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PLDL-Series Plate and Slab Dollies Instruction Manual



PLDL-LD (Light Duty)



PLDL-HD (Heavy Duty Models;
Shown with Pneumatic Wheels)



PLDL-ADJ (Adjustable Models;
Shown with Pneumatic Wheels)

Receiving instructions:

After delivery, IMMEDIATELY remove the packaging from the product. Inspect the product closely to determine whether it sustained damage during transport. If damage is discovered, record a complete description of it on the bill of lading and notify the freight carrier.

Notice:

- 1) Compliance with laws, regulations, codes, and non-voluntary standards enforced in the location where the product is used is the responsibility of the end-user.
- 2) VESTIL is not responsible for any injury or property damage that results from failure to apply either:
 - a) Instructions in this manual; or
 - b) Information provided in labels on the product.

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Specifications:

Thank you for purchasing a PLDL-series “Plate and slab material dolly” made by Vestil Manufacturing Corporation. Our dollies are durable, high-quality products engineered for dependability and simplicity. Dimensions and other product specifications appear in the following table.

NOTE: “LD” in the model name indicates a light-duty unit; “HD” is used to identify heavy-duty units.

Model	Maximum Rated Load	Wheel Diameter	Wheel Type	Dimensions in Inches	Net weight
PLDL-LD-2-4PP	350 lb. (159kg)	4" (10cm)	Polyurethane-on-polyurethane	6 ¹⁵ / ₁₆ " x 10" x 9 ⁹ / ₁₆ " (17.6 x 25.4 x 24.3)cm	9 (4kg)
PLDL-HD-4-8MR	1200 lb. (545kg)	8" (20cm)	Rubber-on-steel	12 ¹ / ₄ " x 12" x 13 ¹ / ₄ " (31.1 x 30.5 x 33.7)cm	32 (15kg)
PLDL-HD-4-8PS	1500 lb. (682kg)	8" (20cm)	Polyurethane-on-steel	12 ¹ / ₄ " x 12" x 13 ¹ / ₄ " (31.1 x 30.5 x 33.7)cm	32 (15kg)
PLDL-HD-4-8GFN	1500 lb. (682kg)	8" (20cm)	Glass filled nylon	12 ¹ / ₄ " x 12" x 13 ¹ / ₄ " (31.1 x 30.5 x 33.7)cm	30 (14kg)
PLDL-HD-4-10PN	750 lb. (341kg)	10" (25cm)	Pneumatic nylon	14" x 12" x 14 ¹ / ₄ " (35.6 x 30.5 x 36.2)cm	26 (12kg)
PLDL-HD-4-10FF	500 lb. (227kg)	10" (25cm)	Foam-filled	13 ⁵ / ₈ " x 12" x 14 ¹ / ₄ " (34.6 x 30.5 x 30)	26 (12kg)

Signal Words:

This manual uses SIGNAL WORDS to call attention to uses of this product that are likely to result in personal injuries or property damage. The signal words used in this manual appear below along with their definitions.

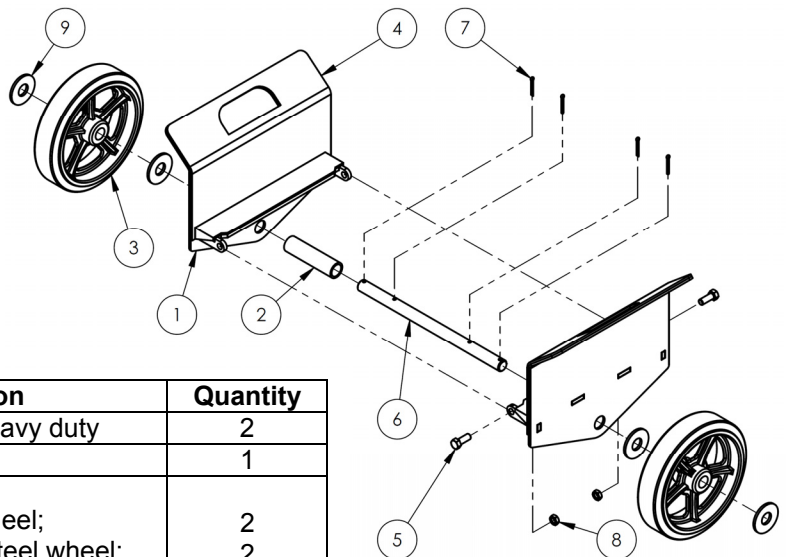


WARNING Identifies a hazardous situation which, if not avoided, **COULD** result in **DEATH** or **SERIOUS INJURY**.



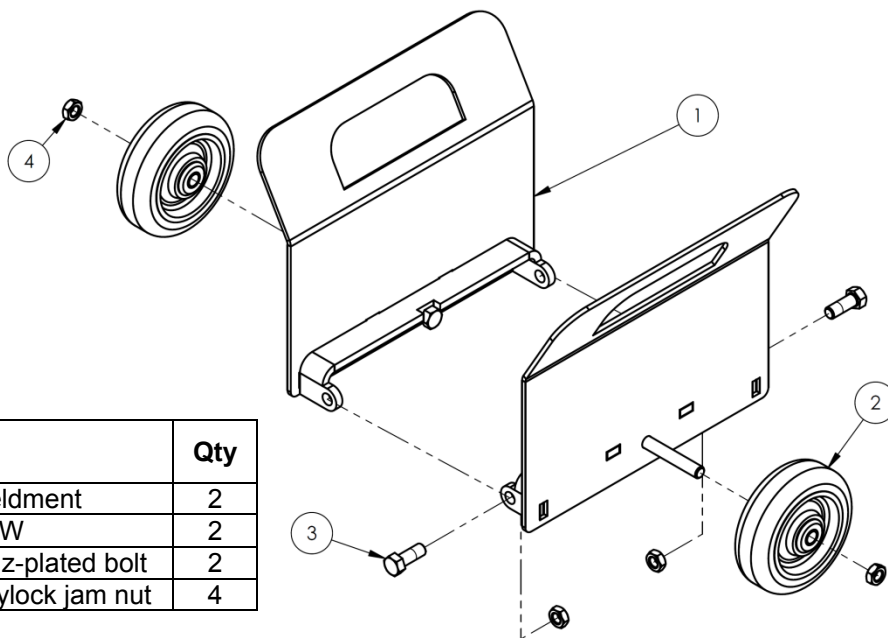
NOTICE Identifies practices likely to result in product/property damage, such as operation that might damage the product or other property.

FIG 1: PLDL-HD
Exploded Parts Diagram
and Bill of Materials



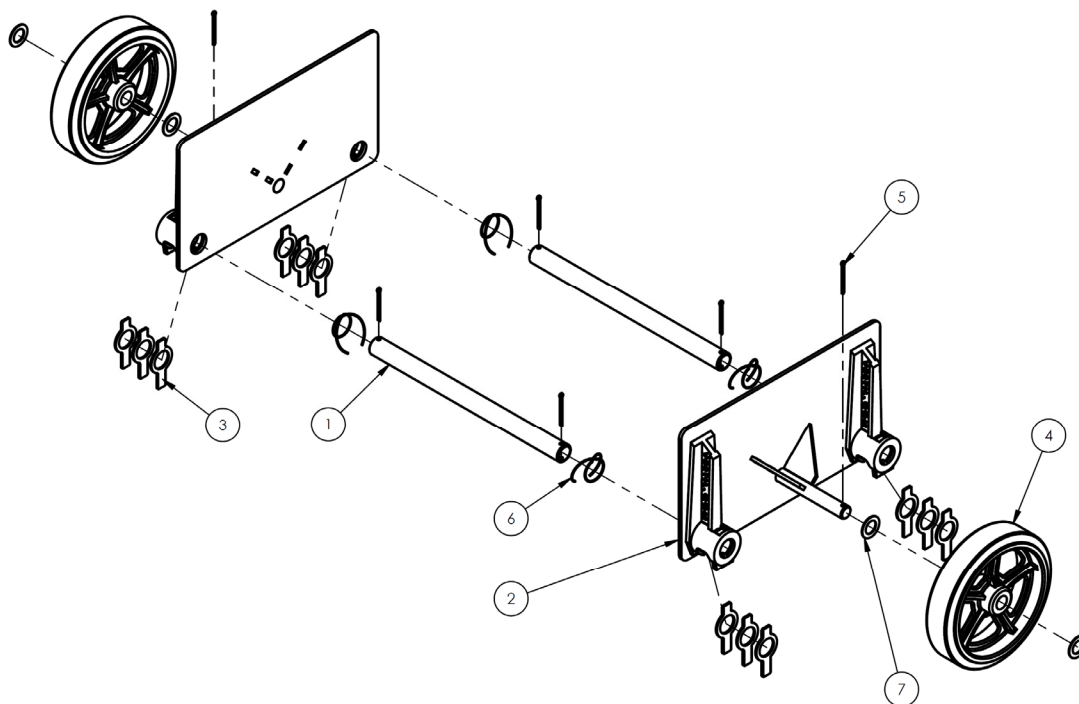
Item	Part Number	Description	Quantity
1	16-514-143	Frame, weldment, heavy duty	2
2	16-113-019	Spacer	1
3	<u>Wheel packages</u> 16-132-239 16-132-039-001 16-132-208-001 16-132-198-002 16-132-240	<u>Wheel packages</u> 8" rubber-on steel wheel; 8" polyurethane-on-steel wheel; 8" glass filled nylon wheel; 10" x 3.5" pneumatic wheel for 3/4" axle; -OR- 10" foam filled wheel	2 2 2 2 2
4	16-001-202-A	Heavy-Duty Spray-on Liner	2
5	11105	3/8" -16 x 1" grade A, zinc-plated hex bolt	2
6	16-112-025	Axle, long	1
7	65077	1/8" x 1 1/4" zinc-plated cotter pin	4
8	37026	3/8" - 16 zinc-plated nylock jam nut	2
9	33018	3/4" zinc-plated flat washer	4

FIG 2: PLDL-LD Exploded Parts Diagram and Bill of Materials



Item	Part Number	Description	Qty
1	16-514-144	Light-duty frame weldment	2
2	16-132-009	Wheel, PP-4 /1.25-W	2
3	11105	3/8 in. -16 x 1in. #2 z-plated bolt	2
4	37026	3/8in.-16 z-plated nylock jam nut	4

FIG. 3: PLDL-ADJ Exploded Parts Diagram and Bill of Materials



Item	Part Number	Description	Qty.
1	16-014-325	Frame, adjustment tube	2
2	16-514-197	Weldment, frame, side plate	2
3	09-037-031	Bracket, pipe clamp lock	12
4	16-132-239	Wheel: PLDL-ADJ-8MR: Caster, 8", rubber-on-steel, MR-8/2-W	2
	16-132-039-001	PLDL-ADJ-8PS: Caster, 8", polyurethane-on-steel, PU-8/2-W	2
	16-132-216	PLDL-ADJ-8GFN: Caster, 8", glass filled nylon, GFN-8/2-W	2
	16-132-198-002	PLDL-ADJ-10PN: 10"x3.5" pneumatic wheel, PR-1001-L50	2
	16-132-240	PLDL-ADJ-10FF: Wheel, 10" foam filled, 3.50-F-PU-3/4"	2
5	65080	Extended prong cotter pin, zinc finish, $\frac{1}{8}$ " x 2"	6
6	09-146-005	Spring, pipe clamp	4
7	33424	Machine bushing, low carbon, plain finish, $\frac{3}{4}$ " x 18ga.	4

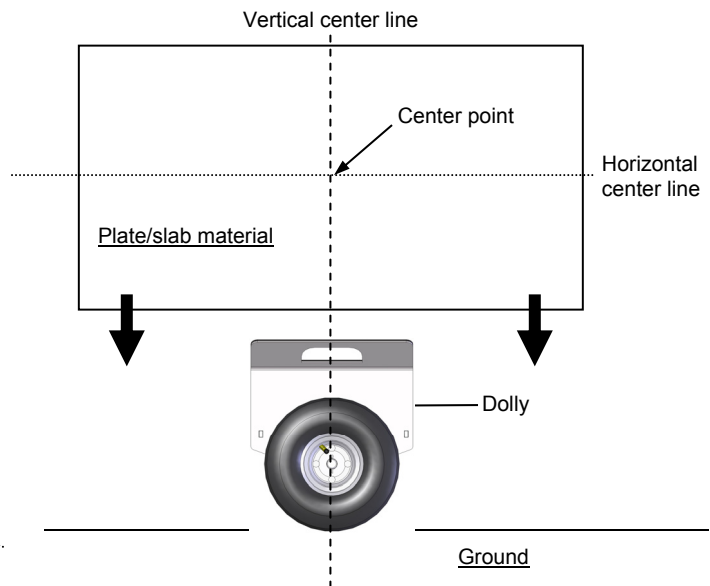
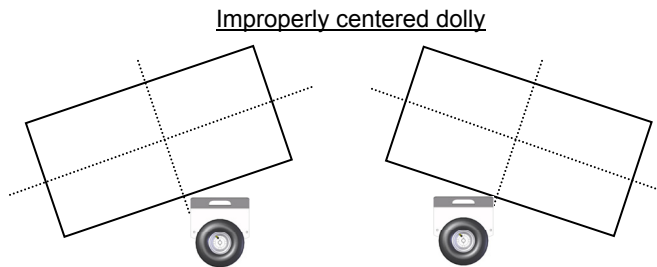
Loading Instructions:

Study the entire manual before using this cart. A copy of the manual should be available to users at all times. Read the manual whenever necessary to refresh your understanding of the recommended operation, inspection, and maintenance procedures.

⚠ WARNING Improper or careless use might result in serious personal injuries.

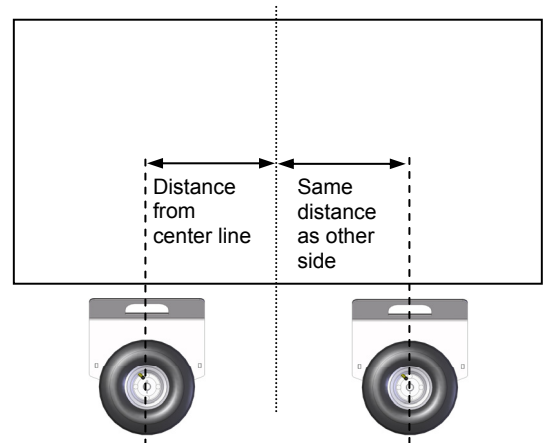
- Inspect the dolly before each use according to the “Inspections & Maintenance” instructions below. Immediately remove the dolly from service and/or replace it if a problem(s) is found during any inspection.
- DO NOT modify the dolly in any way UNLESS you first obtain express, written approval from Vestil. Unauthorized modifications might make the product unsafe to use, and could result in personal injury.
- DO NOT attempt to move a load/material with the dolly if you cannot *easily* control the load. Use a different material handling method to transport the load/material.
- DO NOT walk beside the load while transporting it with the dolly. If you lose control of the load, it might fall on top of you. Always position yourself entirely behind the load and push the load to the desired location.

Step 1: Determine the proper location for the dolly. Orient the load / material with the longest dimension parallel to the ground. Position the center line of the dolly in line with the vertical center line of the load/material as shown in the diagram to the right. If the dolly is not properly centered, the slab material will not be level. Push the load from one end, and make sure that your body remains completely behind the load while moving it with the dolly. Do not lift the load while pushing it; try to simply push the load in a direction parallel to the floor.



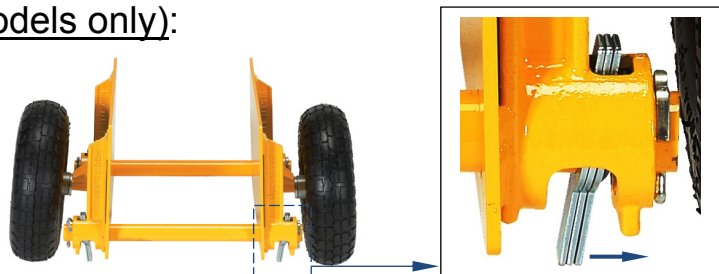
Step 2: If you cannot easily control the slab material by yourself, ask someone to assist you. The helper should stabilize and guide the load from the front, while you also stabilize the load and push it from the rear. If the load still cannot be easily controlled, do not use the dolly to transport the material.

Step 3: If the length of the slab material requires 2 dollies to adequately stabilize the load, position the dollies equal distances from (on either side of) the vertical centerline (see diagram to the right). A second person should help you move the material according to the instructions in step 2.



Dolly width adjustment (PLDL-ADJ models only):

Release both clamps on one side and either push the sides together or pull them apart. To release a clamp, pull the clamp locks towards the wheel on the same side as shown in the diagram.



Maintenance:

At least once per month inspect to unit to ensure that it remains in normal condition for as long as possible.

- Inspect the wheels. Remove embedded material. Look for damage including severe wear. If a wheel does not roll smoothly across the floor due to wear or other damage, replace the wheel. Do not use the dolly again until approved replacement parts have been installed.
- Inspect fasteners (see FIG's 1A and 1B on p. 3). Install replacement parts as required.
- Examine the axles and wheel bearings for damage. Remove the dolly from service if either axle is damaged.
- [PLDL-LD & -HD] Open the dolly and examine the hinge; then turn the dolly over and examine the bottom side of the hinge. If the hinge is pulling apart, remove the dolly from service.
- [PLDL-ADJ] Examine the adjustment tubes for cracks, severe wear, etc.

Limited Warranty:

Vestil Manufacturing Corporation ("Vestil") warrants this product to be free of defects in material and workmanship during the warranty period. *Our warranty obligation is to provide a replacement for a defective original part if the part is covered by the warranty, after we receive a proper request from the warrantee (you) for warranty service.*

Who may request service?

Only a warrantee may request service. *You are a warrantee if* you purchased the product from Vestil or from an authorized distributor AND Vestil has been fully paid.

What is an "original part"?

An original part is a part used to make the product as shipped to the warrantee.

What is a "proper request"?

A request for warranty service is proper if Vestil receives: 1) a photocopy of the Customer Invoice that displays the shipping date; AND 2) a written request for warranty service including your name and phone number. Send requests by any of the following methods:

Mail

Vestil Manufacturing Corporation
2999 North Wayne Street, PO Box 507
Angola, IN 46703

Fax

(260) 665-1339
Phone
(260) 665-7586

Email

sales@vestil.com

Your request must list the parts believed to be defective and include the address where replacements should be delivered.

What is covered under the warranty?

After Vestil receives your request for warranty service, an authorized representative will contact you to determine whether your claim is covered by the warranty. Before providing warranty service, Vestil may require you to send the entire product, or just the defective part or parts, to its facility in Angola, IN. The warranty covers defects in the following original dynamic components: motors, hydraulic pumps, electronic controllers, switches and cylinders. It also covers defects in original parts that wear under normal usage conditions ("wearing parts"), such as bearings, hoses, wheels, seals, brushes, and batteries.

How long is the warranty period?

The warranty period for original dynamic components is 30 days. For wearing parts, the warranty period is 30 days. The warranty periods begin on the date when Vestil ships the product to the warrantee. If the product was purchased from an authorized distributor, the periods begin when the distributor ships the product. Vestil may, at its sole discretion, extend the warranty periods for products shipped from authorized distributors by up to 30 days to account for shipping time.

If a defective part is covered by the warranty, what will Vestil do to correct the problem?

Vestil will provide an appropriate replacement for any covered part. An authorized representative of Vestil will contact you to discuss your claim.

What is not covered by the warranty?

- Labor;
- Freight;
- Any of the following, which automatically void the warranty:
 1. Product misuse;
 2. Negligent operation or repair;
 3. Corrosion or use in corrosive conditions;
 4. Unauthorized modifications: DO NOT modify the product IN ANY WAY without first receiving written authorization from Vestil. Modification(s) might make the product unsafe to use or might cause excessive and/or abnormal wear.
 5. Damage sustained during shipping;
 6. Accidents involving the product;
 7. Inadequate or improper maintenance;

Do any other warranties apply to the product?

Vestil Manufacturing Corp. makes no other express warranties. All implied warranties are disclaimed to the extent