

**NEW** Noblelift Products  
**ARRIVAL**

Smart Design

Robustness

Safety

Ergonomics

High Performance

Maintenance Friendly

## PTE15/20N2(PTE33/45N2)

### Lifting Capacity

- Lifting Capacity: 1500 kg / 3300 lbs and 2000 kg / 4500 lbs.

### Compact and 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 and 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°C / 5°F.

### Pallet Compatibility

- Pallet Compatibility-Special versions for US-type closed pallets with a lowered height of 75 mm / 2.95 in for 1500 kg / 3300 lbs models.

### Enhanced Ergonomics

- New generation tiller head with improved ergonomics.

**NOBLELIFT**

**EDGE**  
**EDGE**



**Powered Pallet Truck**

NOBLELIFT INTELLIGENT EQUIPMENT CO., LTD

[www.noblelift.com](http://www.noblelift.com)

### NOBLELIFT CHINA

Add:528 Changzhou Road, Taihu Sub-district,  
Changxing, Zhejiang 313100 China  
Tel:86-572-6210817 6210311  
Fax:86-572-6210777 6128612  
Email: info@noblelift.com  
Http: www.noblelift.com www.noblelift.cn

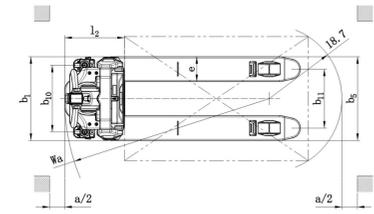
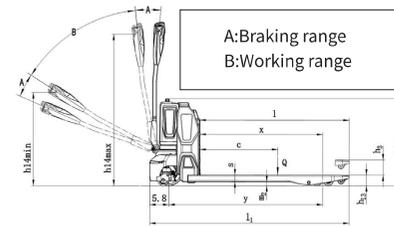
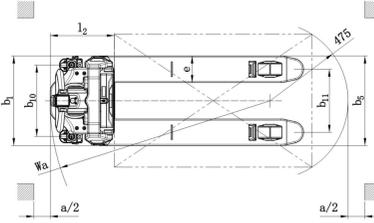
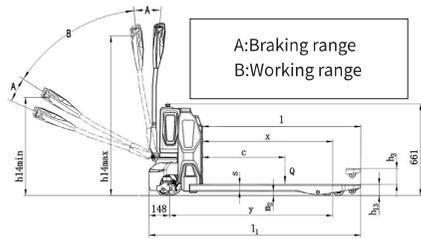


Official website



Our Wechat

All specifications and figures are subject to change without notice



Technical data in line with VDI 2198

| Identification   |   | PTE15N2                               |  | PTE20N2                       |  |
|------------------|---|---------------------------------------|--|-------------------------------|--|
| 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                           |  |
| 1.6              | Load centre distance                        | c (mm)                                |  | 600                           |  |
| 1.8              | Load distance                               | x (mm)                                |  | 947                           |  |
| 1.9              | Wheelbase                                   | y (mm)                                |  | 1187                          |  |
| Weights          |   | kg                                    |  | kg                            |  |
| 2.1              | Net weight with battery                     | 125                                   |  | 127                           |  |
| 2.2              | Axle loading, laden front/rear              | 500/1225                              |  | 626/1002                      |  |
| 2.3              | Axle loading, unladen front/rear            | 96/29                                 |  | 99/29                         |  |
| Wheels/frame     |   | PU                                    |  | PU                            |  |
| 3.1              | Tyres                                       | PU                                    |  | PU                            |  |
| 3.2              | Tyre size, front                            | Ø210×70                               |  | Ø210×70                       |  |
| 3.3              | Tyre size, rear                             | Ø74 ×93 <sup>1)</sup> /Ø80×70(Ø80×93) |  | Ø80×70(Ø80×93)                |  |
| 3.4              | Additional wheels(dimensions)               | -/Ø80×30                              |  | -/Ø80×30                      |  |
| 3.5              | Wheels, number front/rear(x=driven wheels)  | 1x/2(1x/4)or1x +2/2(1x +2/4)          |  | 1x/2(1x/4) or1x +2/2(1x +2/4) |  |
| 3.6              | Tread, width, front                         | b10 (mm)                              |  | -430                          |  |
| 3.7              | Tread, width, rear                          | b11 (mm)                              |  | 380                           |  |
| 380              |   | 525                                   |  | 380                           |  |
| 525              |   |                                       |  |                               |  |
| Basic dimensions |   | h3 (mm)                               |  | h3 (mm)                       |  |
| 4.4              | Lift  | 115                                   |  | 115                           |  |
| 4.9              | Height of tiller, min./max.                 | h14 (mm)                              |  | 700/1160                      |  |
| 4.15             | Height, lowered                             | h13 (mm)                              |  | 75 <sup>2)</sup> /80          |  |
| 4.19             | Overall length                              | l1 (mm)                               |  | 1537                          |  |
| 4.20             | Length to face of forks                     | l2 (mm)                               |  | 388                           |  |
| 4.21             | Overall width                               | b1 (mm)                               |  | 540                           |  |
| 685              |   |                                       |  |                               |  |
| 540              |   | 685                                   |  | 540                           |  |
| 685              |   |                                       |  |                               |  |
| 4.22             | Fork dimensions                             | s/e/l (mm)                            |  | 50/160/1150                   |  |
| 4.25             | Width across forks                          | b5 (mm)                               |  | 540                           |  |
| 685              |   |                                       |  |                               |  |
| 540              |   | 685                                   |  | 540                           |  |
| 685              |   |                                       |  |                               |  |
| 4.32             | Ground clearance (centre of wheelbase)      | m2 (mm)                               |  | 25 <sup>3)</sup> /30          |  |
| 4.34             | Aisle width for pallets 800×1200 lengthways | Ast (mm)                              |  | 2013                          |  |
| 4.35             | Turning radius                              | Wa (mm)                               |  | 1336                          |  |
| Performance Data |   | km/h                                  |  | km/h                          |  |
| 5.1              | Travel speed, laden/ unladen                | 4.2/4.7                               |  | 4.8/5.2                       |  |
| 5.2              | Lift speed, laden/ unladen                  | m/s                                   |  | 0.020/0.025                   |  |
| 5.3              | Lowering speed, laden/ unladen              | m/s                                   |  | 0.05/0.04                     |  |
| 5.8              | Max. gradeability, laden/ unladen           | %                                     |  | 6/16                          |  |
| 5.10             | Service brake                               | Electromagnetic                       |  | Electromagnetic               |  |
| Electric         |   | kW                                    |  | kW                            |  |
| 6.1              | Drive motor, output at S2 60min             | 0.65                                  |  | 1.0                           |  |
| 6.2              | Lift motor, output at S3 10%                | kW                                    |  | 0.5                           |  |
| 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)                 |  |
| 6.5              | Battery weight                              | kg                                    |  | 5.8 (8.5)                     |  |
| 6.6              | Energy consumption acc. to VDI cycle        | kWh/h                                 |  | 0.18                          |  |
| Misc             |   | DC speed Control                      |  | DC speed Control              |  |
| 8.1              | Type of drive control                       | DC speed Control                      |  | DC speed Control              |  |

Notes:1) When h13 is 75mm, select this single wheel; 2) With 74×93 single wheel; 3) When h13 is 75mm, m2 is 25mm.

Technical data in line with VDI 2198

| Identification   |   | PTE33N2                          |  | PTE45N2                                     |  |
|------------------|---|----------------------------------|--|---|--|
| 1.2              | Model                                       | PTE33N2                          |  | PTE45N2                                     |  |
| 1.3              | Drive                                       | Battery                          |  | Battery                                     |  |
| 1.4              | Operation                                   | Pedestrian                       |  | Pedestrian                                  |  |
| 1.5              | Load Capacity / rated load                  | Q (lbs)                          |  | 3307  |  |
| 1.6              | Load centre distance                        | c (in)                           |  | 23.6  |  |
| 1.8              | Load distance                               | x (in)                           |  | 37.3  |  |
| 1.9              | Wheelbase                                   | y (in)                           |  | 46.7  |  |
| Weights          |   | lbs                              |  | lbs   |  |
| 2.1              | Net weight with battery                     | 276                              |  | 280   |  |
| 2.2              | Axle loading, laden front/rear              | 1102/2701                        |  | 1380/2209                                   |  |
| 2.3              | Axle loading, unladen front/rear            | 212/64                           |  | 218/64                                      |  |
| Wheels/frame     |   | PU                               |  | PU  |  |
| 3.1              | Tyres                                       | PU                               |  | PU  |  |
| 3.2              | Tyre size, front                            | Øxw (in)                         |  | Ø8.3×2.8                                    |  |
| 3.3              | Tyre size, rear                             | Øxw (in)                         |  | Ø2.9 ×3.7 <sup>1)</sup> /Ø3.2×2.8(Ø3.2×3.7) |  |
| 3.4              | Additional wheels(dimensions)               | Øxw (in)                         |  | -/Ø3.2×1.2                                  |  |
| 3.5              | Wheels, number front/rear(x=driven wheels)  | 1x/ 2(1x/ 4)或 1x +2/ 2(1x +2/ 4) |  | 1x/ 2(1x/ 4)或 1x +2/ 2(1x +2/ 4)            |  |
| 3.6              | Tread, width, front                         | b10 (in)                         |  | -16.9                                       |  |
| 3.7              | Tread, width, rear                          | b11 (in)                         |  | 15  |  |
| 15               |   | 21                               |  | 15  |  |
| 21               |   |                                  |  |   |  |
| Basic dimensions |   | h3 (in)                          |  | h3 (in)                                     |  |
| 4.4              | Lift  | 4.5                              |  | 4.5   |  |
| 4.9              | Height of tiller, min./max.                 | h14 (in)                         |  | 28/46                                       |  |
| 4.15             | Height, lowered                             | h13 (in)                         |  | 3 <sup>2)</sup> /3.2                        |  |
| 4.19             | Overall length                              | l1 (in)                          |  | 60.5  |  |
| 4.20             | Length to face of forks                     | l2 (in)                          |  | 15.3  |  |
| 4.21             | Overall width                               | b1 (in)                          |  | 21  |  |
| 21               |   | 27                               |  | 21  |  |
| 27               |   |                                  |  |   |  |
| 4.22             | Fork dimensions                             | s/e/l (in)                       |  | 2/6.3/45                                    |  |
| 4.25             | Width across forks                          | b5 (in)                          |  | 21  |  |
| 21               |   | 27                               |  | 21  |  |
| 27               |   |                                  |  |   |  |
| 4.32             | Ground clearance (centre of wheelbase)      | m2 (in)                          |  | 1 <sup>3)</sup> /1.2                        |  |
| 4.34             | Aisle width for pallets 800×1200 lengthways | Ast (in)                         |  | 79  |  |
| 4.35             | Turning radius                              | Wa (in)                          |  | 53  |  |
| Performance Data |   | mph                              |  | mph   |  |
| 5.1              | Travel speed, laden/ unladen                | 2.6/2.9                          |  | 3/3.2                                       |  |
| 5.2              | Lift speed, laden/ unladen                  | in/s                             |  | 0.8/1                                       |  |
| 5.3              | Lowering speed, laden/ unladen              | in/s                             |  | 2/1.6                                       |  |
| 5.8              | Max. gradeability, laden/ unladen           | %                                |  | 6/16  |  |
| 5.10             | Service brake                               | Electromagnetic                  |  | Electromagnetic                             |  |
| Electric         |   | Hp                               |  | Hp  |  |
| 6.1              | Drive motor, output at S2 60min             | 0.87                             |  | 1.34  |  |
| 6.2              | Lift motor, output at S3 10%                | Hp                               |  | 0.67  |  |
| 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)                                |  |
| 6.5              | Battery weight                              | lbs                              |  | 12(18.7)                                    |  |
| 6.6              | Energy consumption acc. to VDI cycle        | kWh/h                            |  | 0.18  |  |
| Misc             |   | DC-speed Control                 |  | DC-speed Control                            |  |
| 8.1              | Type of drive control                       | DC-speed Control                 |  | DC-speed Control                            |  |

Notes:1) When h13 is 3in, select this single wheel; 2) With 2.9×3.7 single wheel; 3) When h13 is 3in, m2 is 1in.