle width with varying loads	Ast in (mm)	94 ^{1b}	2400	96 ^{1b}	2440	98 ^{1b}	2480	98 ^{1b}	2495	---	
4.35	Turning radius	Wa in (mm)	78.7	2000	79.5	2020	80.8	2052	81.7	2075	4.35	
4.36	Minimum pivot point distance	b13 in (mm)	19.1	486	19.1	486	19.1	486	19.1	486	4.36	
Performance	5.1	Travel speed; rated load / no load	mph (km/h)	11.2 / 11.2	18.0 / 18.0	11.2 / 11.2	18.0 / 18.0	11.2 / 11.2	18.0 / 18.0	11.2 / 11.2	18.0 / 18.0	5.1
	5.2	Lift speed; rated load / no load	fpm (m/s)	110.4 / 110.1	0.56 / 0.58	90.5 / 94.5	0.46 / 0.48	90.5 / 94.5	0.46 / 0.48	90.5 / 94.5	0.46 / 0.48	5.2
	5.3	Lowering speed; rated load / no load	fpm (m/s)	98.5 / 96.6	0.50 / 0.44	108.3 / 98.4	0.55 / 0.50	108.3 / 98.4	0.55 / 0.50	108.3 / 98.4	0.55 / 0.50	5.3
	5.5	Drawbar pull; rated load / no load	N	4473 / 2765	19900 / 12300	4473 / 3102	19900 / 13800	4496 / 3012	20000 / 13400	4496 / 2469	20000 / 13000	5.5
	5.7	Gradeability; rated load / no load	%	35 / 18	35 / 18	32 / 20	32 / 20	29 / 19	29 / 19	27.5 / 19	27.5 / 19	5.7
	5.9	Acceleration time; with / without load	s	5.9 / 5		6.1 / 5.2		6.3 / 5.4		6.4 / 5.5		5.9
	5.10	Service brake		Hydrostatic		Hydrostatic		Hydrostatic		Hydrostatic		5.10
Engine	7.1	Engine, make / model	VW / BEF	VW / BEF	VW / BEF	VW / BEF	VW / BEF	VW / BEF	VW / BEF	VW / BEF	VW / BEF	7.1
	7.2	Output per ISO1585	hp (kW)	48.5	36	48.5	36	48.5	36	48.5	36	7.2
	7.3	Rated speed	rpm	2500	2500	2500	2500	2500	2500	2500	2500	7.3
	7.4	Number of cylinders / displacement	in ³ (ccm)	4 / 121	4 / 1984	4 / 121	4 / 1984	4 / 121	4 / 1984	4 / 121	4 / 1984	7.4
Other	8.1	Transmission type		Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	8.1
	8.2	Relief pressure for attachments	psi (bar)	2610	180	2610	180	2610	180	2610	180	8.2
	8.3	Oil flow for attachments	gal/min (l/min)	14.5	55	14.5	55	14.5	55	14.5	55	8.3
	8.4	Noise level; drivers ear	dB (A)	74	74	74	74	74	74	74	74	8.4

^{1a} Including 48" load and 8" of operational space

² Includes LBR

^{1b} Add load length and operational space

³ Ground clearance under quad mast without load - 2.8"