

# NOBLELIFT

**WALKIE REACH  
TRUCK  
3000 LBS**

**NEW**

**PS30RM**



#### ▶ Reach mast

By offering the same stability in stacking operations than counterbalance stacker, the PS 30RM can operate through the reach mast in tighter spaces than counterbalance stacker.

#### ▶ AC Drive

The powerful Noblelift AC- drive technology combines as best performance with energy-saving as well as easy serviceability.

#### ▶ Battery

The powerful 270 Ah and in specific the alternative available 400 Ah battery is long-running during the day.

#### ▶ Fork tilt

the fork tilt allows easier and safer pallet staging and pallet handling.

#### ▶ Foldable platform

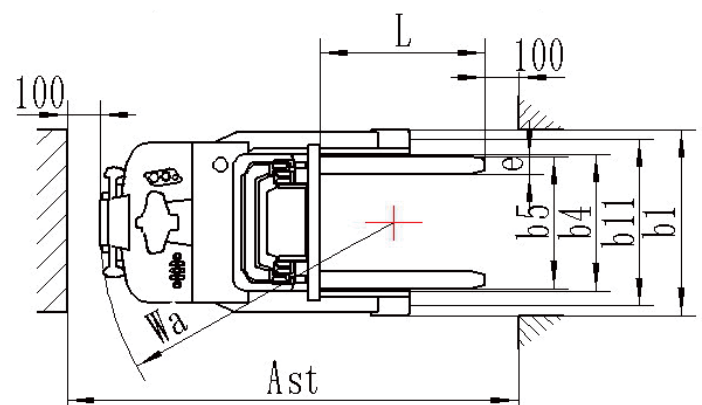
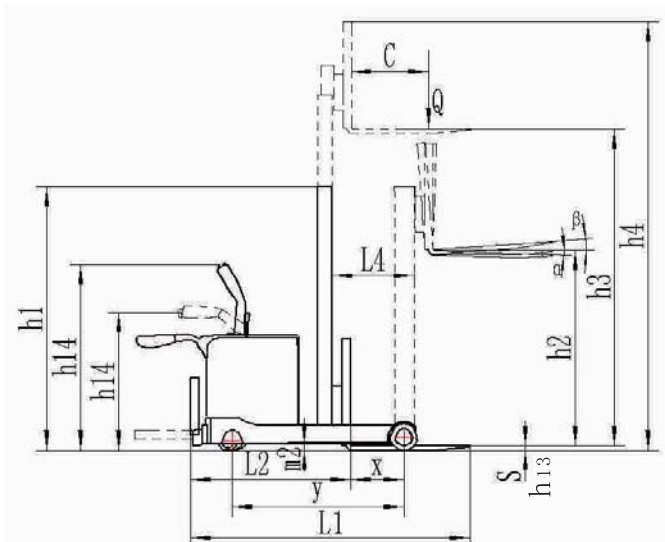
Where longer distances needs to be bridged, the foldable platform with protective arms is the best choice to handle goods more efficient.

#### ▶ Robust chassis

The PS 30RM comes with a robust chassis ready for warehouse-operations but loading/ unloading operations as well. The larger support wheels ensure longer lifetime than smaller wheels on other trucks.

#### ▶ Electric Steering

Where the stackers are getting more powerful steering forces are a matter. The Noblelift electric steering system gives the effortless operability operator require during the shifts.



## Type sheet for industrial truck acc. to VDI 219

## Distinguishing mark

|     |                                             |         | PS30RM<br>63 | PS30RM<br>71 | PS30RM<br>118 | PS30RM<br>142 | PS30RM<br>177 |
|-----|---------------------------------------------|---------|--------------|--------------|---------------|---------------|---------------|
| 1.2 | Manufacturer's type designation             |         |              |              | Battery       |               |               |
| 1.3 | Power(battery,diesel,petrol gas>manual)     |         |              |              | pedestrian    |               |               |
| 1.4 | Operator type                               |         |              |              |               |               |               |
| 1.5 | Load Capacity / rated load                  | Q (lbs) |              |              | 3000          |               |               |
| 1.6 | Load centre distance                        | C (in)  |              |              | 23.6          |               |               |
| 1.8 | Load distance, centre of drive axle to fork | X (in)  | 16.3         |              | 15.3          | 14.9          |               |
| 1.9 | Wheelbase                                   | y (in)  |              | 49.4         |               | 53.3          |               |

## Weight

|     |                                   |     |               |               |               |               |               |
|-----|-----------------------------------|-----|---------------|---------------|---------------|---------------|---------------|
| 2.1 | Service weight                    | lbs | 4012.4        | 4078.6        | 4453.3        | 4927.3        | 5423.4        |
| 2.2 | Axle loading, laden front/rear    | lbs | 3262.8/3615.6 | 3306.9/3637.6 | 3483.3/3836.0 | 3703.8/4089.6 | 3902.2/4387.2 |
| 2.3 | Axle loading, unladen front/ rear | lbs | 2976.2/1036.2 | 3020.3/1058.2 | 3295.9/1157.4 | 3648.7/1278.7 | 4012.4/1411.0 |

## Tires, chassis

|     |                                             |           |                   |  |          |  |  |
|-----|---------------------------------------------|-----------|-------------------|--|----------|--|--|
| 3.1 | Tires                                       |           | Polyurethane (PU) |  |          |  |  |
| 3.2 | Tire size, front                            | φx w (in) |                   |  | 9.1×3. 0 |  |  |
| 3.3 | Tire size, rear                             | φx w (in) |                   |  | 8.3×3. 3 |  |  |
| 3.4 | Additional wheels (dimensions)              | φx w (in) |                   |  | 5.9×2.1  |  |  |
| 3.5 | Wheels, number front/ rear(x=driven wheels) |           |                   |  | 1×+2/2   |  |  |
| 3.6 | Tread, front                                | b10 (in)  |                   |  | 24.4     |  |  |
| 3.7 | Tread, rear                                 | b11 (in)  |                   |  | 39.1     |  |  |

## Dimensions

|      |                                                 |            |           |           |                     |            |            |
|------|-------------------------------------------------|------------|-----------|-----------|---------------------|------------|------------|
| 4.1  | Mast/fork carriage tilt forward/backward        | α/β ( . )  |           |           | 2/4                 |            |            |
| 4.2  | Lowered mast height                             | h1(in)     | 81.7      | 89.6      | 82.7                | 72.8       | 85.5       |
| 4.3  | Free lift                                       | h2(in)     | 61.0      | 68.9      | 60                  | 49.6       | 59.8       |
| 4.4  | Lift height                                     | h3(in)     | <b>63</b> | <b>71</b> | <b>118</b>          | <b>142</b> | <b>177</b> |
| 4.5  | Extended mast height                            |            | 97.0      | 104.8     | 152.1               | 180.9      | 212.4      |
| 4.9  | Height of tiller in drive position min. / max.  | h14(in)    |           |           | 40.7/55.7           |            |            |
| 4.15 | Height, lowered                                 | h13(in)    |           |           | 2.0                 |            |            |
| 4.19 | Overall length                                  | l1 (in)    |           | 89.2      | 90.2                |            | 94.5       |
| 4.20 | Length to face of forks                         | l2 (in)    |           | 43.9      | 44.9                |            | 49.2       |
| 4.21 | Overall width                                   | b1 (in)    |           |           | 43.5                |            |            |
| 4.22 | Fork dimensions                                 | s/e/l (in) |           |           | 1. 4/3.9/37.4(45.3) |            |            |
| 4.25 | Distance between fork-arms                      | b5 (in)    |           |           | 7.9~29.1            |            |            |
| 4.26 | Distance between supports arms/loading surfaces | b4(in)     |           |           | 30.9                |            |            |
| 4.28 | Reach distance                                  | l4(in)     |           | 21.7      |                     |            | 22.8       |
| 4.32 | Ground clearance, centre of wheelbase           | m2 (in)    |           |           | 2.3                 |            |            |
| 4.33 | Aisle width for pallets 100×1200 crossways      |            | 103.6     |           | 104.3               |            | 108.4      |
| 4.34 | Aisle width for pallets 800×1200 lengthways     | Ast (in)   | 105.3     |           | 106.2               |            | 110.4      |
| 4.35 | Turning radius                                  | Wa (in)    |           | 62.7      |                     |            | 66.5       |
| 4.37 | Length across wheel arms                        |            |           | 65        |                     |            | 68.9       |

## Performance

|      |                                 |     |  |             |                 |  |             |
|------|---------------------------------|-----|--|-------------|-----------------|--|-------------|
| 5.1  | Travel speed, laden/ unladen    | mph |  | 3.1/3.4     |                 |  | 3.1/3.4     |
| 5.2  | Lift speed, laden/ unladen      | fpm |  | 167.3/240.1 |                 |  | 216.5/324.8 |
| 5.3  | Lowering speed, laden / unladen | fpm |  | 246.1/157.5 |                 |  | 196.8/187.0 |
| 5.8  | Gradeability, laden/ unladen    | %   |  |             | 5/8             |  |             |
| 5.10 | Service brake                   |     |  |             | Electromagnetic |  |             |

## Motors

|     |                                                |       |  |        |                |  |        |
|-----|------------------------------------------------|-------|--|--------|----------------|--|--------|
| 6.1 | Drive motor rating S2 60min                    | HP    |  |        | 2.5            |  |        |
| 6.2 | Lift motor rating at S315%                     | HP    |  | 3.0    |                |  | 4.0    |
| 6.3 | Battery acc. to DIN 43531 /35 / 36 A, B, C, no |       |  | 3Pzs   |                |  | 5Pzs   |
| 6.4 | Battery voltage, nominal capacity K5           | V/Ah  |  | 24/270 |                |  | 24/400 |
| 8.1 | Type of drive control                          |       |  |        | MOSFET control |  |        |
| 8.4 | Sound level at driver's ear acc. to EN 12053   | dB(A) |  |        | 67             |  |        |

# PS30RM

## Walkie Reach Truck

### INTRODUCTION

The PS30RM is the perfect selection where a short length in combination with a higher lift capacity is required.

In combination with the powerful components this truck comes with an excellent performance.

### ADVANTAGES

- Combines the counterbalance stacker with the reach-mast.
- Powerful AC drive unit.
- Electric steering.
- High capacity battery.
- Optional foldable platform.
- Fork tilting.

AUTHORIZED DEALER

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