

**NOBLELIFT**  
CANADA  INC.

WE PROMISE | WE DELIVER

 ISO9001 / ISO14001  
CE Certificate

# NOBLELIFT EDGE

*POWERED PALLET TRUCK*



**ELEVEX™**  
Material Handling Solutions

Q max.  
2000kg

# PTE15/20N2[PTE33/45N2]

## LIFTING CAPACITY:

- 1500kg / 3300lbs and 2000kg / 4500lbs

## COMPACT & ROBUST

- Compact, maintenance-friendly design for work in confined spaces.
- High robustness with 4.5mm (PTE15N2) and 5mm (PTE20N2) thick fork steel.

## INNOVATIVE LITHIUM BATTERY AND CHARGER

- Industry first serviceable compact lithium battery.
- Optional heating system for charging in low-temperature environments.
- Optional integrated battery lock function for security.
- Compatible with **Noblelift Charging** Hub for plug & play fast charging.
- Optional integrated charger with a wide range of configurations available to meet the needs of different markets.

## ALL-WEATHER PERFORMANCE

- Suitable for use in temperatures as low as -15°/5°F.

## PALLET COMPATIBILITY

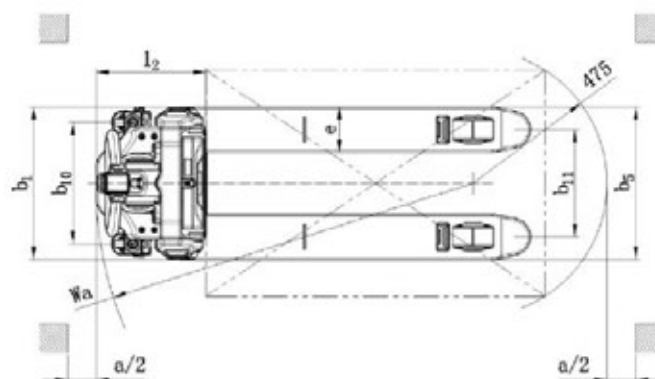
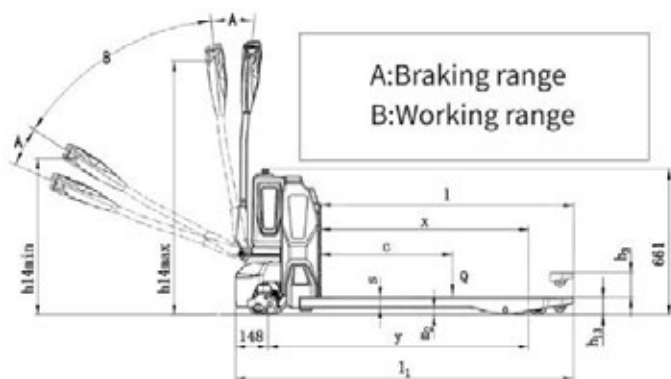
- Pallet compatibility-special version for US-type closed pallets with a lowered height of 75mm / 2.95in for 1500kg / 3300 Lbs models.

## ENHANCED ERGONOMICS

- New generation tiller head with improved ergonomics.



**ELEVEX**<sup>™</sup>  
Material Handling Solutions



## TECHNICAL DATA IN LINE WITH VDI 2198

### IDENTIFICATION

1.2	Model		PTE15N2	PTE20N2
1.3	Drive		Battery	Battery
1.4	Operation		Pedestrian	Pedestrian
1.5	Load capacity/rated load	Q(t)	1.5	2.0
1.6	Load centre distance	c(mm)	600	600
1.8	Load distance	x(mm)	947	951
1.9	Wheelbase	y(mm)	1187	951

### WEIGHTS

2.1	Net weight with battery	kg	125	127	125	153
2.2	Axle loading, laden front/rear	kg	500/1225	626/1002	621/1528	625/1528
2.3	Axle loading, unladen front/rear	kg	96/29	99/29	115/34	119/34

### WHEELS/FRAME

3.1	Tyres		PU	PU		
3.2	Tyre size, front	Øxw (mm)	Ø 210x70	Ø 210x70		
3.3	Tyre size, rear	Øxw (mm)	Ø 74 x 93 <sup>1)</sup> / Ø 80 x 70 (Ø 80 x 93)	Ø 80 x 70 (Ø 80 x 93)		
3.4	Additional wheels (dimensions)	Øxw (mm)	Ø-80 x 30	Ø-80 x 30		
3.5	Wheels, number front/rear(x=driven wheels)		1x/2(1x/4) or 1x + 2/2(1x + 2/4)	1x/2(1x/4) or 1x + 2/2(1x + 2/4)		
3.6	Tread, width, front	b10(mm)	-/430	-/430		
3.7	Tread, width, rear	b11(mm)	380	525	380	525

### BASIC DIMENSIONS

4.4	Lift	h3(mm)	115	115		
4.9	Height of tiller, min./max.	h14(mm)	700/1160	700/1160		
4.15	Height, lowered	h13(mm)	75 <sup>2)</sup> /80	80		
4.19	Overall length	l1(mm)	1537	1543		
4.20	Length to face of forks	l2(mm)	388	394		
4.21	Overall width	b1(mm)	540	685	540	685
4.22	Fork dimensions	s/e/l(mm)	50/160/1150	50/160/1150		
4.25	Width across forks	b5(mm)	540	685	540	685
4.32	Ground clearance (centre of wheelbase)	m2(mm)	25 <sup>3)</sup> /30	30		
4.34	Aisle width for pallets 800x1200 lengthways	Ast(mm)	2013	2019		
4.35	Turning radius	Wa(mm)	1336	1342		

## PERFORMANCE DATA

5.1	Travel speed laden/unladen	km/h	4.2/4.7	4.8/5.2
5.2	Lift speed laden/unladen	m/s	0.020/0.025	0.017/0.022
5.3	Lowering speed laden/unladen	m/s	0.05/0.04	0.05/0.03
5.8	Max. geadeability, laden/unladen	%	6/16	8/16
5.10	Service brake		Electromagnetic	Electromagnetic

## ELECTRISC

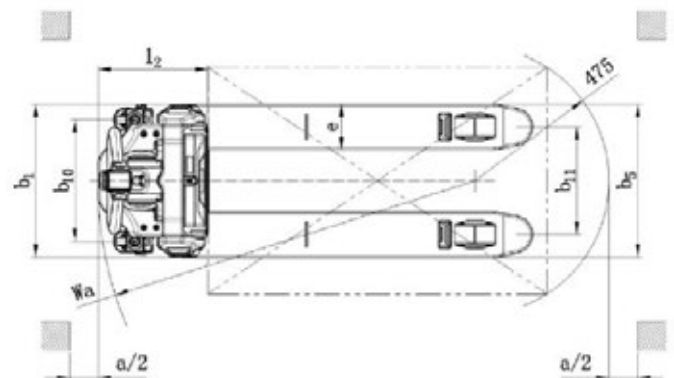
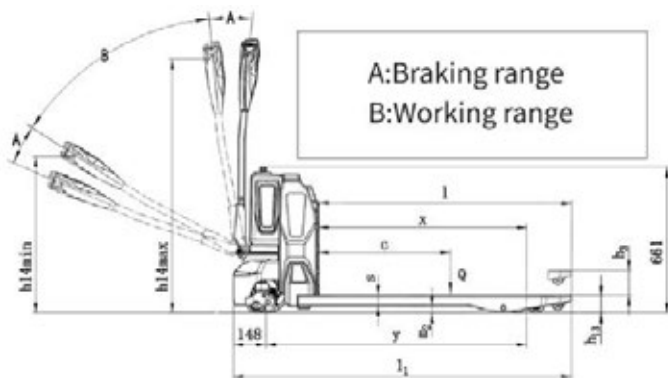
6.1	Drive motor, output at S2 60min.	kW	0.65	1.0
6.2	Lift motor, output at S3 10%	kW	0.5	1.8
6.3	Battery as per DIN 43531/35/36 A, B, C, no		NO	No
6.4	Battery voltage/nominal capacity	V/Ah	24/20 (24/40)	48/20
6.5	Battery weight	kg	5.8 (8.5)	8.5
6.6	Energy consumption acc. to VDI cycle	kWh/h	0.18	0.25

## MISC

8.1	Type of drive control		DC speed control	DC speed control
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### Note:

- 1) When h13 is 75mm, select this single wheel;
- 2) With 74x93 single wheel;
- 3) When h13 is 75mm, then m2 is 25mm.



## TECHNICAL DATA IN LINE WITH VDI 2198

### IDENTIFICATION

1.2	Model		PTE33N2	PTE45N2
1.3	Drive		Battery	Battery
1.4	Operation		Pedisttrain	Pedisttrain
1.5	Load capacity/rated load	Q(lbs)	3307	4409
1.6	Load centre distance	c(in)	23.6	23.6
1.8	Load distance	x(in)	37.3	37.4
1.9	Wheelbase	y(in)	46.7	46.8

### WEIGHTS

2.1	Net weight with battery	lbs	276	280	328	337
2.2	Axle loading, laden front/rear	lbs	1102/2701	1380/2209	1369/3369	1378/3369
2.3	Axle loading, unladen front/rear	lbs	212/64	218/64	115/34	119/34

## WHEELS/FRAME

3.1	Tyres		PU		PU	
3.2	Tyre size, front	Øxw (in)	Ø 8.3x2.8		Ø 8.3x2.8	
3.3	Tyre size, rear	Øxw (in)	Ø 2.9 x 3.7 <sup>1)</sup> / Ø 3.2 x 2.8 (Ø 3.2 x 3.7)		Ø 3.2 x 2.8 <sup>1)</sup> (Ø 3.2 x 3.7)	
3.4	Additional wheels (dimensions)	Øxw (in)	Ø -3.2 x 1.2		Ø -3.2 x 1.2	
3.5	Wheels, number front/rear(x=driven wheels)		1x/2(1x/4)or 1x + 2/2(1x +2/4)		1x/2(1x/4)or 1x + 2/2(1x +2/4)	
3.6	Tread, width, front	b10(in)	-/16.9		-/16.9	
3.7	Tread, width, rear	b11(in)	15	21	15	21

## BASIC DIMENSIONS

4.4	Lift	h3(in)	4.5		4.5	
4.9	Height of tiller, min./max.	h14(in)	28/46		28/46	
4.15	Height, lowered	h13(in)	3 <sup>2)</sup> /3.2		3.2	
4.19	Overall length	11(in)	60.5		61	
4.20	Length to face of forks	12(in)	15.3		15.5	
4.21	Overall width	b1(in)	21	27	21	27
4.22	Fork dimensions	s/e/l(in)	2/6.3/45		2/6.3/45	
4.25	Width across forks	b5(in)	21	27	21	27
4.32	Ground clearance (centre of wheelbase)	m2(in)	1 <sup>3)</sup> /1.2		1.2	
4.34	Aisle width for pallets 800x1200 lengthways	Ast(in)	79		79	
4.35	Turning radius	Wa(in)	53		53	

## PERFORMANCE DATA

5.1	Travel speed laden/unladen	mph	2.6/2.9		3/3.2	
5.2	Lift speed laden/unladen	in/s	0.8/1		0.7/0.9	
5.3	Lowering speed laden/unladen	in/s	2/1.6		2/1.2	
5.8	Max. gradeability, laden/unladen	%	6/16		8/16	
5.10	Service brake		Electromagnetic		Electromagnetic	

## ELECTRISC

6.1	Drive motor, output at S2 60min.	Hp	0.87		1.34	
6.2	Lift motor, output at S3 10%	Hp	0.67		1.07	
6.3	Battery as per DIN 43531/35/36 A, B, C, no		NO		No	
6.4	Battery voltage/nominal capacity	V/Ah	24/20 (24/40)		48/20	
6.5	Battery weight	lbs	12(18.7)		18.7	
6.6	Energy consumption acc. to VDI cycle	kWh/h	0.18		0.25	

## MISC

8.1	Type of drive control		DC speed control		DC speed control	
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### Note:

1) When h13 is 3in, select this single wheel; 2) With 2.9x3.7 single wheel; 3) When h13 is 3in, then m2 is 1in.



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