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WORK SAFER - FASTER - SMARTER

ACRO PROPS USER GUIDE

SAFETY DO'S

- Read all of these leaflet before you use these props.
- The use of props for the temporary support of overhead structures should only be undertaken by persons who have the necessary knowledge and experience to do the job safely.
- Consult the architect or other responsible persons regarding the weight of the overhead structure that is to be supported.
- Plan your work and think ahead to make sure you will always be working safely.
- Safety equipment such as hard hats and gloves should be worn when using this equipment.
- Check the props each time before you start work.
- If props are left in position unattended make the area safe from children and other unauthorised persons.
- The props must be inspected by a competent person at least once a week.
- Always return the equipment to the hire company in a clean condition.

SAFETY DON'TS

- These props are designed to give support to overhead structures while the existing support is renovated or replaced. Do not use them for anything else. Carelessness or misuse could cause a serious or fatal accident.
- This equipment will damage property if it is not used carefully.
- Do not remove or adjust any prop until you are certain that it is safe to do so.
- Do not string or tie any electrical or lighting cables to the props.
- If your equipment is faulty do not attempt to repair it. Contact the hire company.

GETTING STARTED

1. Check all your equipment before using it. Check that the inner and outer tubes are straight and that they telescope easily.
2. Check that the original pin is secure on its chain; do not use any other pin. Some units are fitted with a wrap around pin - these too are acceptable. Do not use anything found to be damaged - contact the hire branch.
3. Do not exceed the safe working load (SWL) for your props. (Refer to table no: 1)
4. Wear a helmet and gloves when working with support props.
5. Anybody who is working near to you will need to wear the same safety equipment.
6. Only essential people should work in the area when props are in use.
7. Your prop must be vertical in order to bear its safe load.
8. Props must never be used more than 1.5 degrees off vertical. This is about 2 inches (50 mm) out of true in every 6 feet (1.8m) of length.
9. Make sure that the floor surface where you put the baseplate of your prop is sturdy enough to support the weight that will be placed upon it.
10. Each prop should stand on a timber soleplate unless the baseplate is standing on a suitable structural concrete.
11. The timber soleplate should be at least 225mm (9 inches) wide by 38mm (1.5 inches) thick. It should be long enough to project at least 300mm (12 inches) either side of the support prop's baseplate.
12. Make sure that the ceiling or upper surface where you locate the head plate of your prop will not give way when the prop takes the weight of the adjoining structure.
13. A piece of timber, like the soleplate, can be used above the headplate to help spread the load.
14. Props are available in five different lengths.
15. Do not use props that are too short by making up the gap with timber. Use the correct length prop.
16. Do not try to brace your support props unless you have the necessary skill and knowledge to do it safely.
17. Before starting work make sure you understand how to use the props safely and how much support your overhead structure needs.

TABLE**1.***Maximum Working Load/Height*

Height (m)	Safe Load (kg)
5.13	990
5.10	1,000
5.00	1,025
4.90	1,050
4.80	1,090
4.70	1,120
4.60	1,145
4.50	1,180
4.40	1,230
4.30	1,290
4.20	1,350
4.10	1,410
4.00	1,470
3.90	1,530
3.80	1,600
3.70	1,685
3.60	1,770
3.50	1,860
3.40	1,950
3.30	2,050
3.20	2,150
3.10	2,260
3.00	2,380
2.90	2,510
2.80	2,645
2.70	2,780
2.59 and less	2,940

TABLE*Maximum and minimum working heights*

Type	Overall Height (m)		Mass (kg)
	Closed	Open	
0	1.09	1.96	15.2
1	1.65	2.72	21.0
2	1.98	3.35	22.2
3	2.59	3.96	24.7
4	3.28	5.13	33.4

ACROW PROPS HANDLING

Lay protective sheet on surface for transporting.

SPECIFICATIONS

Weight Capacity (SWL) Varies

Maximum Lifting Height (see tables) Varies

HELP

If this unit is not operating correctly or you are unhappy with its performance, return unit to Australian Scaffold for exchange or service.

Do not attempt to repair it yourself.

Contact Australian Scaffold for details of our After Hours Emergency Service.

This operating and safety brochure is intended as a guide only for the safe operation of this equipment. It does not override license requirements nor is it a substitute for a structured operating lesson.

If you are unsure about any aspect of the equipment or its capabilities or if you are in doubt as to its proper usage, feel free to consult our trained employees for instruction or the answers to any questions you may have regarding the safe operation of this equipment.