

Standard and Optional Equipment

Standard Equipment

- Pneumatic drive wheel
- Hook single position
- 4/4.5 km/h travel speed (w/o load)
- Curtis controller Built in charger
- Gel battery 24V 50Ah
- Display: hour meter, battery discharge indicator
- Automatic parking brake
- Belly switch on tiller head
- Key Switch
- Plug: CN type

Optional Equipment

- Traction pin
- Plug Interlock
- Various plug type



Other Options Available on Request



Towing Tractor

CAPACITY 1300kg
MP13 8904

Safety

The MP13 eliminates the physical effort which causes physical stress and strain to users. The position of the tiller places the operator at a safe yet comfortable working distance from the truck. The efficient braking systems ensures inherent safety. The MP13 features an effective parking brake to hold the truck safely on slopes or on lorry tail lifts.

Performance

With the MP13 moving trolleys, roll cages, shopping karts have never been so easy. Equipped with a 0.4 kw drive motor the MP13 offers a highly cost-effective and productive solution for short distance transfer duties of loads up to 1300 kg. Its compactness guarantees maximum maneuverability when operating in busy area or confined spaces.

Comfort

The dual butterfly levers on the ergonomic tiller head ensure precision traction control with either hand. The inclination of the

tiller can be easily and conveniently adjusted to suit every operator's preferences. A built-in charger makes operation more convenient, the operator can charge anywhere.

Reliability

The durable drive unit of the MP13 delivers consistent high performance and reliability. It is equipped with maintenance-free battery. The battery discharge indicator with operating hour meter informs you at any time about the charging status and failure code of the battery.

Service

Linde light tractor are designed to reduce maintenance cost. The maintenance-free battery with built-in charger, flexible operation, no need to add water. All the truck's performance parameters can easily be configured to match the requirements of the customer's application.

Linde Material Handling

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Features



Drive unit

- Reliable Curtis controller
- Adjustable parameters: Max.travel speed, acceleration



Towing couplings

- Easy coupling and decoupling
- Coupling is always in excellent view of operator
- Additional various coupling devices



Multifunction display

- Reliable and precise battery discharge indicator
- Operating hour meter
- Faults code indication



Tiller

- Centralized operation tiller
- Adjustable tiller height
- Dual butterfly control levers for use with either hand
- Belly switch on tiller head stops truck when actuated



Built-in charger

- Maintenance-free battery: 24V 50Ah
- Working time: 3-5h charging flexibly and easily
- Plug interlock for more safety



Braking

- Automatic deceleration when butterfly button is released
- Parking brake applies automatically when tiller arm is released
- Proofed emergency button
- Key switch

"Subject to modification in the interests of progress. Illustration and technical details not binding for actual constructions and may show the optional equipments."

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Linde Material Handling

Linde

Technical Data

Characteristics	1.1	Manufacturer		Linde
	1.2	Model designation		MP13
	1.3	Power unit		蓄电池 Battery
	1.4	Operation		步行式 Pedestrian
	1.5	rated capacity	Q(kg)	1300
Weights	1.7	Rated drawbar pull	F	200
	1.9	Wheelbase	y (mm)	315 ¹⁾
	2.1	Service weight (include battery)	kg	98
Wheels	2.2	Axle loading, laden, (front) drive/(rear) load	kg	98/0
	2.3	Axle loading without load, (front) drive/(rear) load	kg	78/20
	3.1	Tyre, (front) drive/(rear)load		pneumatic
	3.2	Tyre size, (front) drive wheel	mm	Ø 2x250x85
	3.3	Tyre size, (rear) load wheel	mm	Ø 2x75x32
	3.5	Wheels, number (front)drive/ (rear) load (x=drive wheels)		2x /2
	3.6	Track width, (front)drive	b10 (mm)	428 ¹⁾
Dimensions	3.7	Track width, (rear) load	b11 (mm)	217
	4.9	Height of handle bar in operating position min./max.	h14 (mm)	876/971/1051
	4.12	Tow coupling height	h10(mm)	120~280
	4.17	Rear overhang	l5(mm)	430
	4.19	Overall length	l1 (mm)	1284/1344/1374
	4.21	Overall width	b1/ b2 (mm)	520 ¹⁾
Performances	4.32	Ground clearance, center of wheelbase	m2 (mm)	30
	4.35	turning radius	Wa (mm)	890/940/980
	5.1	Travel speed, with/without load	km/h	4/4.5
	5.1.1	Travel speed, with/without load backward	km/h	NA / 4
	5.5	Drawbar pull (60 minutes rating)	N	200
	5.6	Max. drawbar pull (5 minutes rating)	N	650
Drive	5.8	Maximum gradeability, with/without load	%	3/16
	5.10	Service brake		电动 Electromagnetic
	6.1	Drive motor rating S2 60 min	kW	0.4
	6.3	The maximum allowed size battery	mm	195/165/175
Other	6.4	Battery voltage/rated capacity K20	V/Ah	24/50
	6.5	Battery weight (+5%)	kg	2x14
	6.6	Energy consumption acc. to VDI cycle	kWh/h	0.218
	8.1	Type of drive control		DC
	8.4	Noise level at the operator's ear	dB(A)	<50

Figures for standard version may vary when options equipment is fitted
1) ±3mm

