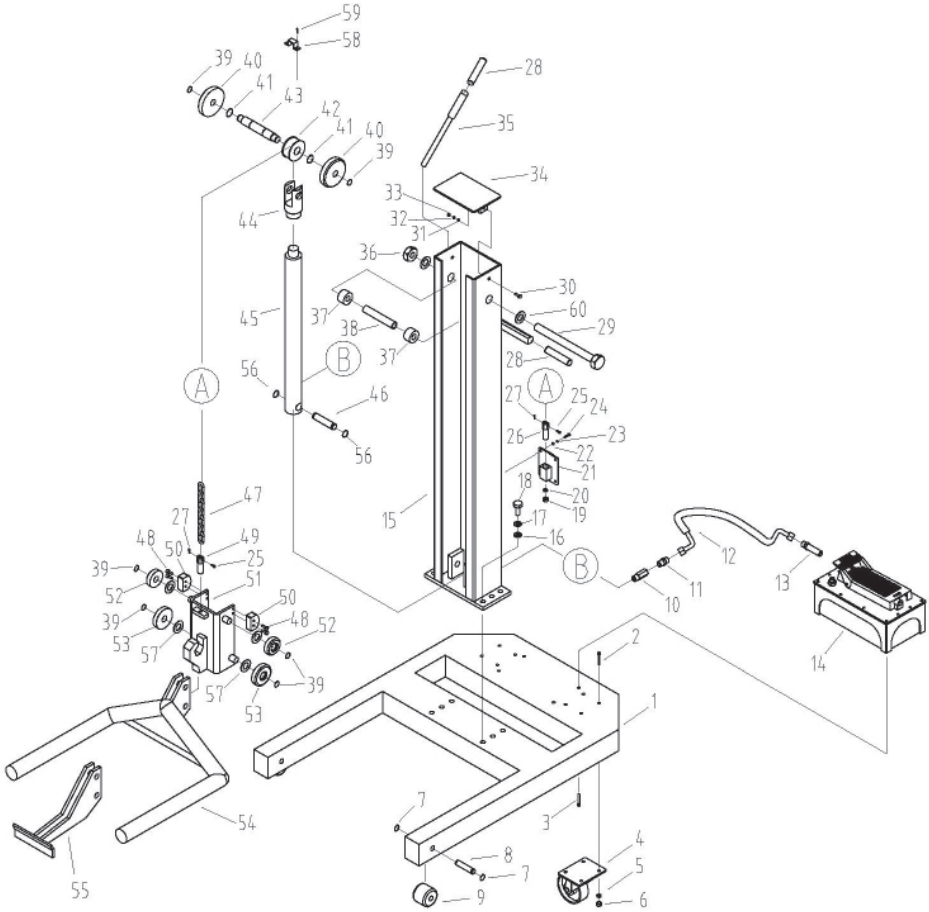

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EN INSTRUCTION MANUAL

1. PRODUCT DESCRIPTION

The **55202 - Portable Air/Hydraulic Lift Column 1.5 t** is a mobile hydraulic jack-type lifting device with a column structure, designed and manufactured to allow the operator to work on wheels at an ergonomic height.

The equipment is fitted with a **manually operated air-hydraulic pump**, features compact dimensions, and offers excellent ease of operation. Its design incorporates wheels to facilitate movement and positioning within the working area.

1.1 Technical Specifications

Characteristic	Value
Maximum lifting capacity	1,500 kg
Maximum lifting height	735 mm
Minimum height	80 mm
Working pressure	35 MPa
Net weight	104 kg

2. SAFETY INSTRUCTIONS AND WARNINGS

2.1 General Warnings

- Read and understand this manual before operating the equipment.
- The lift shall only be operated by trained and authorized personnel.
- Do not modify or alter any component of the equipment.
- Keep the work area clean, clear of obstacles, and adequately illuminated.
- Always wear appropriate personal protective equipment (PPE).

2.2 Operating Warnings

- **DO NOT exceed the rated load capacity of 1.5 tonnes.**
- **DO NOT remain underneath the work area while the lift is in operation.**
- This equipment is designed primarily for lifting operations. Any work carried out beneath the load shall only be performed using appropriate safety supports.
- After lifting the load, do not begin any operation until the safety lock has been properly engaged and verified.
- Never use the equipment to lift personnel.
- Do not operate the lift on sloped, soft, or unstable surfaces.
- Do not allow unauthorized persons within the working area.

2.3 Residual Risks

Despite the safety measures incorporated into the equipment, the following residual risks may remain:

- Crushing injuries caused by load collapse due to improper use.
- Hand or foot entrapment during lifting or lowering operations.
- Loss of load stability resulting from incorrect positioning.

• Hazards arising from insufficient or improper maintenance.

2.4 Safe Maintenance

• Periodically inspect the condition of all hydraulic and pneumatic components.

• Regularly check the correct operation of the safety locking system.

• Immediately replace any worn, damaged, or defective components.

• Use only spare parts and accessories authorized by the manufacturer.

• Keep all warning and safety labels visible, clean, and legible at all times.

3. OPERATING INSTRUCTIONS

3.1 Pre-Operation Checks

Before using the equipment:

1. Check that the lift shows no visible damage, deformation, or oil leaks.

2. Ensure that the load does not exceed the maximum rated capacity of 1,500 kg.

3. Make sure the floor is level, stable, and capable of supporting the load.

4. Verify that the pneumatic supply is properly connected.

5. Check the correct operation of the control unit and the safety locking system.

6. Keep the working area clear and remove any obstacles.

3.2 Lifting the Load

1. Position the lift correctly in front of the wheel or lifting point of the vehicle.

2. Place the support arms beneath the load, ensuring firm and stable contact.

3. Check that the load is properly centred.

4. Operate the control unit to raise the load gradually.

5. Lift the load only to the height necessary to carry out the intended operation.

3.3 Working with the Load Raised

1. Verify that the locking and safety system is correctly engaged.

2. If it is necessary to work underneath the load, always use approved axle stands or suitable safety supports.

3. Periodically check the stability of the load throughout the operation.

4. Do not apply lateral forces or sudden movements to the raised load.



3.4 Lowering the Load

1. Remove all tools, materials, and obstacles from the work area.

2. Ensure that no persons are in the vicinity of the equipment.

3. Release the safety locking system.

4. Operate the control unit to lower the load slowly and in a controlled manner.

5. Once the lowering operation is complete, remove the lift and store it in a safe location.

6. PARTS LIST

No.	Description	QTY
1	Base	1
2	Hexagon screw	8
3	Hexagon screw	4
4	Caster parts	2
5	Washer	8
6	Nut	8
7	Retainer 16	4
8	Wheel axle	2
9	Front Wheel	2
10	Flow control valve	1
11	Coupler B	1
12	Hose	1
13	Coupler A	1
14	Air pump	1
15	Column	1
16	Washer	6
17	Washer	6
18	Bolt	6
19	Nut	1
20	Washer	1
21	Plate	1
22	Washer	4
23	Washer	4
24	Hexagon screw	4
25	Fixing Pin	2
26	Bolt A	1
27	Retainer	2
28	Handle sleeve	3
29	Bolt	1
30	Hexagon screw	2
31	Washer	2
32	Washer	2
33	Nut	2
34	Cover Plate	1
35	Bolt	1
36	Nut	1
37	Wheel	2
38	Fixed set	1
39	Retainer 20	6
40	Wheel C	2
41	Retainer 25	2
42	Wheel	1
43	Wheel axle	1
44	Head	1
45	Cylinder Ass'y	1
46	Pin	1
47	Chain	1
48	Hexagon screw	4
49	Bolt B	1
50	Plastic block	2
51	U-shaped frame parts	1
52	Wheel A	2
53	Wheel B	2
54	Bracket	1
55	Side Plate	1
56	Circlip	2
57	Washer	4
58	Washer 16	2