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Documentation for PIT TROLLEY A4

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Declaration of conformity

Fumex

Verkstadsvägen 2
931 36 SKELLEFTEÅ
Sweden

declares under sole responsibility that the product:

Pit Trolley A4

covered by this declaration is in conformity with the following standards or other regulatory documents:

SS -EN292- 1, SS- EN 292 - 2 (machine safety)

in accordance with the conditions in directive: 89/392/EEC(MD) with changes 91/368/EEC and 93/44/EEC as well as 93/68/EEC

The technical documentation listed below is kept at our headquarters as stated below. It is available for inspection by concerned national authorities.

- Manuals for the Pit Trolley
- Drawings for the Pit Trolley
- Description of methods for following the machine directive
- Other technical information (quality document)

.....
(place and date of issue)

.....
(name and signature or equivalent
signing of authorised person)

Safety instruction for: PIT TROLLEY

General

Read the safety instructions carefully and make sure you understand their contents before using the product. Contact Fumex if there is anything you do not understand.

These instructions take up areas that are absolutely necessary to know and take into consideration when using the product. Safety instructions are put together so that the product is operated in a way that minimises the risk of injury and unnecessary wear and tear.

The product may, with safety in mind, under no circumstances be rebuilt or altered from the original design. The product is inspected by SAQ according to delivered performance.

Warning levels

Precautions, relating to personal safety, are classified in two levels depending on how serious the consequences of an accident can be:

Warning indicates that an accident may occur if instructions are not followed. The accident can lead to serious personal injury or possibly death.

Caution indicates that an accident may occur if instructions are not followed. The accident can lead to personal injury.

Precautions dealing with other safety (property, process or environment) and responsibility for usage is classed as follows:

Important indicates that an accident may occur if instructions are not followed. The accident can lead to damage to property, process or environment.

Additional information is marked as follows:

Note! Indicates additional information which make certain parts easier to understand or execute.

Warning signs/-plates/-stickers

The following plate should be on the product:

- Max load 2 pers/175kg.

Labour management's responsibility

Labour management is responsible for:

- national and local laws, safety rules, regulations and other instructions to be followed when the product is used
- the user has adequate training and experience to perform the work in a safe manner
- the product is only used by authorised persons
- the product is only used for its intended purpose
- the product is used in a safe manner
- no person should be within the product's risk or work area while work is in progress
- people / users with access to the work area have knowledge of and access to protective equipment.

User requirements

The user has adequate training and experience to perform the work in a safe manner. The user should ensure safe use by:

- learning about product functions, characteristics and limitations
- not be under the influence of drugs or anything that can affect your reactions or judgement
- use protective equipment suited to the work situation
- try to anticipate hazards at work (using common sense to avoid incidents and accidents)
- suspend work with the product if a safety hazard arises; ensure that the product is not used by mistake and notify management; ensure that the product is not used until the safety risk is eliminated
- ensure that the product cannot be used by unauthorized persons.

Permitted and forbidden use

Uses: Facilitates repair work in the lubrication pit by putting the technician at the correct height.

Limits: Max 2 persons. Total max load 175 kg.

The product may not be used for other tasks, or for situations outside of its intended usage.

Risk factors during operation

Warning

Jamming risk. The pit trolley can start moving. Activate the brake function before starting to work. The products brakes should never be off except when the trolley is moving.

Warning

Jamming risk. Do not touch the pit trolley's moving parts while raising or lowering the pit trolley. Make sure jamming protecting always works, check it regularly. Jamming protection may not be disconnected.

Caution

Risk for personal injury and property damage. People can stumble on the air hose, and it may get jammed. Make sure the air hose is suspended and runs lightly along the wire.

Risk factors during maintenance and repairs

Warning

Jamming risk. The pit trolley can start moving. Disconnect the hose from the main crane to "external air supply" and activate the brakes before starting maintenance and repairs. Follow instructions for assembly, so that the right component goes in the right place.

Routines for safety checks

Be sure to follow safety check routines. Always contact Fumex if you discover a defect in the pit trolley or related equipment.

Before use

Air hose

Check that the air hose and accompanying connectors are whole and intact, and run freely on the wire.

Jamming protection

Check that the jamming protections breaker function works as intended by deliberately activating the function.

Plate

Check that the warning plate "Max load 2 pers/175 kg" is securely mounted in the right place and is readable. If not, order a new plate from Fumex.

Brake function

Check that the brakes work correctly. The brakes should always "be on", aside for when the product is moving. **Frame**

With your eyes, check that the lift platform and tool shelf are securely in place and are not damaged. If any damage has occurred, make repairs immediately.

During operation

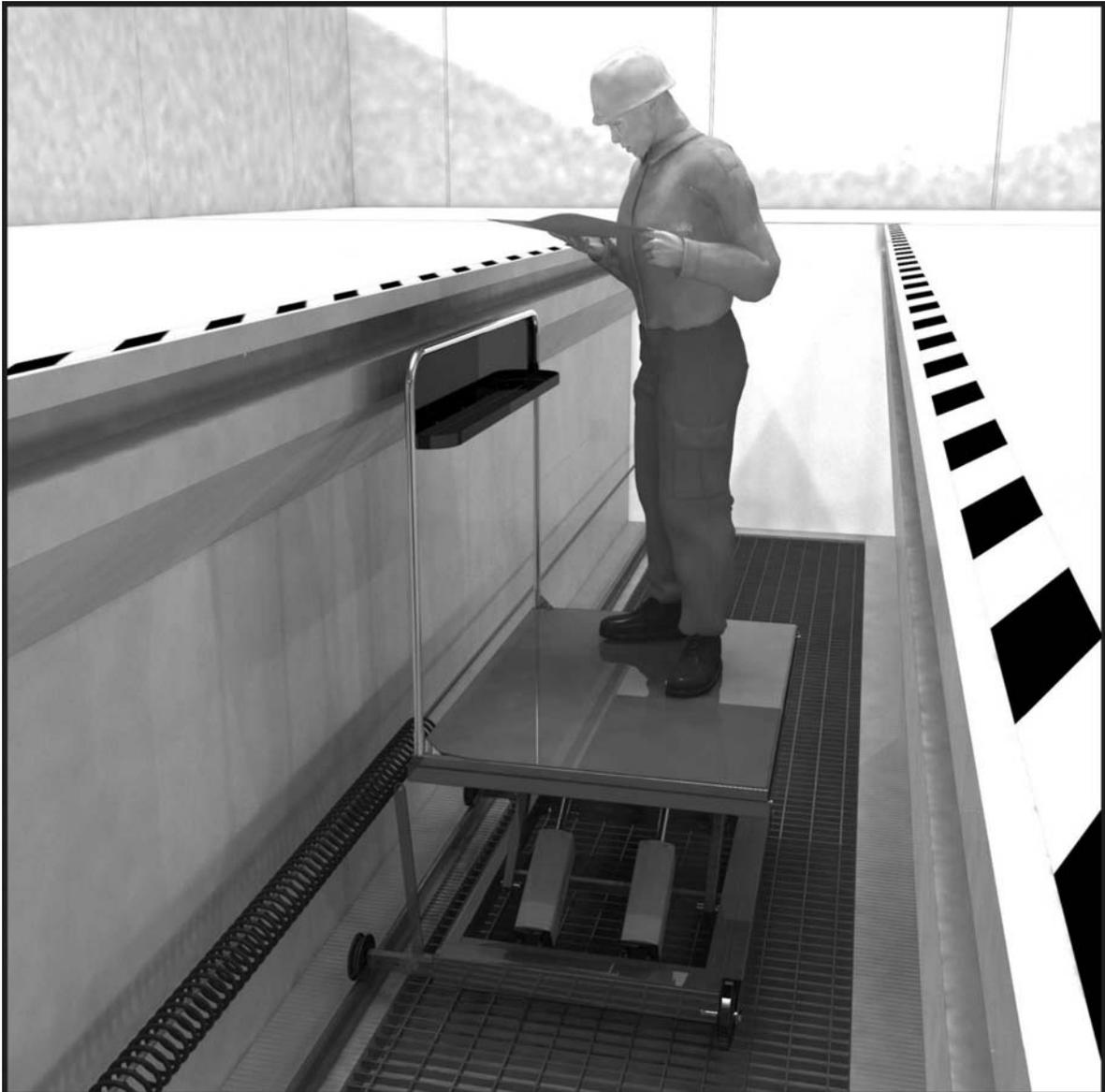
Activate the brake function before starting to work.

If the product stops, investigate the cause of the disfunction and take appropriate action before using the product again.

During maintenance and repairs

Disconnect the hose from the main crane to the "air supply from" and activate the brakes before starting maintenance and repairs.

Follow instructions for assembly, so that the right component goes in the right place.



PIT TROLLEY

The pit trolley makes it easier to work in lubrication pits and other service pits.

The pit trolley is adjustable for raising and lowering, which ensures a correct working height independent of the pit's depth or the height of the vehicle's undercarriage. The trolley enables you to reach every part under the car. The trolley is air-driven with the capability to quickly and smoothly lift a person and tools. Standard equipment includes a tool shelf, sockets for pneumatic tools, brakes and jamming protection.

Technical data for Pit trolley type A4

Max lifting height	700 mm
Min lifting height (folded together)	230 mm
Overall length	1270 mm
Overall width	950 mm
Platform length	1260 mm
Platform width	840 mm
Track gauge variable	840 – 1140 mm
Lifting capacity at 10 bar	ca 175 kg
Truck air feed	through spiral
Surface treatment	powder coating
Weight	100 kg

Jam protection comprised of contact rails on the platform's bottom.

The tool shelf follows the platform's movements

Assembly instructions PIT TROLLEY

The pit trolley should be positioned so that the wheels for the guiding track are on the side where the coiled air hose can be mounted.

The wire, on which the spiral air hose will run, should be mounted in the pit gables approximately 45 cm above floor level and sideways right around the middle of where the guiding tracks should be positioned.

Guiding tracks to be used are, a T-profile 30x30 mm, or L-iron 30x30 mm, (not included). Either the guiding tracks should be drilled down into the floor or floor grating (fig. 2, pos. C) or provide supporting brackets on every other meter, and let the brackets go down in the slot between the floor and grating (fig. 3, pos. D). In certain cases it may be more advantageous to place the guiding tracks closer to the wall than to the edge of the grating plate. Note that trolley track width is adjustable and thus allows more choice regarding track placement (fig. 2, pos. B).

When the trolley is positioned and adjusted correctly on its side, check that the side rail's height is appropriate. If a pit jack is in use, it must be able to pass above (fig. 1, pos. A).

A plastic tube to run along the wire is enclosed. It helps the coiled air hose run better along the wire. The spiral air hose's first loop closest to the trolley is fastened into the plastic tube with electric tape or a hose clamp.

The trolley is constructed so that it normally does not require any maintenance. If a water separator / mist lubricator is mounted on the trolley's air trunk, its working life increases significantly.

Enclosed accessories

- Coiled air hose with connecting nipple from the trolley to the air trunk for 1/4" R-threads or 8 mm air hoses.
- Wire
- Wire extension
- 2 wire locks
- 1 m plastic tubing as protection for the coiled hose.

