



## ER A20 & ER D20

### The Easy Roller for Most Effortless Travelling Operations

#### INTRODUCTION

The Easy Roller makes with its mechanically powered drive travelling operations most effortless and safe.

Once the mechanically drive is engaged by oscillating up-and down- movements of the tiller the truck accelerates with a minimum of operational forces.

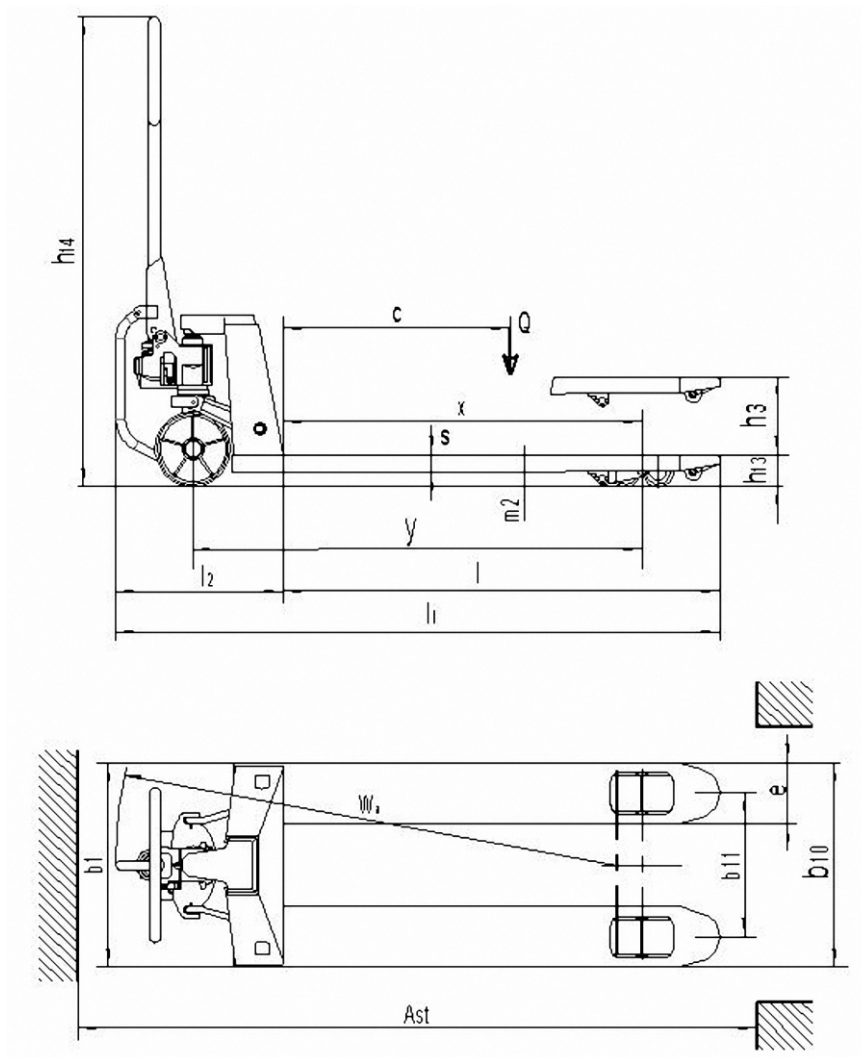
The function can be engaged to both direction and can be overdriven. For safety in each opposite direction the drive works as a parking brake in one direction.

Horizontal transportation of heavy loads becomes easy and safe.

#### ADVANTAGES

- Robust and durable  
The trucks robust and durable design enlarges service intervals.
- Short and maneuverable  
In most confined areas the truck makes the operations fast, safe and effortless.
- Robust and durable pump with fine control of lowering speed, low maintenance.
- Options of tandem or single load wheels with entry rollers or not.

## PARAMETERS



# Type sheet for industrial truck acc. to VDI 2198

1KG=2.2LB 1INCH=25.4MM

|                     |      |                                             |            |             |
|---------------------|------|---------------------------------------------|------------|-------------|
| Distinguishing mark | 1.2  | Manufacturer's type designation             |            | ER A20/25   |
|                     | 1.3  | Drive                                       |            | Manual      |
|                     | 1.4  | Operator type                               |            | Hand        |
|                     | 1.5  | Load Capacity / rated load                  | Q(t)       | 2.0/2.5     |
|                     | 1.6  | Load centre distance                        | c(mm)      | 600         |
|                     | 1.8  | Load distance ,centre of drive axle to fork | x(mm)      | 972         |
|                     | 1.9  | Wheelbase                                   | Y(mm)      | 1218        |
| Weight              | 2.1  | Service weight incl. battery(see line 6.5)  | kg         | 75          |
|                     | 2.2  | Axle loading, laden front/rear              | kg         | 1794/843    |
|                     | 2.3  | Axle loading, unladen front/rear            | kg         | 24/52       |
| Tyres, chassis      | 3.1  | Tyres                                       |            |             |
|                     | 3.2  | Tyre size, front                            | mm         | Ø80× 70     |
|                     | 3.3  | Tyre size, rear                             | mm         | Ø200× 50    |
|                     | 3.4  | Additional wheels(dimensions)               | mm         |             |
|                     | 3.5  | Wheels, number front/rear(x=driven wheels)  |            | 2/ 2 or 2/4 |
|                     | 3.6  | Tread, front                                | b10 (mm)   | 540         |
|                     | 3.7  | Tread, rear                                 | b11 (mm)   | 380         |
| Dimensions          | 4.4  | Lift (standard mast)                        | h3 (mm)    | 115         |
|                     | 4.9  | Height of tiller in drive position min/max  | h14(mm)    | 1230        |
|                     | 4.15 | Height, lowered                             | h13 (mm)   | 85          |
|                     | 4.19 | Overall length                              | l1 (mm)    | 1598        |
|                     | 4.20 | Length to face of forks                     | l2 (mm)    | 448         |
|                     | 4.21 | Overall width                               | b1 (mm)    | 540         |
|                     | 4.22 | Fork dimensions                             | s/e/l (mm) | 48/160/1150 |
|                     | 4.25 | Distance between fork- arms                 | b5 (mm)    | 540         |
|                     | 4.32 | Ground clearance, centre of wheelbase       | m2 (mm)    | 37          |
|                     | 4.34 | Aisle width for pallets 800X1200 lengthways | Ast (mm)   | 2141        |
|                     | 4.35 | Turning radius                              | Wa (mm)    | 1328        |

# KEY FEATURES



- 1 Option of ergonomically designed handles, with option of comfortable rubber grip or robust whole steel handle, or one-piece plastic cover allows the optimized safety as well as comfortable.
- 2 Three position operational handle lever for lifting, transporting and lowering purposes.

Lower Position---to lower load, pull up on the finger tip control.

Neutral Position---to place finger tip control in this position during pulling the truck or load.

Lift Position---to raise load, push down on finger tip control, pump handle to raise the load.



- 3 Mechanical Drive  
The mechanical drive for effortless acceleration with heavy loads. The drive can be engaged into both direction and has also a rest position.
- 4 Oscillation movements  
Easy oscillation movements of the tiller reduces the operational forces to a minimum.
- 5 Brake function and ramps  
If the mechanical drive is engaged in one direction, a brake function is applied into the other direction. On inclines this function is a obvious advantage: No downside rolling of the truck.
- 6 This function also helps a lot if the truck is used on tail lifts or for battery exchange systems.



- 7 Option of single and tandem fork rollers
- 8 Additional entry and exit fork rollers guarantees for maximum stability and safety for transporting goods on slopes.

## NOBLELIFT

### NOBLELIFT CHINA

Add: No. 528, Jing Yi Road Economic Development Zone,  
Changxing zhejiang China PC: 313100  
Tel: 86-572-6210776 6210788 Fax: 86-572-6210777 6128612  
www.noblelift.com Email: info@noblelift.com

### NOBLELIFT EUROPE GMBH Spare Parts Center

Add: Borsigstrae 9D-93092 Barbing Germany  
Tel: +49 9401 607930 Fax: +49 9401 6079329  
www.noblelift-europe.com Email: inter@noblelift-europe.com

### AMERICAN NOBLELIFT CORP.

Add: 1810 S. Milliken Ave., Ontario, CA 91761, USA  
Tel: +1 909 390 6258 Fax: +1 909 390 5114  
Toll Free #: (888) 662-5354  
www.nobleliftus.com Email: info@nobleliftus.com

### SPARE PARTS CENTER

Borsigstrae 9D-93092 Barbing Germany  
Tel: +49 (0) 9401 911 330 Fax: +49 (0) 9401 911 3329  
Email: parts@noblelift-europe.com