

OPERATOR'S MANUAL

LINKIT® Series LKS300/LKS450 Portable Conveyor



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SAFETY RULES

LINKIT® LKS300/LKS450 Series Portable Conveyor



DANGER

Failure to obey the instructions and safety rules in this manual will result in death or serious injury.

Do Not Operate Unless:

You learn and practice the principles of safe machine operation contained in this operator's manual.

You read, understand and obey the manufacturer's instructions and safety rules—safety and operator's manuals and machine decals employer's safety rules and worksite regulations applicable governmental regulations.

You are properly trained to safely operate the machine.

1. Avoid hazardous situations. Know and understand the safety rules before going on to the next section.
2. Always perform a pre-operation inspection.
3. Always perform function tests prior to use.
4. Inspect the workplace.
5. Only use the machine as it was intended.

ELECTROCUTION HAZARDS

This machine is not electrically insulated and will not provide protection from contact with or proximity to electrical current.

Do not operate the machine during lightning or storms.

Do not use the machine as a ground for welding.

Ensure safe routing of power cable to minimize risk of electrocution.



EXPLOSION AND FIRE HAZARDS

Do not operate the machine in hazardous locations or locations where potentially flammable or explosive gases or particles may be present.



SETUP HAZARDS

Check work area for overhead obstructions or other possible hazards.

Do not use the machine whilst under the influence of alcohol or drugs.

Ensure machine is securely fastened at the top and brakes are on before use.

Do not alter or disable machine components that in any way affect safety and stability.

Do not replace items critical to machine stability with items of different weight or specification.

Be aware of ground surface prior to installation.

Do not use the machine on a moving or mobile surface or vehicle.

Ensure all tires are in good condition and cotter pins are properly installed.

Do not ride on machine.

Do not alter or disable limit switches or remote handset.

Do not operate the machine in strong or gusty winds.

FALL HAZARDS

Always erect a safety barrier to prevent access through underside of machine. Failure to do so could result in serious injury.



Do not lean over machine while belt is moving.

Do not ride on machine.

BODILY INJURY HAZARD

Use common sense and planning when installing and operating the machine.

Keep hands and limbs away from moving belt.

Always wear correct PPE.



COMPONENT DAMAGE HAZARDS

When using a generator, ensure it is fitted with a voltage regulator before use.

Do not over load the machine 330 LBS **MAX** belt load.

Do not use machine as a ground for welding.

DAMAGED MACHINE HAZARD

Do not use a damaged or malfunctioning machine.

Conduct a thorough pre-operation inspection of the machine and test all functions before each work shift. Immediately tag and remove from service a damaged or malfunctioning machine.

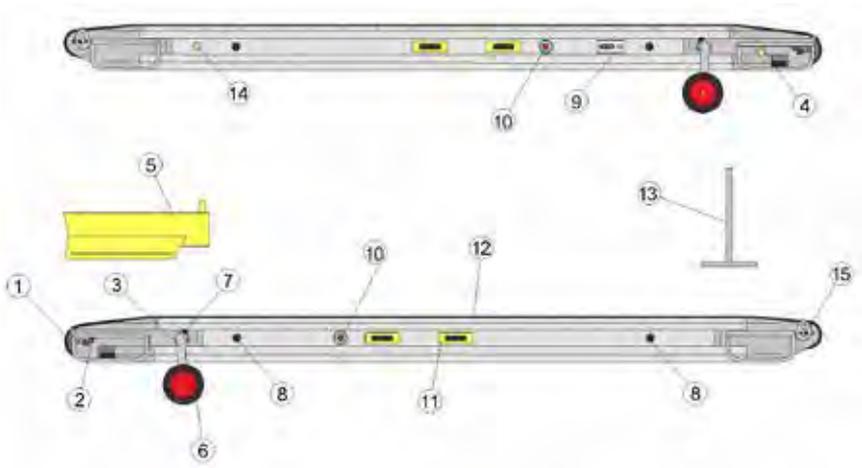
Be sure all maintenance has been performed as specified in this manual.

Be sure all decals are in place and legible.



LEGEND

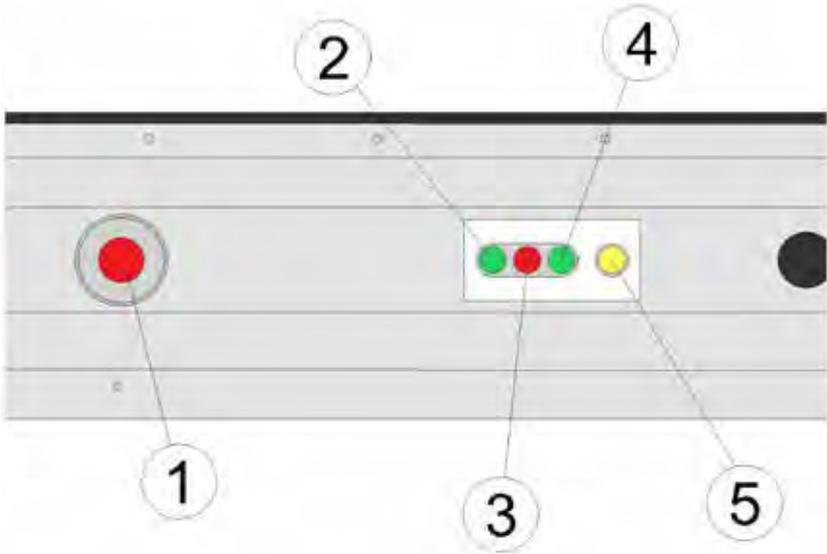
LINKIT® LKS300/LKS450 Series Portable Conveyor



- | | |
|-------------------------|-------------------------|
| 1. Drive Drum | 9. Controls |
| 2. Bottom Belt Adjuster | 10. Emergency Stops |
| 3. Folding Wheels | 11. Forklift Pockets |
| 4. Power Input Socket | 12. Main Belt |
| 5. Hopper | 13. Machine Trestle |
| 6. Wheel | 14. Power Output Socket |
| 7. Wheels Locking Pin | 15. Top Belt Adjuster |
| 8. Scaffold Holes | |

CONTROLS

LINKIT® LKS300/LKS450 Series Portable Conveyor



1. Emergency Stop
2. Forward
3. Neutral
4. Reverse
5. Fast / Slow

PRE-OPERATION INSPECTION



DO NOT OPERATE UNLESS:

You learn and practice the principles of safe machine operation contained in this operator's manual.

1. Avoid hazardous situations.
2. Always perform a pre-operation inspection. Know and understand the pre-operation inspection before going on to the next section.
3. Always perform function tests prior to use.
4. Inspect the workplace.
5. Only use the machine as it was intended.

FUNDAMENTALS:

It is the responsibility of the operator to perform a pre-operation inspection and routine maintenance.

The pre-operation inspection is a visual inspection performed by the operator prior to each work shift.

The inspection is designed to discover if anything is apparently wrong with a machine before the operator performs the function tests.

The pre-operation inspection also serves to determine if routine maintenance procedures are required. Only routine maintenance items specified in this manual may be performed by the operator.

Refer to the list on the next page and check each of the items and locations for modifications, damage or loose or missing parts.

A damaged or modified machine must never be used. If damage or any variation from factory delivered condition is discovered, the machine must be tagged and removed from service.

Repairs to the machine may only be made by a qualified service technician, according to the manufacturer's specifications. After repairs are completed, the operator must perform a pre-operation inspection again before going on to the function tests.

Scheduled maintenance inspections shall be performed by qualified service technicians, according to the manufacturer's specifications.

FUNCTION TESTS



DO NOT OPERATE UNLESS:

You learn and practice the principles of safe machine operation contained in this operator's manual.

1. Avoid hazardous situations.
2. Always perform function tests prior to operation. Know and understand the function tests before going on to the next section.
3. Always perform function tests prior to use.
4. Inspect the workplace.
5. Only use the machine as it was intended.

FUNDAMENTALS:

The function tests are designed to discover any malfunctions before the machine is put into service.

The operator must follow the step-by-step instructions to test all machine functions.

A malfunctioning machine must never be used. If malfunctions are discovered, the machine must be tagged and removed from service.

Repairs to the machine may only be made by a qualified service technician, according to the manufacturer's specifications.

After repairs are completed, the operator must perform a pre-operation inspection and function tests again before putting the machine into service.

WORKPLACE INSPECTION



DO NOT OPERATE UNLESS:

You learn and practice the principles of safe machine operation contained in this operator's manual.

1. Avoid hazardous situations.
2. Always perform function tests prior to operation.
3. Always perform function tests prior to use.
4. Inspect the workplace. Know and understand the function tests before going on to the next section.
5. Only use the machine as it was intended.

FUNDAMENTALS:

The workplace inspection helps the operator determine if the workplace is suitable for safe machine operation. It should be performed by the operator prior to moving the machine to the workplace.

It is the operator's responsibility to read and remember the workplace hazards, then watch for and avoid them while moving, setting up and operating the machine.

WORKPLACE INSPECTION:

Be aware of and avoid the following hazardous situations:

- Bumps, floor obstructions or debris
- Slopes
- Unstable or slippery surfaces
- Overhead obstructions
- Hazardous locations
- Inadequate surface support to withstand all load forces imposed by the machine
- Wind and weather conditions
- The presence of unauthorized personnel
- Other possible unsafe conditions

OPERATING INSTRUCTIONS



DO NOT OPERATE UNLESS:

You learn and practice the principles of safe machine operation contained in this operator's manual.

1. Avoid hazardous situations.
2. Always perform function tests prior to operation.
3. Always perform function tests prior to use.
4. Inspect the workplace.
5. Only use the machine as it was intended.

FUNDAMENTALS:

The Operating Instructions section provides instructions for each aspect of machine operation. It is the operator's responsibility to follow all the safety rules and instructions in the operator's, safety and responsibilities manuals.

This conveyor was designed to transport solid (non-liquid/ non-dangerous) material such as stone, sand, rubble and soil. The material must be loaded responsibly and with skill by the operator as to not cause damage by overloading the conveyor.

Only trained and authorized personnel should be permitted to operate a machine. If more than one operator is expected to use a machine at different times in the same work shift, they must all be qualified operators and are all expected to follow all safety rules and instructions in the operator's safety and responsibilities manuals. That means every new operator should perform a pre-operation inspection, function tests, and a workplace inspection before using the machine.

OPERATING INSTRUCTIONS:

1. Before installing the machine, plan your route. Ensure you have adequate man power to complete the set tasks.
2. Fold wheels down from transport position. Lift base of machine, pull black locking pin. (Fig. 1.) Push wheels into position and let go of pin. The pin should engage into locking plate. (Fig. 2.) Lower machine safely onto the ground. Do not drop machine.

Fig. 1



Fig. 2



3. Fit hopper to base of machine. Align the slots both sides so they line up with the dome head pins. Pins are shown in **red**. (Fig. 3.) Push hopper toward top of machine until the domed pin stops at the base of the slot. Then push down to lock hopper in place. (Fig. 4.)

Fig. 3

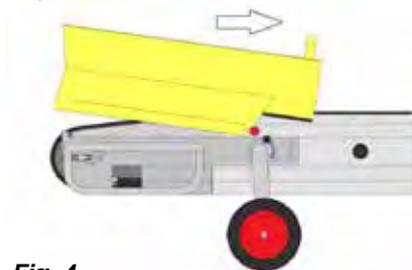
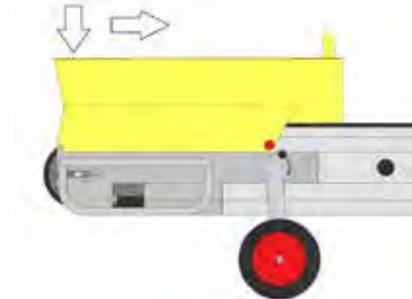


Fig. 4



4. Wheel machine into place using the handles at the top of the machine. If lifting of the machine is required be sure to use proper manual handling techniques.



5. Once machine is in place. Plug in power supply. Start pre-operation checks.



6. When using more than one conveyor. Setup the first conveyor and work forwards. When you are happy with the placement link the machines with the appropriate power leads. For 110v machines a **maximum of four conveyors** can be linked per 5Kva transformer.