

Hydrostatic Drive Diesel Truck 17,500 lb Capacity @ 36" Load Center



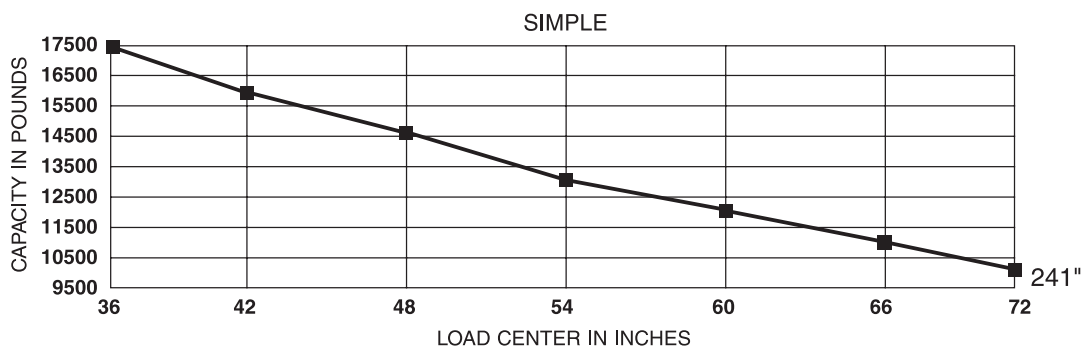
H80D-900



Series 353-03

Shown with optional equipment

DOWN RATING CHART H80D-900



MAST AND CAPACITY INFORMATION H80D-900 in (mm)

Mast Type	Collapsed Height h1	Maximum* Fork Height		Free Lift h5		Capacity @ 36" Load Center lb (kg) H80D-900	Tilt	
		h3	h3	With LBR	Without LBR		Forward	Back
		Simple	113.0 (2,870)	120.5 (3,061)	148.0 (3,759)	0	0	17,500 (8,000)
	126.5 (3,213)	148.0 (3,759)	159.5 (4,051)	0	0	17,500 (8,000)	6°	10°
	132.5 (3,366)	159.5 (4,051)	191.0 (4,851)	0	0	17,500 (8,000)	6°	10°
	148.5 (3,772)	191.0 (4,851)	207.0 (5,258)	0	0	17,500 (8,000)	6°	10°
	156.0 (3,962)	207.0 (5,258)	222.5 (5,652)	0	0	17,500 (8,000)	6°	10°
	164.0 (4,166)	222.5 (5,652)	238.5 (6,508)	0	0	17,500 (8,000)	6°	10°
	172.0 (4,369)	238.5 (6,508)		0	0	17,500 (8,000)	6°	10°

For dual and triple mast capacity information, contact factory.

*For overall raised height with LBR, add 55 in (1,400).

Manufacturer's data and design characteristics

May 2005



		Manufacturer	Abbreviation/Description	Linde	
Characteristics	1.1	Model	Manufacturer's description	H80D-900	
	1.2	Capacity rating	Base capacity	lb (kg)	17,500 (8,000)
	1.3	Load center		in (mm)	36 (900)
	1.4	Power source	Electric, diesel, LP, other	Diesel	
	1.5	Position of operator	Walkie, rider/stand, rider/sitdown	Rider/sitdown	
	1.6	Tire type front/rear	C=Cushion, SE=Super Elastic, P=Pneu	P/P	
	1.7	Wheels	Total number (x = driven), front/rear	2x/2	
	1.8	Steering	Power/manual	Power	
Dimensions	2.1	Simple mast		in (mm)	See mast table
	2.2	Dual mast		in (mm)	See price list
	2.3	Triple mast		in (mm)	See price list
	2.4	Carriage	Class/width	in (mm)	IV/85.8 (IV/2,180)
	2.5	Fork dimensions	Thickness/width/length	in (mm)	2.75x70x80 (70x1,800x200)
	2.6	Load backrest height	LBR	in (mm)	55 (1,400)
	2.7	Tilt	Forward/backward	degrees	See mast table
	2.8	Total length	Length to fork face	in (mm)	149.2 (3,790)
	2.9	Overall width, front		in (mm)	87.9 ²⁾ (2,232) ²⁾
	2.10	Front overhang		in (mm)	24.8 (630)
	2.11	Overall truck height	Including overhead guard	in (mm)	106.9 (2,714)
	2.12	Seat height		in (mm)	56.4 (1,432)
	2.13	Turning radius		in (mm)	131.7 (3,345)
	2.14	Aisle width		in (mm)	156.5 ¹⁾ (3,975) ¹⁾
Performance	3.1	Travel speed	With/without load	mph (kmh)	13.7/13.7 (20.0/22.0)
	3.2	Lifting speed	With/without load	fpm (mps)	82.6/82.6 (0.42/0.42)
	3.3	Lowering speed	With/without load	fpm (mps)	82.6/82.6 (0.42/0.42)
	3.4	Drawbar pull	With/without load	lb (N)	11,936/11,486 (53,000/51,000)
	3.5	Gradeability	With/without load	%	25/26
Weight	4.1	Weight	Without load	lb (kg)	27,337 (12,400)
	4.2	Axle loading	With load, front/rear	lb (kg)	40,123/4,850 (18,200/2,200)
	4.3	Axle loading	Without load, front/rear	lb (kg)	11,905/15,432 (5,400/7,000)
Chassis	5.1	Tire size	Front	in (mm)	8.25-15/18PR.
	5.2	Tire size	Rear	in (mm)	300-15
	5.3	Wheelbase		in (mm)	99 (2,510)
	5.4	Track width	Center line of tires, front/rear	in (mm)	67.6/61 (1,718/1,550)
	5.5	Ground clearance	With load (mast)	in (mm)	8 (202)
	5.6	Ground clearance	With load (chassis)	in (mm)	9.5 (240)
	5.7	Brake system		Dynamic/hydraulic	
	5.8	Parking brake		Foot/hand	
Drive	6.1	Voltage		v	12
	6.2	Engine	Manufacturer/model/cylinders	KHD/BF6M2012/6	
	6.3	Engine rating		hp (kw)	100 (75)
	6.4	Engine rpm		max. rpm	2,200
	6.5	Engine displacement		cu in (cc)	369 (6,060)
	6.6	Transmission		Hydrostatic	
	6.7	Noise level		dBa	78
	6.8	Speed control		Infinitely variable	
	6.9	Hydraulic system	Operating pressure	psi (bar)	3,771 (260)

¹⁾ Plus load length, plus clearance for 90° stack.

²⁾ Chassis width with dual drive tires.

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ANSI CLASSIFICATION: Standard truck meets all applicable mandatory requirements of ANSI/ASME B56.1 standards for powered industrial trucks.
NOTE: Performance data may vary due to motor and system efficiency tolerances. The performance depicted represents nominal values obtained under typical operating conditions. Metric dimensions are in millimeters unless otherwise specified. All metric dimensions are not direct equivalents due to rounding data. The descriptions and specifications included on this data sheet were in effect at the time of printing. Linde Lift Truck Corporation reserves the right to make improvements and changes in specification or design without notice and without incurring obligation. Please check with your authorized Linde dealer for information on possible updates or revisions.