

BEFORE YOU BEGIN

Thank you for using our hydraulic drum picker. Our hydraulic drum picker is made of high quality steel. For your safety and correct operation, please carefully read this instruction before using it.

This machine has been designed for lifting, rotating or stacking barrel on plane and level floors. Special holding device designed for safe, reliable and easy moving and operating. It's the most convenient way to handle barrels.



**Hydraulic Drum Picker
DP25**

**Eoslift Warehousing Equipment Co., Ltd.
No.99, Yanjia Road, Yuantong Town, Haiyan, Zhejiang**

Year of Manufacture: 2014

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1.Specification

Lifting capability	250kg/550lbs
Lifting height	280mm/11"
Max. drum diameter	572mm/22.5"
Max. drum length	915mm/36"
Net weight	40kg/88lbs

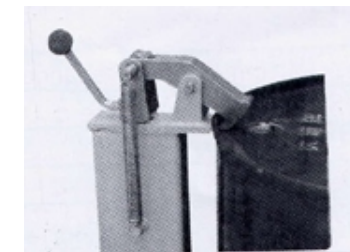
2.Precaution

1. Always use the hydraulic drum transporter on firm and flat floor.
2. Don't overload
3. Only after clamp firmly biting drum can the transporter be moved.

3.Operating Methods

1. Lifting drum

Turn joystick (Part No.3) clockwise, and then move the transporter in order to make the lifting frame (Part No.2) contact with drum.Time after time press the handle (Part No.4) to pump up the lifting frame (Part No.2) so that the upper edge of drum is between the clamp's teeth and the teeth on the upper end of lifting frame (Part No.2). Please refer to the following figure.



Then push the bulbous knob that is connected to clamp (Part No.1) so as for the clamp to bite the drum firmly and for the bulbous knob to lock the clamp (Part No.1).Continue to pump up the lifting frame (Part No.2) by handle (Part No.4) and then the drum will be lifted.

2. transportation

Push or haul the handle (Part No.4) to move the transporter to the destination. (Certainly, if necessary, operator can turn the handle to change the transporter's moving direction.)

3. Put down the drum

Slowly turn joystick (Part No.3) counterclockwise and lower the drum till it stands on appointed place. Take the bulbous knob back to unlock position so as to release the clamp.

4.Maintenance

- 1.Do routine check of chassis (Part No.6) and front wheels. Especially ensure that rear caster is firm.
- 2.Do routine check of packing.
- 3.It is feasible and reasonable to change hydraulic oil while change packing. It is suggested to use equivalent performance hydraulic oil.

Use different hydraulic oil according to temperature scale below

Temperature	Hydraulic Oil
-5°C—+45°C	L-HM68 Hydraulic Oil (equivalent to ISO VG68)
-15°C—-5°C	L-HM46 Hydraulic Oil (equivalent to ISO VG46)

4. Do routine check of the clamp's tooth. Replace it if tooth wears out seriously.
5. Do routine check of all the connecting parts for example pins and fasteners

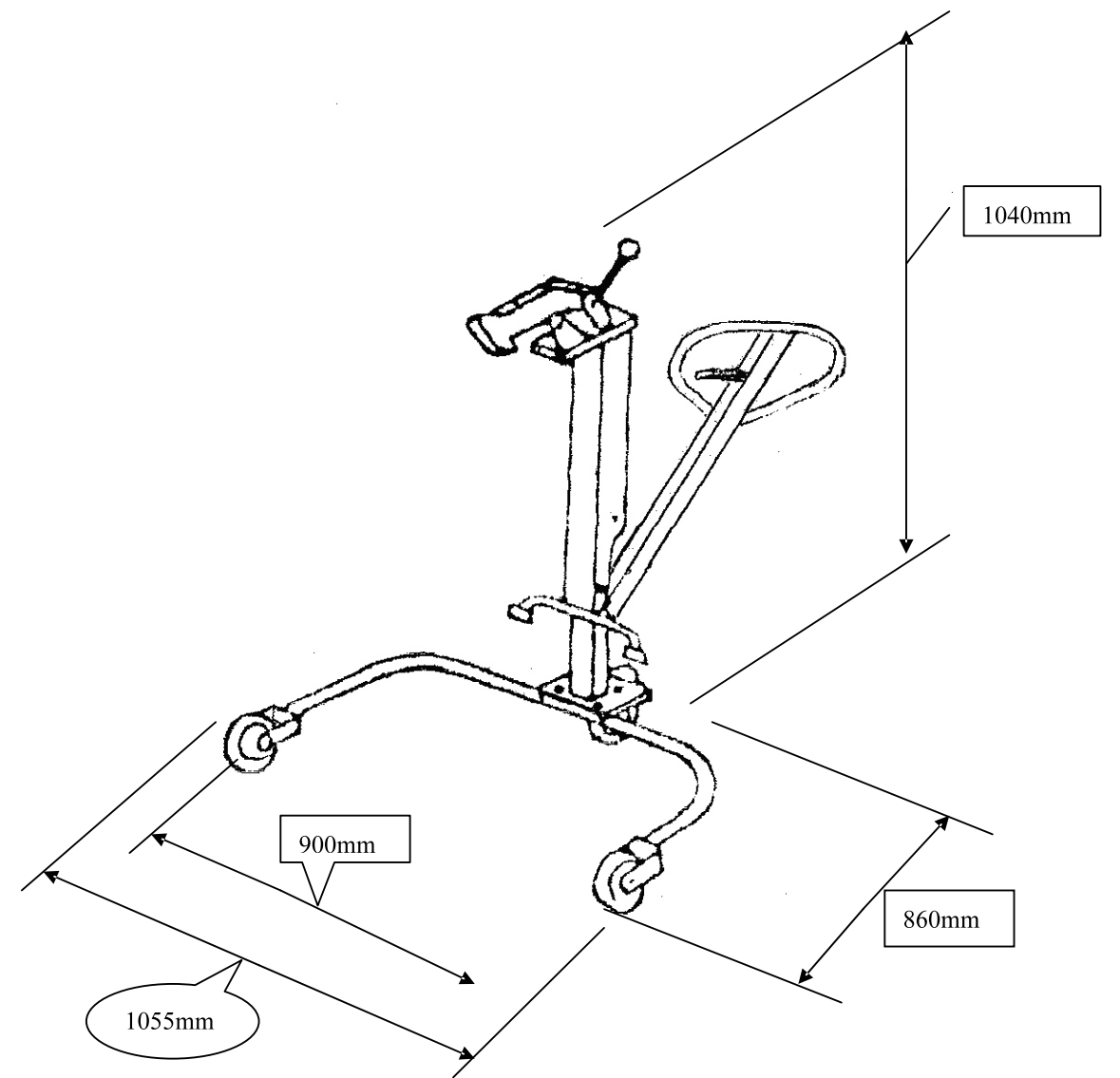
5.Assembly and Fixing

Before assembly, some necessary tools must be prepared.

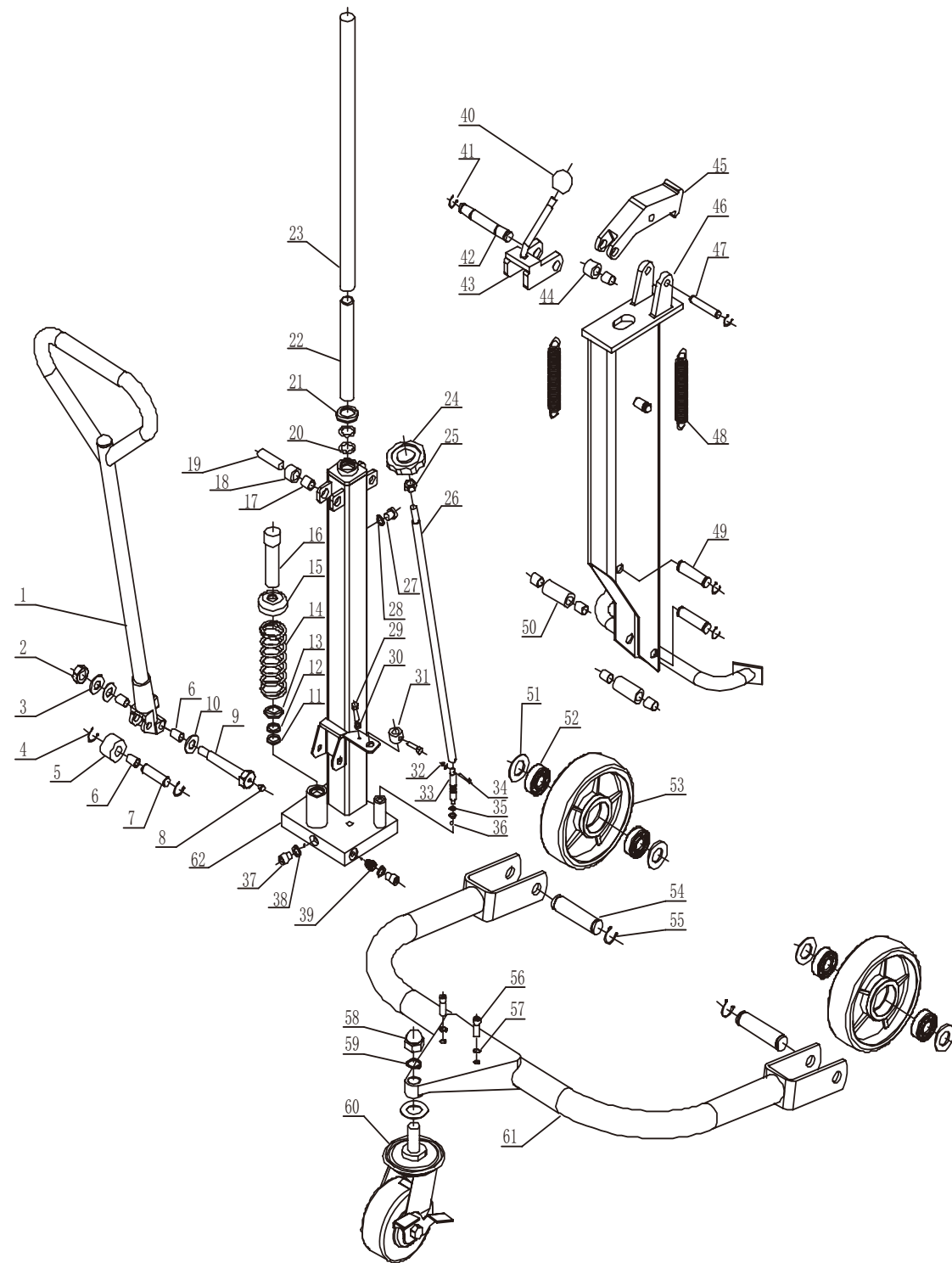
1. Take out all the subassemblies in following turns from the carton.

a	Chassis
b	Hydraulic cylinder
c	Lifting frame
d	Handle
e	Steel rollers, pins, circlips and screws.

2. Fix hydraulic cylinder (b) on chassis (a) with screws (e).
3. Set lifting frame(c) on hydraulic cylinder (b) and then use steel rollers, pins and circlips to fix them.
4. Assemble handle (d) on hydraulic cylinder (b) and fix them firmly.



6.Describing Structure and Relevant Parts



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NO.	Description	Qty.
1	Handle Parts	1
2	Self-locking Nuts	1
3	Washer	1
4	Circlip	4
5	Roller	1
6	Bushing	3
7	Roller Shaft	1
8	Oil Cup	1
9	Handle shaft	1
10	Washer	2
11	O-Ring	1
12	Nylon Circlip	1
13	Dust Ring	1
14	Pressure Spring	1
15	Spring Cover	1
16	Pump Pistion	1
17	Bushing	7
18	Nylon Roller	2
19	Nylon Roller Shaft	2
20	O-Ring	2
21	Dust Ring	1
22	Washer	1
23	Piston Rod	1
24	Handle	1
25	Nuts	1
26	Dip Rod	1
27	Screw	1
28	O-Ring	1
29	Screw	2
30	Nuts	1
31	Location Bush	1
32	Nuts	2
33	Push Rod	1
34	Screw	1
35	O-Ring	2
36	Steel Ball	3
37	Screw	2
38	Copper Washer	2
39	Spring	1
40	Handle	1
41	Circlip	6
42	Bracket Axle	1

EC Declaration of Conformity

EC conformity Declaration According to the Machinery Directive 2006/42/EC

Herewith the producer declares:

Name: Eoslift Warehousing Equipment Co., Ltd.
Address: No.99, Yanjia Road, Yuantong Town, Haiyan, Zhejiang

For the following products:

Description: Hydraulic Drum Picker

Model: DP25

Type: 250kg

Trade name: Eoslift

Serial number: -

Corresponds to the relevant provisions of o.g. Directive, including the amendments valid at the time of issuance of this declaration.

Following harmonised norms were applied:

According to directive 2006/42/EC:

- EN ISO 12100-1:2003/A1:2009
- EN ISO 12100-2:2003/A1:2009
- EN ISO 14121-1:2007

Following national norms and other specifications (or parts thereof) were applied:

- EN ISO 3691-5:2009, Issue date 2010-09

Person entitled to assemble the technical documentation:

Name: Yuejun Jiang

Address: No.99, Yanjia Road, Yuantong Town, Haiyan, Zhejiang

Signatory:

Name: Yuejun Jiang

Function of the signatory

within the company: Managing Director

Place of issuance: No.99, Yanjia Road, Yuantong Town, Haiyan, Zhejiang

Date of issuance: 01.03.2012 (March 1st, 2012)

Signature:
03/2012



43	Bracket	1
44	Pressure Roller	1
45	Glasp Block	1
46	Pillar Parts	1
47	Shaft	1
48	Tension Spring	2
49	Shaft	2
50	Roller	2
51	Washer	5
52	Bearing	4
53	Roller	2
54	Shaft for Roller	2
55	Circlip	4
56	Hexagon Socker Screw	2
57	Elastic Washer	2
58	Nuts	1
59	Elastic Washer	1
60	Castor	1
61	Undered Parts	1
62	Valve Welding parts	1