

Operation Manual

Pipe Lifting System

Assemble Kit No: 1323 & 1623 RD/RE

High-Capacity Restricted Outdoor Use

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Introduction



Failure to read, understand and obey the safety rules will result in death or serious injury.

Do Not Operate Unless:

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

1. Avoid hazardous situations.
2. Always pre-inspect system.
3. Always perform function tests prior to use.
4. Inspect and clear the workplace.
5. Only use on recommended machines.

You read, understand and obey the manufacturer's instructions and safety rules safely and operator's manuals and system decals.






You read, understand and obey employer's safety rules and worksite regulations.

You read, understand and obey all applicable governmental regulations.

You are properly trained to safely operate the system on the recommended machines.

Decal Legend

Platform Attachment Rentals decals use symbols, colour coding and signal words to identify the following:

	Safety alert symbol – used to alert personnel to potential hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
	Red – used to indicate the presence of an imminently hazardous situation which, if not avoided, will result in death or serious injury.
	Orange – used to indicate the presence of a potential hazardous situation which, if not avoided, will result in death or serious injury.
	Yellow – Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
	Green– Indicates a hazardous situation which, if not avoided, could result in property damage.

Wind Force Hazards:



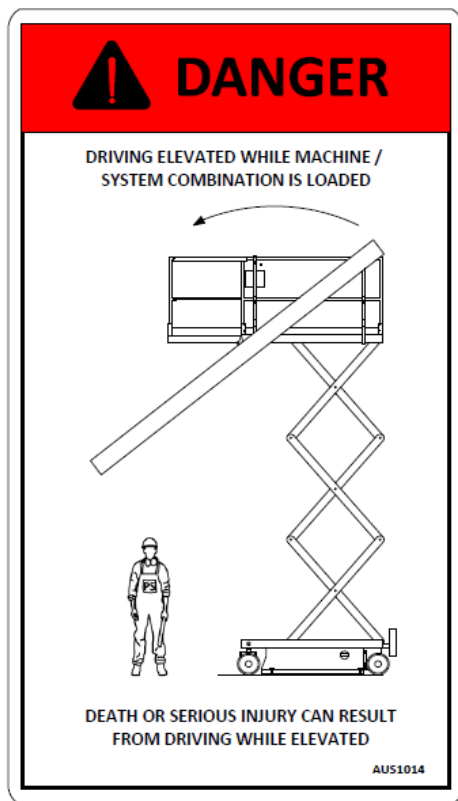
- 1- Pipe lifting system is rated for 12.5m/sec or 45km/hour
do not use machine / system combination in winds
exceeding 12.5m/sec or 45km/hour
- 2- Wind speed rating = 12.5m/sec or 45km/hour

Note: Refer to Beaufort Scale on next page.

Beaufort Scale

Level	When you see ...	Wind Speed in km/h
0	Calm. Smoke goes straight up. No wind.	0 - 2
1	Weathervane does not move. Smoke drifts. Slight wind.	2 – 5
2	Feel wind on your face. Weathervane moves. Leaves rustle. Light wind	6 – 11
3	Leaves & twigs move steadily. Gentle breeze.	13 – 19
4	Small branches move. Dust & paper are being blown around. Moderate breeze.	21 - 29
5	Small trees begin to sway	19 - 24
6	large branches of trees in motion, whistling heard in wires	25-31
7	whole trees in motions, resistance felt in walking against the wind	32 - 38
8	Twigs and small branches broken off trees	39 - 48

Crushing Hazards:



- 1- Use extreme care when driving the machine while elevated with the lifting system loaded. Ensure work area is clear of personal and equipment before any lifting operation.
- 2- Do not use anything other than the lifting system to level the loads.

- 3- Do not operate the machine unless the load is securely fitted into the lifting system utilizing the supplied tie-down straps.
- 4- Avoid debris and uneven surfaces.
- 5- Always use gloves when setting up & operating the lifting system.
- 6- Lifting system shall be installed via component person as per the instructions listed.

Recommended Machines:

This system is designed for Sinoboom machines only do not use on other manufacturers machines. Do not use this system on machines that are not listed below.

- 1- **1323 & 1623 RD/RE** Sinoboom RT scissor lift

The system can only be used on Sinoboom 1323 and 1623 RD & RE unit with Sinoboom approved floor mount installed in the platform of the machine.

Death or Serious injury will occur if the pipe lifting system is used on machines without the approved floor mount installed from Sinoboom.

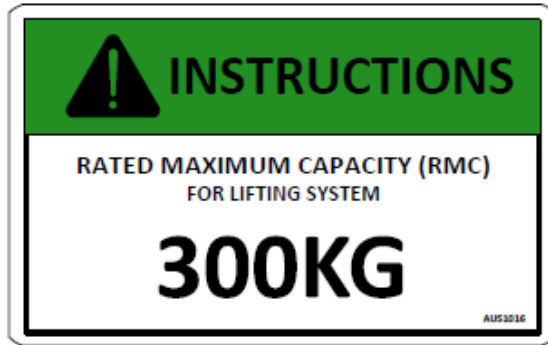
Rated Max Capacity:

The pipe lifting system outlined in this manual is used for high-capacity pipe and carries a fixed rated max capacity.

Rated Max Capacity = **300Kg**

Max pipe diameter = **300mm or 12inches**

Max pipe length = **6m**



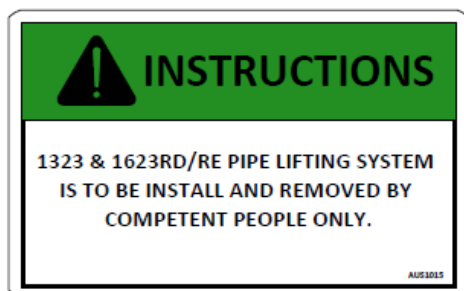
Note: Refer to manufacturer's operators manual & supporting decals for specific machine max rated capacity.

System weight and RMC of the lifting system shall be subtracted from the operational RMC of the machine.

Specifications:

System weight 54Kg / 119lbs each

Installation Procedures:



The 1323 & 1623RD/RE high-capacity pipe lifting system is to be installed by competent people. Contact the Sinoboam technical department for detailed fitment and removal instructions.

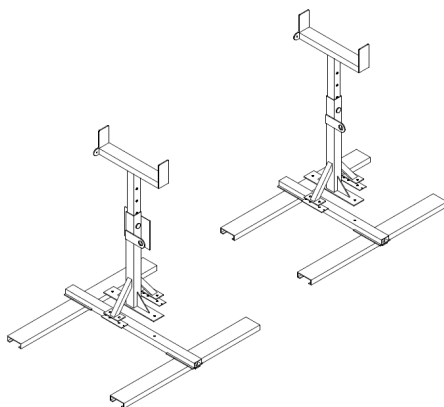


Image – full assembly view of the system with floor mount.

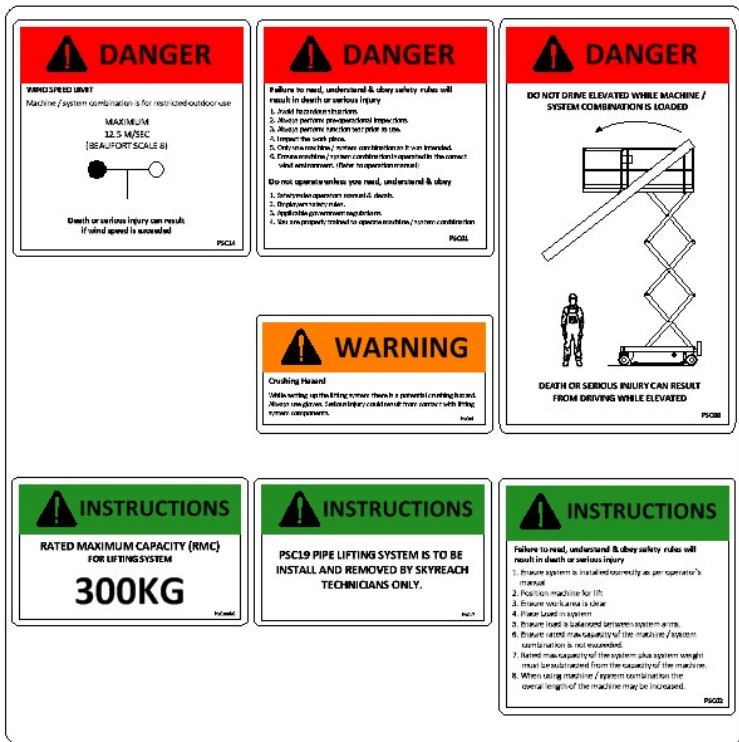
Operating Instructions:

Using the 1323 & 1623 RD/RE pipe lifting system for anything other than its intended purpose is unsafe.

- 1- Always use the machine / system combination on firm level surfaces.
- 2- Ensure work area is clear.
- 3- Position machine to lift.
- 4- Place load in system.
- 5- Ensure load is balanced between system heads.
- 6- Confirm RMC of system via the decal within this manual or on the decal plate of the system.
- 7- Rated max capacity + system weight must be subtracted from the RMC of the machine.
- 8- Secure load with provided tie down straps.
- 9- When using system, it may increase the overall length of the machine. Allow for extra length when raising and lowering.
- 10- All work procedures must cease when wind speed exceeds 12.5m/sec or 45 km/hour.

Decals:

Use the appropriate information to verify that all decals are legible and in place.



Notes: