



ELECTRIC COUNTERBALANCED TRUCKS

CAPACITY: 13,000 – 17,500 lbs.

E60 - E80/900

SERIES 1279

Safety

Handling loads up to 17,500 lbs. means safety is top priority. The overhead guard forms a strong, protective enclosure providing optimum structural integrity, safety and comfort to the operator. The unique mast design, with its slim profile, enables outstanding visibility and safety while handling loads.

Performance

High-capacity electric forklifts are expected to deliver high performance. Two powerful traction motors, maintenance-free brakes and intelligent electronic controls deliver the highest level of productivity. Precise control and performance at a maximum speed of 10 mph with and without load ensures maximum productivity.

Comfort

Working efficiently for extended periods is only possible with a comfortable operator. An ergonomic layout of the controls, adjustability of the armrest and seat, patented Linde Load Control, dual pedal directional control and the innovative cushioning of the operator cab provide the best possible intuitive interface between truck and operator.

Reliability/Durability

The Linde electronic control system provides the highest level of both because of its dual circuit monitoring capability and totally sealed housing, which provide high IP protection against moisture, abrasives and corrosives. With the aid of the diagnostic tool, Linde truck systems are fully monitored and set to individual needs.

Productivity

The Linde energy management system ensures intelligent and economical energy consumption. The projected remaining operating time is automatically calculated for the operator.

STANDARD EQUIPMENT / OPTIONAL EQUIPMENT

STANDARD EQUIPMENT

Linde hydrostatic power steering
Linde twin pedal directional control
Adjustable armrest
Linde Load Control working hydraulics system
2 x 10.5 kW maintenance-free AC drive motors
Graphic display of battery operating time (hh:min)
Standard monitoring of battery door
Automatic parking brake
High-performance dual hydraulic lift motors
Proportional reduction of travel speed when cornering (Linde Curve Assist)
Seamless electronic control of all traction and hydraulic functions

Lockable, underseat storage box compartment
Hydraulically cushioned, full suspension operator's seat with integral armrest
Comprehensive digital instrument display
Generous storage space for writing materials
Superelastic tires
Three drive modes providing the perfect combination of performance and efficiency
Clearview mast
Load backrest

OPTIONAL EQUIPMENT

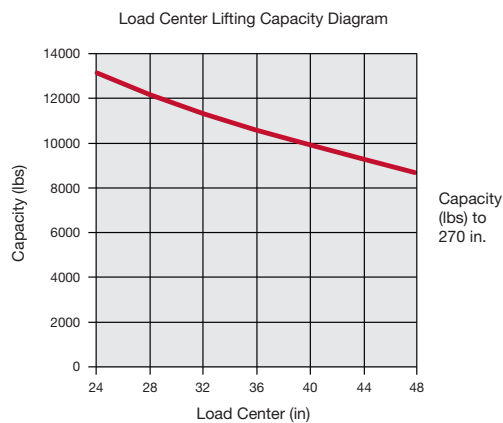
Single-pedal directional control with forward/reverse selector in the armrest
Alternative fork length
Charging on rear side with active ventilation
One, two or three hydraulic circuits for additional attachments
Polycarbonate top screen on overhead guard, modular cabin design up to full cabin
Top screen in bulletproof glass
Heating (with pollen protection filter)
Fabric covered comfort seat
Super-comfort seat with air suspension, heater and backrest extension

Single hydraulic joystick control
Truck lighting
Working lamps with LED technology
Flashing beacon/rotating beacon
Audible reversing alarm
External, internal and panoramic mirror
Clipboard with LED illumination
Alternative custom paintwork
Alternative tire types
Electrical socket 12V
BlueSpot™
Other options available on request

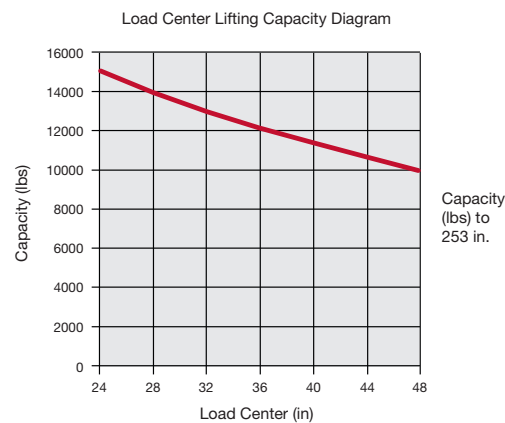
DOWNRATING CHARTS*

Reference solid pneumatic tires with Linde standard carriage and forks.

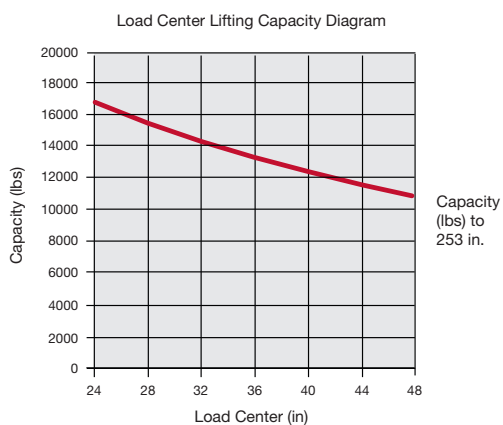
E60 (Simple Mast)



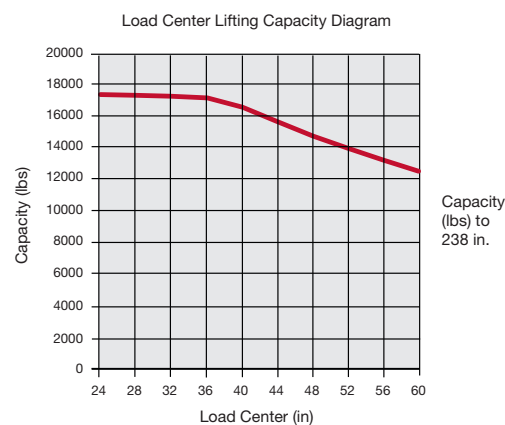
E70 (Simple Mast)



E80 (Simple Mast)



E80/900 (Simple Mast)



*For quick reference only, contact factory for detailed ratings.

MAST CHART*

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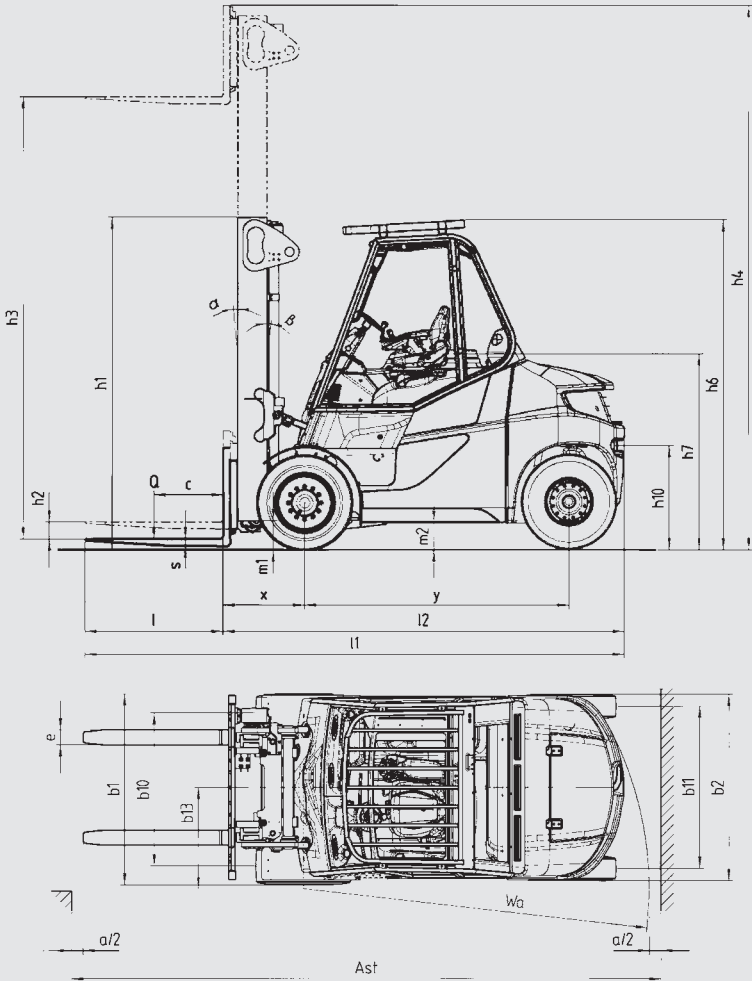


TECHNICAL DATA

June 2017 / Series 1279

Characteristics	1.1	Manufacturer		LINDE		LINDE		LINDE		LINDE	
	1.2	Model designation		E60		E70		E80		E80/900	
	1.3	Power unit		Electric		Electric		Electric		Electric	
	1.4	Operation		Rider Seated		Rider Seated		Rider Seated		Rider Seated	
	1.5	Load capacity/Load	Q	13000 lbs	6000 kg	15000 lbs	7000 kg	17500 lbs	8000 kg	17500 lbs	8000 kg
	1.6	Load center	c	24 in	600 mm	24 in	600 mm	24 in	600 mm	36 in	900 mm
	1.8	Axle center to fork face	x	28 in	710 mm	28.4 in	720 mm	28.4 in	720 mm	29.5 in	750 mm
	1.9	Wheelbase	y	91 in	2300 mm	91 in	2300 mm	91 in	2300 mm	94.5 in	2400 mm
Weights	2.1	Service weight¹		27196 lbs	12334 kg	28429 lbs	12893 kg	30804 lbs	13970 kg	34663 lbs	15720 kg
	2.2	Axle load with load, front/rear		35219/5201 lbs	15975/2359 kg	39416/4440 lbs	17879/2014 kg	43354/5082 lbs	19665/2305 kg	47362/4932 lbs	21483/2237 kg
	2.3	Axle load without load, front/rear		14458/12734 lbs	6558/5776 kg	15128/13296 lbs	6862/6030 kg	15596/15203 lbs	7074/6896 kg	17599/17057 lbs	7983/7737 kg
Wheels/Tires	3.1	Tires rubber, SE, pneumatic, polyurethane		SE		SE twin		SE twin		SE twin	
	3.2	Tire size, front		355/50-20		8.25-15		315/70-15		315/70-15	
	3.3	Tire size, rear		8.25-15		315/70-15		315/70-15		315/70-15	
	3.5	Wheels, number front/rear (x = driven)		2x / 2		4x / 2		4x / 2		4x / 2	
	3.6	Track width, front	b10	52 in	1326 mm	60 in	1514 mm	62 in	1564 mm	62 in	1564 mm
	3.7	Track width, rear	b11	55 in	1406 mm	55 in	1396 mm	55 in	1396 mm	55 in	1396 mm
Dimensions	4.1	Mast/fork carriage tilt, forward/backward		5.0° / 7.5°		5.0° / 7.5°		5.0° / 7.5°		5.0° / 7.5°	
	4.2	Height of mast, lowered	h1	114 in	2890 mm	114 in	2888 mm	114 in	2888 mm	114 in	2885 mm
	4.3	Free lift	h2	6 in	150 mm	6 in	150 mm	6 in	150 mm	6 in	150 mm
	4.4	Lift	h3	152 in	3850 mm	136 in	3450 mm	136 in	3450 mm	120 in	3050 mm
	4.5	Height of mast, extended	h4	187 in	4754 mm	179 in	4545 mm	179 in	4545 mm	175 in	4447 mm
	4.7	Height of overhead guard (cabin)	h6	112 in	2838 mm	112 in	2838 mm	112 in	2838 mm	112 in	2838 mm
	4.8	Height of seat/stand on platform	h7	67 in	1705 mm	67 in	1705 mm	67 in	1705 mm	67 in	1705 mm
	4.12	Towing coupling height	h10	34 in	853 mm	34 in	854 mm	34 in	854 mm	34 in	858 mm
	4.19	Overall length	l1	185 in	4693 mm	185 in	4703 mm	185 in	4703 mm	218 in	5533 mm
	4.20	Length to fork face	l2	138 in	3493 mm	138 in	3503 mm	138 in	3503 mm	147 in	3733 mm
	4.21	Overall width	b1/b2	65.35/63.62 in	1660/1616 mm	78.90/64.57 in	2004/1640 mm	83.12/65.12 in	2111/1654 mm	83.12/65.12 in	2111/1654 mm
	4.22	Fork dimensions	SxExL	2.36x5.12x47.24 in	60x130x1200 mm	2.76x5.91x47.24 in	70x150x1200 mm	2.76x5.91x47.24 in	70x150x1200 mm	2.76x7.9x71.0 in	70x200x1800 mm
	4.23	Fork carriage to ISO 2328, class/type A, B		4A		4A		4A		4A	
	4.24	Width of fork carriage	b3	63 in	1600 mm	71 in	1800 mm	86 in	2180 mm	86 in	2180 mm
	4.31	Ground clearance, below mast	m1	8.7 in	228 mm	8.7 in	220 mm	8.7 in	220 mm	8.7 in	220 mm
	4.32	Ground clearance, center of wheelbase	m2	8.4 in	214 mm	8.3 in	210 mm	8.3 in	210 mm	8.3 in	210 mm
	4.34.1	Aisle width with pallet 1000 x 1200 across forks²	Ast	193 in	4910 mm	194 in	4920 mm	194 in	4920 mm	203 in	5155 mm
	4.34.2	Aisle width with pallet 800 x 1200 along forks²	Wa	201 in	5110 mm	202 in	5120 mm	202 in	5120 mm	211 in	5355 mm
	4.35	Turning radius	b13	118 in	3000 mm	118 in	3000 mm	118 in	3000 mm	126 in	3205 mm
	4.36	Minimum pivoting point distance		35 in	877 mm	35 in	877 mm	35 in	877 mm	37 in	930 mm
Performance	5.1	Travel speed, with/without load		10/10 mph	16/16 km/h	10/10 mph	16/16 km/h	10/10 mph	16/16 km/h	10/10 mph	16/16 km/h
	5.2	Lifting speed, with/without load		74.8/90.5 fpm	0.38/0.46 m/s	63.0/90.5 fpm	0.32/0.46 m/s	59.1/90.5 fpm	0.3/0.46 m/s	59.1/90.5 fpm	0.3/0.46 m/s
	5.3	Lowering speed, with/without load		106.3/98.4 fpm	0.54 / 0.5 m/s	110.2/88.6 fpm	0.56 / 0.45 m/s	110.2/88.6 fpm	0.56 / 0.45 m/s	110.2/88.6 fpm	0.56 / 0.45 m/s
	5.6	Maximum tractive force, with/without load		9670/9670 lbs	43000/43000 N	9670/9670 lbs	43000/43000 N	9670/9670 lbs	43000/43000 N	9670/9670 lbs	43000/43000 N
	5.7	Climbing ability, with/without load		16.4 / 24.6 %		14.9 / 23.0 %		13.4 / 21.1 %		12.2 / 18.4 %	
	5.10	Service brake		hydr. / mech.		hydr. / mech.		hydr. / mech.		hydr. / mech.	
Drive	6.1	Drive motor, 60 minute rating		2x14.75 hp	2x10.5 kW	2x14.75 hp	2x10.5 kW	2x14.75 hp	2x10.5 kW	2x14.75 hp	2x10.5 kW
	6.2	Lift motor, rating at S3 15%		2x28.16 hp	2x21 kW	2x28.16 hp	2x21 kW	2x28.16 hp	2x21 kW	2x28.16 hp	2x21 kW
	6.4	Battery voltage/rated capacity (5h)		80 / 1240 V/Ah		80 / 1240 V/Ah		80 / 1240 V/Ah		80 / 1240 V/Ah	
	6.5	Battery weight (± 5%)		6140 lbs	2785 kg	6140 lbs	2785 kg	6140 lbs	2785 kg	6140 lbs	2785 kg
Other	10.1	Operating pressure for attachments		3843 psi	265 bar	3843 psi	265 bar	3843 psi	265 bar	3843 psi	265 bar
	10.2	Oil flow for attachments		22.45 g/min	85 l/min	22.45 g/min	85 l/min	22.45 g/min	85 l/min	22.45 g/min	85 l/min
	10.7	Noise level at operator's ear		<65 dB(A)		<65 dB(A)		< 65 dB(A)		< 65 dB(A)	

¹Including battery (line 6.5)
²Add clearance



FEATURES

Compact drive axle

- > Twin drive motor design with high-performance Linde AC technology
- > Automatic parking brake
- > Maintenance-free, oil-bath service brakes



Ease of servicing

- > Quick access to hydraulic oil filter and level check
- > Fast access to windscreen washer system and coolant reservoirs

Linde twin drive pedal controls

- > Seamless, rapid reversing without repositioning the feet
- > Short pedal travel
- > Fatigue-free working environment
- > Increased throughput and performance

Linde Load Control

- > Safe and highly efficient load handling
- > Precise and effortless fingertip control of all mast functions
- > Small, tactile mini levers integrated in the adjustable armrest

Dual drive motor power axle

- > Two powerful AC drive motors integrated in front axle
- > Active steering support via dual drive motor



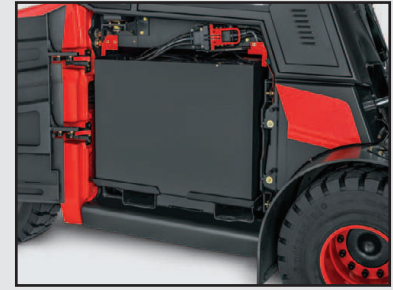
Linde operator compartment

- > Ergonomic design for efficient, fatigue-free working environment
- > Spacious operator compartment with generous floor plate area and adjustable seat
- > Reduced vibrations due to innovative shock-mounted cab structure



Clearview mast design

- > Excellent view of load and surroundings through the robust and slim mast poiles
- > Maximum base capacity to high lift heights
- > Outstanding residual capacities



Linde energy management system

- > Optimized energy consumption
- > Accurate battery condition monitoring
- > Simple horizontal low-level battery changing (if required)

For more information on Linde material handling equipment, please contact:

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