

# WAREHOUSE EQUIPMENTS

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**01**

**SBA**



## Hand Pallet Truck

### Innovation Design

- > Reduce maintenance cost
- > Improve working efficiency
- > Increase truck service life

- High reliability, suitable for a variety of environments. It can be used for 3~5years under normal maintenance.
- Casting pump, which prevents any loosening and leakage.
- High-strength alloy steel fork frame.
- Set the active safety valve to prevent overloading of operation.
- 54mm fork thickness ensures high capacity.

Optimized round fork tips ensures easy operation;  
54mm fork thickness ensures high capacity;  
Curve design on the fork tips help pallets entry in/out.

| Model                      |                      | SBA               |                   |                   |
|----------------------------|----------------------|-------------------|-------------------|-------------------|
| Load capacity/rated load   | Q (kg)               | 2500 <sup>①</sup> | 3000 <sup>①</sup> | 3500              |
| Load centre distance       | c (mm)               | 500               | 500               | 500               |
| Wheel size, front          | mm                   | Φ180×50           | Φ180×50           | Φ180×50           |
| Wheel size rear (single)   | mm                   | Φ80×93/74×93      | Φ80×93/74×93      | Φ80×93/74×93      |
| Wheel size rear (tandem)   | mm                   | Φ80×70/74×70      | Φ80×70/74×70      | Φ80×70/74×70      |
| Lifting height             | h <sub>3</sub> (mm)  | 200/190           | 200/190           | 200/190           |
| Lowered height             | h <sub>13</sub> (mm) | 85/75             | 85/75             | 85/75             |
| Overall length             | l <sub>1</sub> (mm)  | 1534/1604         | 1534/1604         | 1534/1604         |
| Fork length                | s/e/l                | 54/160/1150(1220) | 54/160/1150(1220) | 54/160/1150(1220) |
| Distance between fork-arms | b <sub>5</sub> (mm)  | 520*/550/685      | 520*/550/685      | 520*/550/685      |
| Turning radius             | W <sub>a</sub> (mm)  | 1249/1319         | 1249/1319         | 249/1319          |

\*: Option

● forks length is available at: 1600mm, 1800mm, 2000mm, 2200mm, 2500mm

① CE certificate is available.

**02**



## SBA50



### Heavy duty pallet truck

- Capacity 5000Kg
- Strengthened forks for a reliable quality
- 5mm thickness high rigidity steel plate.

| Model                      | SBA50                |                    |                    |
|----------------------------|----------------------|--------------------|--------------------|
| Load capacity/rated load   | Q (kg)               | 5000               | 5000               |
| Load centre distance       | c (mm)               | 500                | 500                |
| Wheel size, front          | mm                   | Φ200/Φ180          | Φ200/Φ180          |
| Wheel size rear (double)   | mm                   | Φ85/Φ75            | Φ85/Φ75            |
| Lifting height             | h <sub>3</sub> (mm)  | 207/194            | 207/194            |
| Lowered height             | h <sub>13</sub> (mm) | 88/77              | 88/77              |
| Overall length             | l <sub>1</sub> (mm)  | 1620               | 1544               |
| <b>Fork dimensions</b>     | <b>s/e/l</b>         | <b>57/160/1220</b> | <b>57/160/1150</b> |
| Distance between fork-arms | b <sub>5</sub> (mm)  | 685                | 550                |
| <b>Net weight</b>          | <b>Kg(mm)</b>        | <b>110</b>         | <b>105</b>         |

## SBA-D20



### Smart Hand pallet truck

- Welding pump, with leaking proof design
- With overloading safety valve.
- Chrome plate piston.
- Different fork length are available.
- Option: Rubber wheel, nylon wheel, polyurethane wheel.

#### Lowering position:

Pull up the finger tip control handle to lower the truck.

#### Neutral position:

Stay the position during move.

#### Lifting position:

Pull down the tip control, press the handle to raise the truck.

Optimized round fork tips ensures easy operation;  
54mm fork thickness ensures high capacity;  
Curve design on the fork tips help pallets entry in/out.

| Model                                        | SBA-D20              |                          |
|----------------------------------------------|----------------------|--------------------------|
| Load capacity/rated load                     | Q (kg)               | 2000                     |
| Load centre distance                         | c (mm)               | 500                      |
| Net weight                                   | kg                   | 55-65                    |
| Wheel size, front                            | mm                   | Φ160×50                  |
| Wheel size rear                              | mm                   | Φ70×60                   |
| Lifting height                               | h <sub>3</sub> (mm)  | 190                      |
| Height of tiller in drive position min./max. | h <sub>14</sub> (mm) | 1234/1224                |
| Lowered height                               | h <sub>13</sub> (mm) | 75                       |
| <b>Fork dimensions</b>                       | <b>s/e/l</b>         | <b>54/150/1150(1220)</b> |
| Distance between fork-arms                   | b <sub>5</sub> (mm)  | 520*/550/685             |
| Aisle width for pallets 1000×1200 crossways  | A <sub>st</sub> (mm) | 1730/1800                |
| Aisle width for pallets 800×1200 crossways   | A <sub>st</sub> (mm) | 1780/1800                |

\*: Option

## SBA-E



### SBA-E2

- Galvanized casting pump & base, with leaking proof design.
- With overloading safety valve.

### SBA-E

#### Casting pump with leaking proof design.

- With overloading safety valve.
- Chrome plate piston.
- Different fork length is available.
- Fork frame "C" piece design ensures high capacity.
- Option: Rubber wheel, nylon wheel, polyurethane wheel.

| Model                      |                      | SBA-E (SBA-E2)    |                   |
|----------------------------|----------------------|-------------------|-------------------|
| Load capacity/rated load   | Q (kg)               | 2500              | 3000              |
| Load centre distance       | c (mm)               | 500               | 500               |
| Wheel size, front          | mm                   | Φ160×50           | Φ160×50           |
| Wheel size rear (single)   | mm                   | Φ70×80            | Φ70×80            |
| Wheel size rear (tandem)   | mm                   | Φ70×60            | Φ70×60            |
| Lifting height             | h <sub>3</sub> (mm)  | 190               | 190               |
| Lowered height             | h <sub>13</sub> (mm) | 75                | 75                |
| Overall length             | l <sub>1</sub> (mm)  | 1534/1604         | 1534/1604         |
| Fork dimensions            | s/e/l                | 54/150/1150(1220) | 54/150/1150(1220) |
| Distance between fork-arms | b <sub>5</sub> (mm)  | 520/550/685       | 520/550/685       |
| Turning radius             | Wa (mm)              | 1249/1319         | 1249/1319         |

## SBA-L



### Low Profile Pallet Truck

- Special size pallet truck can be produced as per customer's request.

| Model                      |                      | SBA-L52           | SBA-L60           |
|----------------------------|----------------------|-------------------|-------------------|
| Load capacity/rated load   | Q (kg)               | 1500              | 2000              |
| Load centre distance       | c (mm)               | 500               | 500               |
| Wheel size, front          | mm                   | Φ150              | Φ160              |
| Wheel size rear            | mm                   | Φ50               | Φ58               |
| Lifting height             | h <sub>3</sub> (mm)  | 140               | 150               |
| Lowered fork height        | h <sub>13</sub> (mm) | 52                | 60                |
| Overall length             | l <sub>1</sub> (mm)  | 1547/1617         | 1547/1617         |
| Fork dimensions            | s/e/l                | 38/150/1150(1220) | 38/150/1150(1220) |
| Distance between fork-arms | B <sub>5</sub> (mm)  | 520/550/685       | 520/550/685       |

## SBC



### Scale Pallet Truck

- Weighing function key: zero, tare, clear and calibration.
- Tolerance:  $\pm 0.2\%$ .
- Built-in charger.
- Rechargeable battery.

| Model               |               | SBC-A (With printer) | SBC-B (Without printer) |
|---------------------|---------------|----------------------|-------------------------|
| Capacity            | kg            | 2000                 | 2000                    |
| Min.fork height     | $h_{13}$ (mm) | 80                   | 80                      |
| Max.fork height     | $h_3$ (mm)    | 200                  | 200                     |
| Steering wheel      | mm            | $\Phi 180 \times 50$ | $\Phi 180 \times 50$    |
| Load roller         | mm            | $\Phi 70 \times 70$  | $\Phi 70 \times 70$     |
| Width overall forks | $b_5$ (mm)    | 540×1150/685×1220    | 540×1150/685×1220       |
| Fork length         | mm            | 1150(1220)           | 1150(1220)              |
| Overall length      | $l_1$ (mm)    | 1568                 | 1568                    |
| Battery             | V/Ah          | 6/7.2                | 6/7.2                   |
| Net weight          | Kg            | 105                  | 100                     |

## SBJ



### Reel Pallet Truck

Ergonomically designed handle with rubber grip, used for move reels, cable drums, coils, rolls etc.

| Model                      |               | SBJ                              |
|----------------------------|---------------|----------------------------------|
| Load capacity/rated load   | Q (kg)        | 2000                             |
| Load centre distance       | c (mm)        | 500                              |
| Wheel size,front           | mm            | $\Phi 180 \times 50$             |
| Wheel size rear            | mm            | $\Phi 80 \times 70/74 \times 70$ |
| Lifting height             | $h_3$ (mm)    | 200/190                          |
| Lowered fork height        | $h_{13}$ (mm) | 85/75                            |
| Overall length             | $l_1$ (mm)    | 1534/1604                        |
| Fork dimensions            | s/e/l         | 54/160/1150                      |
| Distance between fork-arms | $b_5$ (mm)    | 1000                             |
| Bale Diameter              | mm            | $\Phi 800 \sim 1200$             |



# SDA



## Hand Stacker

### Single mast

#### Reliable performance with easy maintenance

- High quality mast steel ensures rigidity, durability.
- Integral pump, which prevents loosening, leak-proof.
- High efficiency pump, operating lighter, more comfortable.
- Lifting speed keeps smooth regardless of loading weight, which is safe to use.

### Double mast

- The stacker can be lifted by handle or foot pedal.
- Hand control valve precise control convenience.
- Set the active safety valve to prevent overloading of use.
- Maintenance-free design, ensures security, reduces service cost.

| Model                           |               | SDA1016  | SDA1516  | SDA2016  | SDA1025  | SDA1030  | SDA1525  | SDA1530  |
|---------------------------------|---------------|----------|----------|----------|----------|----------|----------|----------|
| Load capacity/rated load        | Q (kg)        | 1000     | 1500     | 2000     | 1000     | 1000     | 1500     | 1500     |
| Load centre distance            | C (mm)        | 500      | 400      | 400      | 500      | 500      | 400      | 400      |
| Service weight                  | Kg            | 250      | 270      | 290      | 290      | 316      | 310      | 336      |
| Lowered mast height             | $h_1$ (mm)    | 2080     | 2080     | 2080     | 1830     | 2080     | 1830     | 2080     |
| Lifting height                  | $h_3$ (mm)    | 1600     | 1600     | 1600     | 2500     | 3000     | 2500     | 3000     |
| Overall height                  | $h_4$ (mm)    | 2080     | 2080     | 2080     | 3080     | 3080     | 3580     | 3580     |
| Fork lowered height             | $h_{13}$ (mm) | 90       | 90       | 90       | 90       | 90       | 90       | 90       |
| Ground clearance                | $m_1$ (mm)    | 25       | 25       | 25       | 25       | 25       | 25       | 25       |
| Turning radius                  | $W_g$ (mm)    | 1200     | 1200     | 1200     | 1200     | 1200     | 1200     | 1200     |
| Lifting speed with/without load | mm/s          | 9.5/10.5 | 9.5/10.5 | 9.5/10.5 | 9.5/10.5 | 9.5/10.5 | 9.5/10.5 | 9.5/10.5 |

# SPA



## Lift Table

- High quality hydraulic ensures reliable long life.
- Designed as per CE requirements.
- With protection bracket and brakes on rear wheel.
- With overload protection.

| Model                           |                            | SPA150      | SPA300      | SPA500      | SPA1000      | SPA1500      |
|---------------------------------|----------------------------|-------------|-------------|-------------|--------------|--------------|
| Load capacity/rated load        | kg                         | 150         | 300         | 500         | 1000         | 1500         |
| Max.lift height                 | $h_{12}$ (mm)              | 740         | 900         | 900         | 1000         | 1000         |
| Min.height of table             | $h_{13}$ (mm)              | 225         | 340         | 340         | 420          | 420          |
| Lifting height                  | $h_3$ (mm)                 | 515         | 560         | 560         | 620          | 580          |
| Table size                      | $l \times b \times s$ (mm) | 740×450×35  | 855×500×50  | 855×500×50  | 1000×510×55  | 1220×610×60  |
| Foot pedal cycles to max height |                            | ≤25         | ≤32         | ≤45         | ≤55          | ≤70          |
| Service weight                  | kg                         | 44          | 82          | 87          | 115          | 135          |
| Carton size                     | mm                         | 860×485×300 | 985×510×350 | 985×510×350 | 1170×520×420 | 1420×625×420 |



# SPS



## Manual Lift Table

| Model                           |                              | SPS150      | SPS350      | SPS800       |
|---------------------------------|------------------------------|-------------|-------------|--------------|
| Load capacity/rated load        | kg                           | 150         | 350         | 800          |
| Max.lift height                 | $h_{12}$ (mm)                | 1100        | 1300        | 1500         |
| Min.height of table             | $h_{13}$ (mm)                | 302         | 350         | 475          |
| Lifting height                  | $h_3$ (mm)                   | 798         | 950         | 1025         |
| Table size                      | $l \times b_5 \times s$ (mm) | 700×450×35  | 910×500×52  | 1220×610×60  |
| Foot pedal cycles to max height |                              | ≤30         | ≤60         | ≤70          |
| Service weight                  | kg                           | 64          | 105         | 172          |
| Carton size                     | mm                           | 860×485×300 | 985×510×350 | 1370×645×470 |

# HLT



## High lift Scissor Truck

- Supporting legs and adjustable stabilizers extended to the floor automatically when the forks reach a height of 420mm, to ensure the max. stability.
- With quick lift function when loading below 150kg.

| Model               |    | HLT10C     |            |
|---------------------|----|------------|------------|
| Capacity            | Kg | 1000       | 1000       |
| Min.fork height     | mm | 85         | 85         |
| Max.fork height     | mm | 800        | 800        |
| Fork width          | mm | 540        | 680        |
| Fork length         | mm | 1150       | 1150       |
| Packing 4pcs/pallet | cm | 214x62x111 | 214x76x111 |



## High lift Scissor Truck

- The descending speed always keeps same regardless the truck with or without loading, which prevents cargo damage from fast descending.
- Capacity: 1000kg / 1500kg.

| Model               |    | HLT10     |           | HLT15     |           |
|---------------------|----|-----------|-----------|-----------|-----------|
| Capacity            | Kg | 1000      | 1000      | 1500      | 1500      |
| Min.fork height     | mm | 85        | 85        | 85        | 85        |
| Max.fork height     | mm | 800       | 800       | 800       | 800       |
| Fork width          | mm | 520       | 680       | 520       | 680       |
| Fork length         | mm | 1140      | 1140      | 1100      | 1100      |
| Packing 4pcs/pallet | cm | 193x58x72 | 193x74x72 | 193x58x77 | 193x74x77 |



## DGB



### High Lift Scissor Truck

- Battery lift.
- Overload protection.
- Steering wheel and fork rollers: Nylon and PU for option.

| Model                    | DGB       |            |            |
|--------------------------|-----------|------------|------------|
| Load capacity/rated load | Q (kg)    | 1000       | 1500       |
| Min./Max.Fork height     | mm        | 85/800     | 85/800     |
| Fork width               | b (mm)    | 520/680    | 520/680    |
| Fork length              | l (mm)    | 1140       | 1170       |
| Battery                  | (V)/(A/h) | 12/66      | 12/66      |
| Charger(input/output)    | V         | 220~240/12 | 220~240/12 |
| Net weight               | Kg        | 135/142    | 149/157    |

## BDA



### Semi electric pallet stacker

**Lever-assisted steering, reduces labor intensity, the service time is also increased by 3 times to chain steering.**

- Strong mast material ensures high capacity.
- Explosion-proof valve in the pump, to avoid rapid decline to ensure the operator's safety.
- Over-discharge protection device greatly extends battery life.
- Foot brake is simple and easy to maintain.
- Forks size:

- 1) Type A fixed forks 550x1150mm.
- 2) Type B forged forks 200~800mmx1070mm.
- 3) Type C adjustable forks 290~850(930)mmx1070mm.
- 4) Different forks size are available for each type.

| Model                             | BDA                 |                               |
|-----------------------------------|---------------------|-------------------------------|
| Drive style                       | Manual              |                               |
| Load centre distance              | Q (kg)              | 1000/1500/2000                |
| Load center                       | C (mm)              | 500                           |
| Net weight                        | kg                  | 380/450/480                   |
| Wheel/(Number)                    | Nylon/PU/(2/2)      |                               |
| Tyre size,front                   | (mm)                | φ180x50                       |
| Tyre size,rear                    | (mm)                | φ80x93                        |
| Lowered mast height               | h <sub>1</sub> (mm) | 2085/1585/1835/2085/2235/2335 |
| Lifting height                    | h <sub>3</sub> (mm) | 1600/2000/2500/3000/3300/3500 |
| Overall height                    | h <sub>4</sub> (mm) | 2085/2410/2910/3410/3710/3910 |
| Overall length                    | l <sub>1</sub> (mm) | 1735                          |
| Overall width                     | b <sub>1</sub> (mm) | 800                           |
| Ground clearance                  | m <sub>2</sub> (mm) | 26                            |
| Turning radius                    | W <sub>g</sub> (mm) | 1430                          |
| Lifting speed with / without load | m/s                 | 0.135/0.150                   |
| Falling speed with / without load | m/s                 | Hand control                  |
| Battery voltage / rated capacity  | V/Ah                | 12/(100/115)                  |