

OPERATOR MANUAL

WIENOLD SLK25



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Important

Read, understand and adhere to these safety rules and operatng instructons before operatng this machine. Only trained and authorised personnel shall be permited to operate this machine. This manual should be considered a permanent part of your machine and should remain with the machine at all tmes. If you have any questio s, call Genie Industries.

Contactus:

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Safety Rules



Warning

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

DoNotOperateUnless:

Learn and practce the principles of safe machine operaton contained in this operators' manual.

1 Avoid hazardous situatio s.

Know and understand the safety rules before going on to the next secti n.

- 2 Always perform a pre -operaton inspection.
- **3** Always perform the functon tests prior to use.
- 4 Inspect the workplace.
- **5** Only use the machine as it was intended.
- Read, understand and adhere to the manufacture rs instructions and safety rules—safety, operator's manuals and machine labels.
- Read, understand and adhere to employer's safety rules and worksite regulatons.
- Read, understand and adhere to all applicable governmental regulatons.
- Must beproperly trained to safely operate the machine.

SAFETY RULES

FallHazards

Do not use the machine as a person al lifing platf rm or step.

Do not stand on the load handling atachments.

Do not climb on the mast.

Tip-overHazards

Do not raise the load unless the stabilisers (if equipped) and legs have been fully lowered and locked and the casters are in full contact with the ground.

Do not raise the load unless the leg retainer pins are properly inserted through the leg and the base.



Do not remove the leg retainer pins while the machine is loaded and/or raised.

Do not raise the load unless the machine is on a firm, level surface.

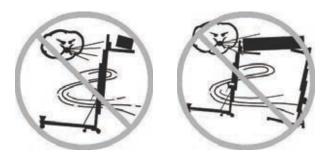


Prior to use, check the work area for drop-offs, holes, bumps, debris, unstable or slippery surfaces or other possible hazardous conditons. Do not raise the load unless the load handling atachment is properly secured to the machine.

Do not use blocks to level the machine.

Do not move the machine with a raised load, except for minor positio ing.

Do not operate the machine in strong or gusty winds. Increasing the load surface area will reduce machine stability in windy conditons.



Do not leave a load raised in windy conditons, unlestine machine(s) are properly guy- wired.

Do not create a horizontal force or side load to the machine by raising or lowering a fixed or overhanging load.

SAFETY RULES

Do not place ladders or scaffolding against any part of the machine.



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

Do not exceed the rated load capacity. See Load Capacity Charts sectio .

Avoid debris and uneven surfaces while rolling a Genie Superlift with the legs folded up.

Do not replace machine parts critcal to the stability or structure with items of different weight or specificaaon.

Do not use a straddle base or the flat forks on an SLK-20 or an SLK-25.

LiftingHazards

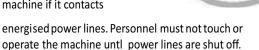
Use proper liftng techniques to load or tp the machine.

Use proper lifing techniques when installing or removing the load handling atachments.

ElectrocutionHazards

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

Keep away from the machine if it contacts



Maintain safe distances away from electrical power lines and apparatus in accordance with applicable governmental regulatons and the following chart.

Voltage		Minimum Safe Approach Distance			
Phase to Phase		Feet	Meters		
0 to 300V		Avoid Contact			
300V to 50KV		10	3.1		
50KV to 200KV		15	4.6		
200KV to 350KV		20	6.1		
350KV to 500KV		25	7.6		
		35	10.7		
500KV to 750KV		45	12 7		

Allow for management and electrical line stay or sag and be aware of strong or gusty winds.

Do not use the machine as a ground for welding.

BodilyInjuryHazard

Do not hold the cable.

Operator Manual

SAFETY RULES

CrushingHazards

Do not raise if the load is not properly centered on the load handling atachment.

Do not raise unless the load is properly secured to the load handling atachment.

Do not stand under or allow personnel under the machine when the load is raised.

Do not stand under the load. The safety brake system (if equipped) will allow the load to drop 1 to 3 feet / 30 to 92 cm

before locking the columns.

Do not lower the load unless the area below is clear of personnel and obstructi ns.

Keep hands and fingers away from folding legs and other potential pinch points.

Maintain a firm grip on the stabiliser when the lock plates are released. The stabiliser will drop.

Maintain a firm grip on the leg when the retaining pin is removed. The leg will drop.

Maintain a firm grip on the winch handles untl the brake is locked. The brake is locked when the load will not cause the winch handles to turn.

AdjustableFlatForks

Do not raise the load unless the snap pins are properly inserted in the forks.



Do not raise the load unless the fork extensions are properly secured to the forks.

CollisionHazards

Check the work area for overhead obstructons or other possible hazards.

Do not tiltthe machine back unless the area is clear of personnel and obstructins.



Use good judgement and planning when transportig the machine on an incline or slope.

Do not load for transport unless the machine and vehicle are on a level surface. Use proper liftng techniques to load the machine.



SAFETY RULES

DamagedMachineHazards



Do not use a damaged or malfunctoning machine.

Do not use a machine with a worn, frayed, kinked or damaged cable.

Do not use a machine with less than 4 wraps of cable on the winch drum when the carriage is fully lowered.

Conduct a thorough

pre-operaton inspeccon prior to each use.

Ensure all labels are in place and legible. See Labels sectio .

Ensure that the operator's manual is complete, legible and in the storage, contained on the machine.

Maintain proper lubricatio on the winch. See

Genie Superlift Parts and Service Manual for details. Do not allow oil or grease on braking surfaces.

Do not use any type of lubricaton on the column surfaces.

ImproperUseHazard

Never leave a Genie Superlift unatended with a load. Unauthorised personnel may atempt to operate the machine without proper instructon, creating an unsafe conditio .

Label-WarningSigns

Genie product labels use symbols, color coding and signal words to identify the following:



Safety alert symbol —used to alert personnel to potental personal injury hazards. Adhere to all safety messages that follow this symbol to avoid possible injury or death.



AWARNING

A

Red—used to indicate the presence of an imminently hazardous situaton which, if not avoided, will result in dea th or serious injury.

Orange — used to indicate the presence of a potentially hazardous situaton which, if not avoided, could result in death or serious injury.



CAUTION

Yellow with safety alert symbol used to indicate the presence of a potentally hazardous situaton which, if not avoided, may cause minor or moderate injury.

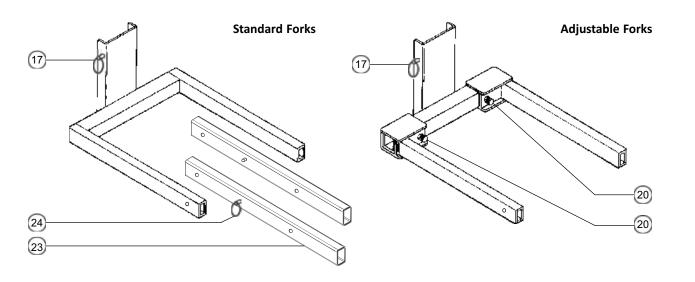
Yellow without safety alert symbol—used to indicate the presence of a potentially hazardous situaton which, if not avoided, may result in property damage.

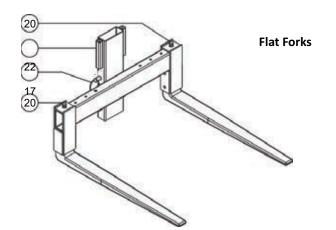
NOTICE

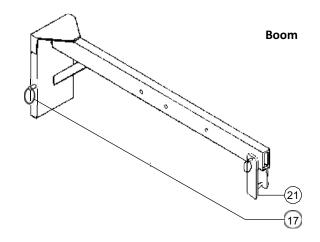
Green — used to indicate operaton or maintenance informaton.

Operator Manual

Diagram







- Mast brace
- Loading wheels/steerhandles
- Snappin
- Lifting shackle
- Forkmounting bracket
- 06Fork extensions
- 07 Forkextensionretainingpin

Pre-operation

Inspection



DoNotOperateUnless:

Learn and practce the principles of safe machine operaton contained in this operators' manual.

1 Avoid hazardous situatio s.

2 Always perform a preoperation inspection.

Know and understand the preoperation inspection before going on to the next section.

- 3 Always perform functon tests prior to use.
- 4 Inspect the workplace.
- 5 Only use the machine as it was intended.

Fundamentals

The pre-operaton inspecton is a visual inspecton performed by the operator prior to each work shif. This inspecton is designed to discover if anything that is observably wrong with a machine before the operator tests it.

Refer to the list on the next page and check each of the items.

If damage or any unauthorised variaton from factory delivered conditon 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 manufacturers specificaaons. er repairs are completed, the operator must perform a pre-operaton inspecton again before going on to the functin tests.

PRE-OPERATION INSPECTION

Pre-operationInspection

- Be sure that the operators ' manual is complete, legible and in the storage, containelocated on the machine.
- Be sure that all labels are legible and in place.

See label secti n.

Check the following components or areas for damage, improperly installed or missing parts and unauthorised modificaati s:

- **W**inch and related components
- ☑ Base components
- Legs
- Stabilisers and latch plates (if equipped)
- Mast columns
- Exterior plastic shim for safety brake (if equipped)
- Carriagehold-downbar
- ☑ Cable anchor
- Cable and pulleys
- Wheels and casters
- ☑ Load handling atachments
- Nuts, bolts and other fasteners
- Cable (kinks, frays, abrasions)

Check the entre machine for:

- Dents or damage
- Corrosion or oxidaton
- Cracks in welds or structural components
- Be sure that all structural and other critcal

components are present and all associated fasteners and pins are in place and properly tghtened.

Be sure there is a minimum of 4 wraps of cable around the winch drum when the carriage is fully lowered.

FunctionTests



DoNotOperateUnless:

- Learn and practce the principles of safe machine operaton contained in this operator's manual.
 - 1 Avoid hazardous situatio s.
 - 2 Always perform a pre-operaton inspecton.
 - 3 Always perform function tests prior to use.

Know and understand the function testsbeforegoingontothenext section.

- 4 Inspect the workplace.
- 5 Only use the machine as it was intended.

Fundamentals

The functon tests are designed to discover any malfunctons before the machine is put into service. The operator must follow the step -by-step instructons to test all machine functons.

A malfunctoning machine must never be used. If malfunctons 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 manufacturers specificaati s.

Afer repairs are completed, the operator must perform a pre-operaton inspeccon and function tests again before put ng the machine into service.

FUNCTIONTESTS

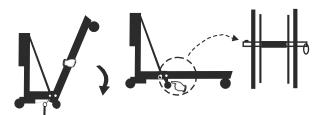
Function Tests

1 Select a test area that is firm, level and free of obstructi ns.

Setup

MachinesWithout Stabilisers

1 Remove the leg retainer pin and lower the leg to the down positon. Insert the pin through the leg and base.



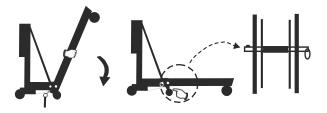
Machines with Stabilisers

1 Push down to release the stabiliser lock plates and lower the stabilisers untl the casters are in full contact with the ground. Be sure the stabilisers are locked in the down positio.



2 Remove the leg retainer pin

and lower the leg to the down positon. Insert the pin through the leg and base.



StraddleBase

- 1 Place a 2 inch / 5.1 cm block under one leg swivel caster.
- 2 Loosen the arm lock knob on the opposite adjustable arm. Push down on the lock knob.
- 3 Positon the adjustable arm to the desired width.
- 4 Tighten the arm lock knob while supporting the leg assembly.
- 5 Repeat steps 1-4 for the other arm.

Load HandlingAttachments

StandardForksandStandardForkOptions

- 1 Place the forks inside the carriage.
- 2 Insert the retaining pin.



LoadPlat form with Standard Forks

1 Place the load platform n the standard forks.

PipeCradle

1 Atach the pipe cradles to the forks. Ensure that the fasteners are tighened.

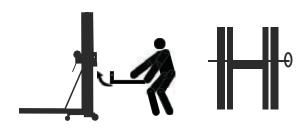
ForkExtensions

- 1 Slide each extension tube onto the fork.
- 2 Adjust to the desired positon and insert the retaining pins.

FUNCTION TESTS

Adjustable Forks and Adjustable Fork Options

- 1 Place the forks inside the carriage.
- 2 Insert the retaining pin.



3 Adjust the forks to the desired width. Ensure thatthe snap pin is properly inserted in each fork.

LoadPlatformwithAdjustableForks

- 1 Adjust the forks to a width of 23 inches / 58.4 cm.
- 2 Place the load platf rm on the adjustable forks.

PipeCradle

1 Atach the pipe cradles to the forks. Ensure that the fasteners are tighened.

ForkExtensions

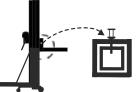
- 1 Slide each extension tube onto the forks.
- 2 Adjust to the desired positon and insert the retaining pins.

FlatForks

- 1 Place the fork mounting bracket inside the carriage.
- 2 Insert the retaining pin.



Adjust the forks to the desired width.
Ensure that the snap pin is properly inserted in each fork.



StandardBoom

- 1 Place the boom inside the carriage.
- 2 Insert the retaining pin.

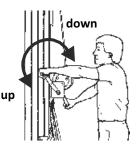


3 Atach the liftng shackle to the desired hole on the boom.

FUNCTIONTESTS

TestOne -SpeedWinch Operation

- 1 Install a load handling atachment.
- 2 Raise the carriage by firmly grasping the winch handles and rotatng them towards the mast.
- Result: The winch should operate smoothly, free of hesitaton or binding.
- 3 Lower the carriage by firmly gripping the winch handles and rotatng them away from the mast. Afer lowering to the



the winch handles toward the mast 1/4 (raise the load)

turn to set the brakes.

desired positon, turn

• Result: The winch should operate smoothly, free of hesitaton or binding.

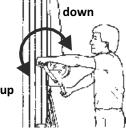
Test Two-Speed Winch Operation

- 1 Install a load handling atachment.
- 2 Shif the winch to the slow speed.
- 3 Raise the carriage by firmly gripping the winch handles and rotatng them towards the mast.
- Result: The winch should operate smoothly, free of hesitaton or binding.
- 4 Lower the carriage by firmly gripping the winch handles and rotatng them away from the mast. Afer lowering to the

up

desired positon, turn

the winch handles toward the mast (raise the load) 1/4 turn to set the brakes.



- Result: The winch should operate smoothly, free of hesitaton or binding.
- 5 Shift the winch to the fast speed and repeat steps 3 and 4.

TestMastSequencing

- 1 Install a load handling atachment.
- 2 Raise the carriage to full height by firmly gripping the winch handles and rotatng them towards the mast.
- Result: The carriage should raise to the top of the front mast secton, followed in consecutve order by each mast secton.
- 3 Fully lower the carriage. Afer lowering to the desired positon, turn the winch handles toward the mast (raise the load) $\frac{1}{4}$ turn to set the brakes.

Workplace Inspection



DoNotOperateUnless:

- You learnandpracticetheprinciplesofsafe machine operation contained in this operators' manual.
 - 1. Avoid hazardous situatio s.
 - 2 Always perform a pre-operaton inspecton.
 - 3 Always perform functon tests prior to use.
 - 4 Inspect the workplace.

Knowandunderstandtheworkplace inspectionbeforegoingontothenext section.

5 Only use the machine as it was intended.

Be aware of and avoid the following hazardous situatio s:

- · drop-offs or holes
- · bumps and floor obstructi ns
- debris
- · sloped surfaces
- · unstable or slippery surfaces
- overhead obstructons and high voltage conductors
- · hazardous locati ns
- inadequate surface support to withstand all load forces imposed by the machine
- $\cdot \,$ wind and weather conditio $\,$ s
- · all other possible unsafe conditio s

Fundamentals

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

It is the operators ' responsibility to read and remember the workplace hazards, then watch for and avoid them while moving, set ng up and operatig the machine.

Operating Instructions



DoNotOperateUnless:

- Learn and practce the principles of safe machine operaton contained in this operators' manual.
 - 1 Avoid hazardous situatio s.
 - 2 Always perform a pre -operaton inspeccon.
 - 3 Always perform functon tests prior to use.
 - 4 Inspect the workplace.
 - 5 Only use the machine as it was intended.

Fundamentals

The Operatng Instruucons seceon provides instructons for each aspect of machine operaton. It is the operators ' responsibility to follow all the safety rules and instructons in the operators ' manual.

Using the machine for anything other than lifing material is unsafe.

If more than one operator is expected to use a machine at different tmes in the same work shif, each operator is expected to follow all safety rules and instructons in the operators ' manual. That means every new operator should perform a pre-operaton inspecton, functon tests and a workplace inspection before using the machine.

OPERATING INSTRUCTIONS

Setup

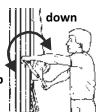
Select an area that is firm, level and free of obstructins.

Follow the Setup procedures in the Functon Tests secton.

RaisingandLowering Load

- 1 Center the load on the load handling atachment. See Load Capacity Charts secton.
- 2 Secure the load to the load handling atachment.
- 3 Raise the load by firmly gripping the winch handles and rotatng
- them toward the mast.

/thecable up



to wind unevenly onto

the drum.

4 Lower the load by firmly gripping the winch handles and rotatng them away from the mast. Afer lowering to the desired positon, turn the winch handles toward the mast (raise the load) ¹/₄ turn to set the brakes

MovingMachinewithaLoad

It is best to move the machine on the worksite with no load. Moving a raised load should be restricted to positio ing for loading and unloading. If it is necessary to move the machine with a raised load, understand and adhere to the following safety rules:

- Make sure the area is level and clear of obstructins
- Make sure the load is centered on the load handling atachment
- Make sure the load is secured to the load handling atachment
- · Avoid sudden starts and stops
- Travel with the load in the lowest possible position
- Keep personnel away from the machine and load

AfterEachUse

To prepare the Genie Superlift for storage, follow the Setup procedure in reverse order.

Select a safe storage locaton - firm level surface, weather protected, clear of obstructi n and traffic.

LoadCapacityCharts



Observeand Adhereto:

- Failure to properly positon the load may result in death or serious injury.
- Verify that the load you wish to raise does not exceed the maximum load for your load center. See the Load Capacity Chart on the next page.

Tip-over hazard. Raising a load **AWARNING** that exceeds the machine capacity may result in death or serious injury.

A load center is defined as the balancing point (center of gravity) of a load and must be positio ed within the load center zone.

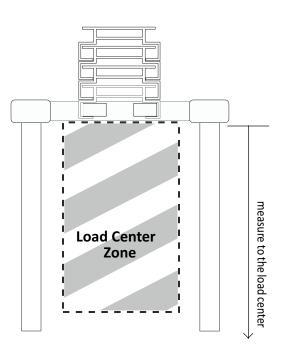


Tip-over hazard. Failure to positon **AWARNING** the load center within the load center zone may result in death or serious injury.

Forks

LoadPositioningInstructions

- 1 Determine the weight of the load and the locati n of its load center.
- 2 Measure to the load center from the side of the load that will be closest to the carriage.
- 3 Refer to the chart on the next page to determine if the machine is capable of lifting the weight at the locaton on the forks.
- 4 Place the load so that it rests on the forks, as close to the carriage as possible.
- 5 Positi n the load so that the load center is within the load center zone.
- 6 Secure the load to the forks.



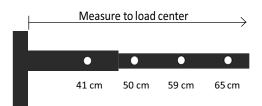
See the chart on the next page for maximum load centers for standard forks, adjustable forks and flat forks.

LOAD CAPACITY CHARTS

Boom

LoadPositioningInstructions

- 1 Determine the weight of the load and the locati n of its load center.
- 2 Refer to the chart to determine if the
 - machine is capable of lifing the weight at the locatin on the boom.
- 3 Secure the load to the liftng shackle on the boom.



LOAD CAPACITYCHART

	Maximum Payload	(Outreach:L	oad Centre)	
Load Centre:	41 cm	50 cm	59 cm	65 cm
SLK 10	450 kg	377 kg	316 kg	281 kg
SLK 15	360 kg	301 kg	252 kg	225 kg
SLK 20	360 kg	301 kg	252 kg	225 kg
SLK 25	300 kg	251 kg	210 kg	188 kg

TransportandLiftingInstructions



surface.

loaded.

capacity.

carriage.

inserted.

hold-downbar.

machine weight.

Loadingthe Machine

stabilisers in the stored positon.

Observeand Adhereto:

The transport vehicle must be parked on a level

Ensure the vehicle capacity, loading surfaces and chains or straps are sufficient to withstand

The machine must be secured to the transport vehicle with chains or straps of ample load

Ensure that the load handling atachment is removed from the machine and place the

1 Fully lower the carriage, to lock for transport.

3 Raise the carriage untl it contacts the carriage

2 Rotate the carriage hold-down bar over the

4 Adjust the loading wheels to the desired

positon. Ensure that the pin is properly

the machine weight. See the serial plate for

The transport vehicle must be secured to prevent rolling while the machine is being 5 Lock the rear base casters.



6 Place the machine against the vehicle. Use proper liftng techniques to load the machine into the transport vehicle. Ensure that the carriage is locked in the lowered positon.



7 Use a minimum of 1 chain or strap to secure the machine to the truck bed. Place the chain or strap over the mast. Placing the chain or strap over the legs can damage the legs.



8 To unload, follow the loading instructions in reverse order.

LoadingMachinewithaCrane

Ensure thathe legs and stabilisers are placed in the stored positio .

Ensure that the machine is inspected and remove any loose or unsecured items.

Use the liftng bracket on the top of the rear mast column.

Always place the lifting hook through the lifting bracket so that it points away from the machine.



WienoldSuperlife withCounterweights

Specifications

Model	SLK-10	SLK-15	SLK-20	SLK-25
Lifting eight:	3,50 m	5,00 m	6,50 m	7,90m
Measures Transport Position				
Height:	1,98 m	1,98 m	1,98 m	1,98 m
Length: Width:	0,90 m	0,90 m	0,96 m	1,02 m
vviden.	0,80 m	0,80 m	0,80 m	0,80 m
Maße Arbeitsstellung				
Hight:	1,98 m	1,98 m	1,98 m	1,98 m
Length:	1,50 m	1,80 m	2,22 m	2,22 m
Width without lateral outrigger: Width incl. lateral outriggemax.	0,80 m	0,80 m	0,80 m	0,80 m
	2,22 m	2,22 m	2,22 m	2,22 m
Weights				
Chassis Standard Equipment:	122 kg	150 kg	182 kg ¹	200 kg ¹
8 Counterweights incl.Box	135 kg	135 kg	135 kg	135 kg
Payload				
Load center: 41 cm:	450 kg	360 kg	360 kg	295 kg
Standard Equipment				
Winch: Loading Tool:			with2Cranks fing Fork	
Lateral Outrigger:	Optonal	Optonal	Inclusive	Inclusive

¹Incl. lateral Outrigger (14 kg/Pair). Lateral Outrigger is standard equipment on SLK 20 and SLK 25.

Wheel Loads SLK 10-25 Image: Imag

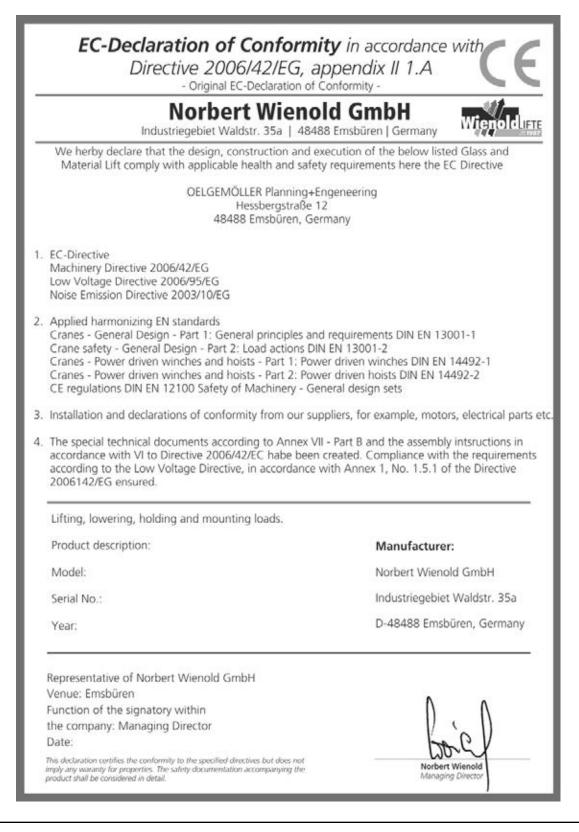
150 kg 150 kg

Rear axle per wheel:

150 kg

150 kg

Declaration of Conformity



WienoldSuperlifte with Counterweights

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WienoldSuperlife withCounterweights



Daily Pre-Use Checklist Counterbalance Floor Crane

Machine Model: Wienold SLK25				Site Name:						
Do	te Week Commencing:	Fleet No:		Address:						
Inspected by:										
Do	aily Pre-use Checks		м	т	w	т	F	S	S	COMMENTS
1	Are all operators manuals present and readable									
2	Is the Report of Thorough Examination (LOLER) in date	2								
3	Complete a visual walk around / Inspection for any no	pticeable defects								
4	4 Are all safety information decals present and readable									
Che	eck the following components or areas for dama	ige, or missing	part:	s & un	autho	orised	modi	ficatio	ns:	
5	Cators are free from defects									
6	Footbrake(s) is operational									
7	Chassis is in good condition with no major defects									
8	Nut, bolts & other fasteners									
9	Counterweights are free from defects									
10	Counterweights are all fitted correctly									
11	Mast Colums free from defects or debris									
12	Cables & Pulleys									
13	Hand winch is operation and free from defects									
14	Outriggers are free from damage									
15	Lifting attachement is secure and free from defects (wh	nere applicable)								
16	Hook is in serviceable condition									
17	Lowering mechanism is operational									
18	Carry out full function test									
Is the machine safe to use? (please circle)		YES	YES	YES	YES	YES	YES	YES		
		NO	NO	NO	NO	NO	NO	NO		
Operator's Initials										

Result of Inspections: List defects or state "No Defects"

Date: