

Euro Pallet Truck PLM-2500

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PLM2500

Capacity 2.500 kg



User's guide
Pallet Truck



PLM2500

WARNING -

Safe usage instructions

IMPORTANT: Never use this equipment before having read and understood this instruction.

1. Do not exceed max. capacity of 2500 kg.
2. The pallet truck is constructed for transport of pallets on horizontal hard level surfaces. Use on other than hard level surfaces can result in instability and possible loss of load.
3. Place the load safely on the middle of the forks or the load may fall off or cause overload.
4. In case of danger of fire or explosion do not employ the pallet truck.
5. Do not employ the pallet truck for transport of persons.
6. The pallet truck is not to be modified.
7. Failure to heed these warnings may result in pallet truck instability, damage or failure which may cause personal injury or property damage.
8. Operation temperature from - 10°C to + 50°C.

Specifications:

Capacity:	2500 kg.
Fork length:	1150 mm
Fork width:	520 mm
Min./max. fork height:	85-200mm
Turning angle:	210 °
Weight:	70 kg

Use of the Pallet Truck:

Lifting:	Release handle (D608) in lowest position.
Transport:	Release handle in middle position.
Lowering:	Release handle in upper position.
Emergency brake:	Pull release handle quickly upwards for lowering.

WARNING: Rapid breaking may result in loss of load.

Maintenance:

Cleaning: Steam jets, degreasers and high-pressure cleaners should be used with great caution to avoid degreasing.

Daily: Inspect pallet truck for damage.

Weekly: With a grease gun oil 2 pc lubricating nipples (D202 - drawing of body) and 1 pc lubricating nipple (D119 - drawing of hydraulic unit).

Every second year: Replace oil every second year. Drain the reservoir for oil by lowering the pallet truck body, remo-

ving filling plug (D149) and placing the pallet truck on its side after having turned the handle.

Refilling of oil:

Screw off the filling plug (111) to refill with pallet truck in lowest position. Correct oil level is to the lower edge of the filling plug.

Quantity of oil: 0,25 L

Any good hydraulic oil of viscosity ISO-VG32 can be used. **NEVER USE BRAKE FLUID!**

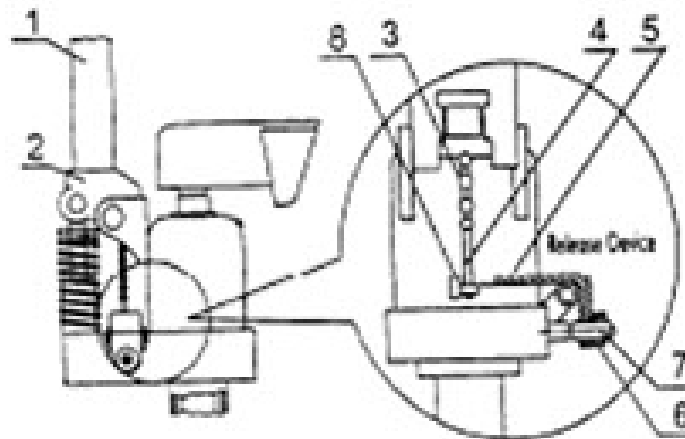
Troubleshooting:

1. The pallet truck does not lift:
 - 1.1 The load exceeds the capacity of 2500 kg.
 - 1.2 Adjust the release device (diagram): Loosen nut (6) and adjust screw (7) or loosen nut (8)
 - 1.3 Air in the hydraulic system: Ventilate by holding release handle in upper position and carry out 5 full strokes with the filling screw (D149) loosened. Afterwards pump to maximum lifting position and tighten the screw.
2. The pallet truck does not lift to maximum position: The pallet truck needs oil - see "Maintenance".
3. The pallet truck does not lower: Adjust the release handle (diagram): Loosen nut (6) and adjust screw (7) or loosen nut (8).
4. Oil leakage from sealing: Contact qualified repairman.

Destruction:

Oil must be drained off and legally disposed of.

Assembly of Handle /Adjustment of Release Device



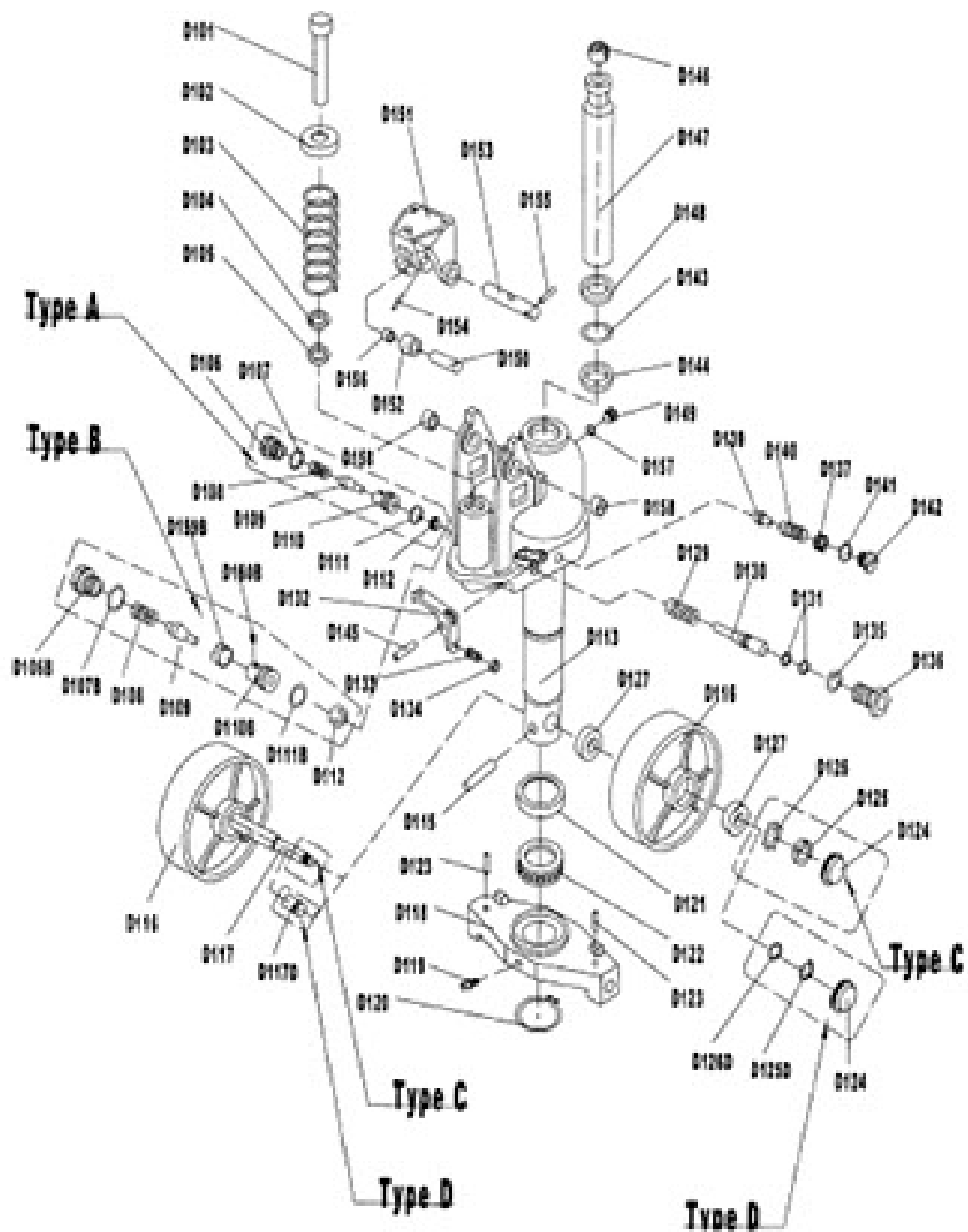
Set handle 1 on the pressure frame 2.

Let the chain 3 successively cross the hole of the shaft in the pressure frame 2, then insert the adjusting screw 4 into the slot of the lever plate 5, then attach the handle with the screws.

Pos.	Art. Nr.	Pcs.	Description
D201		1	screw
D202		1	lubrication nipple
D203	85 563 00	1	rotary device
D204	85 640 00	1	pin
D205	85 562 00	2	circlip
D206D		2	joint (B)
D207		2	axle
D208D		2	push rod (B)
D209D	85 588 00	2	nut (B)
D210	85 561 00	2	bolt
D211		1	axle
D212	85 991 00	2	axle
D213		2	pin
D214	85 990 00	2	axle
D215	85 589 00	2	wheel suspension
D216	319300RS	2	pin
D217	85 005 00	4	axle
D218		1	pallet truck body
D219	85 278 00	8/4	washer
D220		8/4	bearing (included in wheels)
D221	85 225 00	4	wheel, nylon bogie
	85 249 00	4	wheel, polyurethan bogie
D222	85 003 00	4	linking Plate
D223	1290235RS	8/2	pin
D224		4	bushing
D225		2	bushing
D226		2	bolt
D227	85 239 00	2	wheel
D228		2	nut
D229	85 245 00	2	wheel, nylon single
	85 250 00	2	wheel, polyurethan single
D230	85 004 00	2	axle
D231		2	washer
D232	104 243	4	washer

Pos.	Art. Nr.	Pcs.	Description
D600	85 600 00	1	handle, complete
D601	85 048 00	1	spring
D602	85 049 00	1	spring
D603	85 001 00	1	spring
D604	319300RS	1	pin
D605		1	pin
D606		1	pin
D607		1	pin
D608	85 002 00	1	operationhandle
D609		1	rod
D610A		1	handle
D611	85 639 00	3	screw
D612		1	chain
D613		1	pin
D614		1	adjustment screw
D615		1	nut
D616		3	washer
D609-612-615			
	85 033 00	1	release rod cp.

Hydraulic unit



Pos.	Art. No.	Pcs.	Description
D101	85 026-00	1	rod
D102	85 348-00	1	washer
D103	85 026-00	1	spring
D104		1	scraper ring
D105		1	ret ring
Type B	85 564-00	1	valve set (B)
D113		1	pump housing
D115		1	pin
D116	85 016-00	2	wheel, nylon
	85 059-00	2	wheel, polyurethan
D117		1	wheel axle
D118		1	bracket
D119		1	lubrication nipple
D120		1	cleclip
D121		1	bearing cover
D122		1	bearing
D123		2	pin
D124	85 013-00	2	bearing cover (C/D)
D125D	02 232-00	2	cleclip (D)
D126D	85 224-00	2	washer (D)
D127	02 714-00	4	bearing (included in wheels)
D129	85 029-00	1	spring
D130	85 030-00	1	release pin
D131	85 031-00	2	O-ring
D132	85 596-00	1	lever plate
D133	02 001-02	1	screw
D134	02 001-00	1	nut
D135-136	85 902-00	1	screw/O-ring
D137-142	85 903-00	1	excess pressure valve-cpl.
D143		1	O-ring
D144		1	ret ring
D145		1	pin
D146		1	ball
D147	85 027-00	1	rod
D148		1	scraper ring
D149		1	screw
D150		1	axle
D151	85 599-00	1	handle bracket
D152		1	roll
D153	85 032-00	1	axle
D154		1	pin
D155		1	pin
D156		1	bushing
D157		1	washer
D158		2	bushing
D101-D113, D129-D158			
	85 447-00	1	pump op.
	09 050-00	1	repair kit

85 902-00 sinking valve cpl includes D135, D136, 85 903-00 excess pressure valve cpl. includes D139, D140, D137, D141, D142.