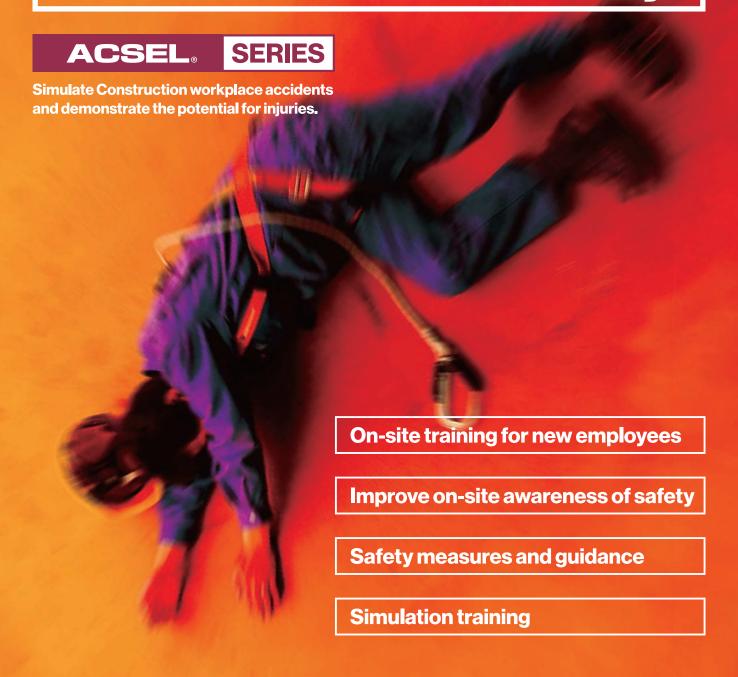
SAFETY SIMULATOR GUIDE

for Construction Industry





Dropping Workplace



Fall Into Opening Simulator

ACSEL®

5180

This simulator allows the trainee to experience falling from work stage through the opening which is mechanically opened by trainer's operation.

Outside dimension (abt.) / W2,300 \times L2,500 \times H3,650mm Weight (abt.) / 3,500 kg

The floor opens up and you fall freely into the cushion box below!

& Falling

Accidents



Compressed

Workplace



& Pinched

Accidents

Small mistake can lead to a serious accident.

Slinging Wire Accident Simulator

ACSEL

2070

This simulator allows you to experience the danger of a workplace accident while operating a hoist and sling wire. You can understand and observe the danger of jamming incident by inserting an imitation hand or a thin bamboo stick, and the danger of unbalanced lifting.

Voltage / Specifications of a power supply will be determined after consulting. (For chain block) Outside dimension / W1,200 x L1,200 x H2,300mm Weight / Approximately 450kg(With an empty drum.) Note / Fill the drum with water before simulation. (About 220kg when full capacity.)







Why are helmets and safety boots a must? Here's the answer.

Safety Shoes and Helmet **Accident Simulator**

2050

This device simulates the effectiveness of wearing safety shoes and helmet when a heavy items are dropped onto



Slip, Stumble

Workplace



How can you trust that SCAFFOIDING those handrails?

Stage Incline Accident Simulator

ACSEL®

5110

This Simulator features two simulation functions: Handrail movement and platform instability experiences,

You can understand the risk of falling from an unstable work platform.

Air pressure Approximately / 0.4MPa Outside dimension / Main body : W1,040 x L2,230 x H1,860mm Control panel : W310 x L306 x H830mm Weight / Approximately 250kg



Small step can seriously disrupt your work.

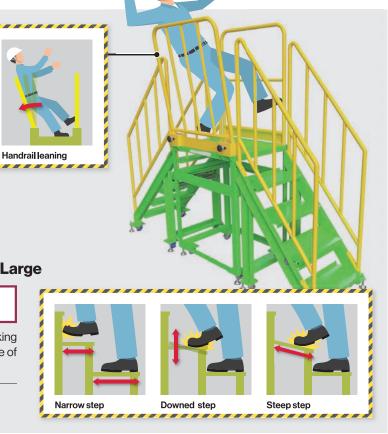
Stairway Slipping and Falling Down Simulator: Large

ACSEL®

5041

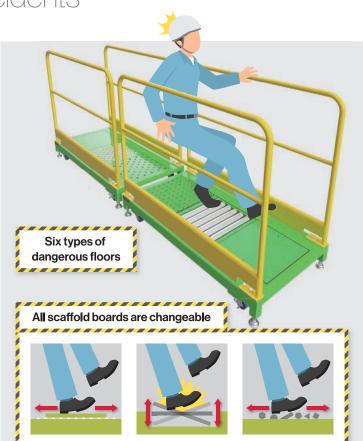
This simulator demonstrates the danger of stairs by walking on the various types of the stairs and learn the importance of grabbing handrail and watch your step.

Outside dimension / W840 x L2,780 x H2,300mm Weight / Approximately 400kg



& Lose balance

Accidents



Scaffolding hazards are SILENT and target workers!

Slipping and Falling Down Simulator

ACSEL

5030

People walk on a flat plate, a stage plank, a ball roller, checkered plates (2 sets) and a free roller surface, and experience slipping and falling down.

Outside dimension / W750 x L1,470 x H1,300mm 2 sets (1 device uses 2 sets.) Weight / Approximately 200kg



People die every year!

when they use it incorrectly

Unsteady Stepladder Accident Simulator

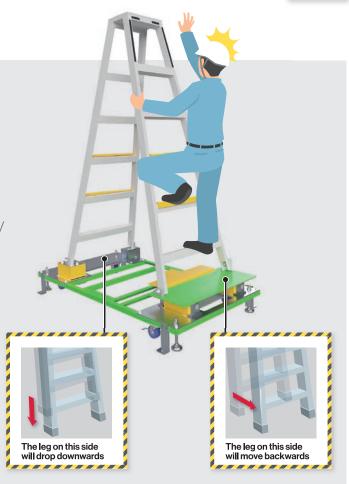
ACSEL_®

5050

This simulator allows the trainee to experience the potential dangers of using stepladders in an unsafe manner.



Air pressure / Approximately 0.5MPa
Outside dimension / Main body: W800 x L1,500 x H2,000mm
Control panel: W350 x L410 x H800mm
Weight / Approximately 150kg



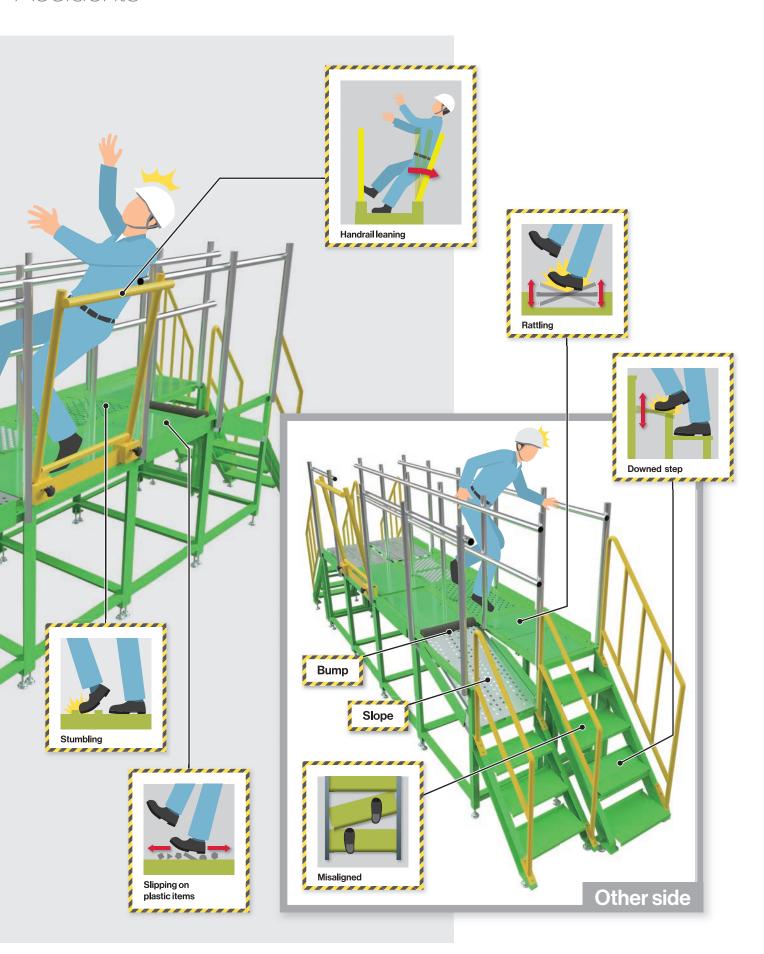
Slip, Stumble

Workplace



& Lose balance

Accidents



Drop Impact

Workplace Accidents

The impact of the fall

was greater than expected.

Dropping Impact Measurement Simulator

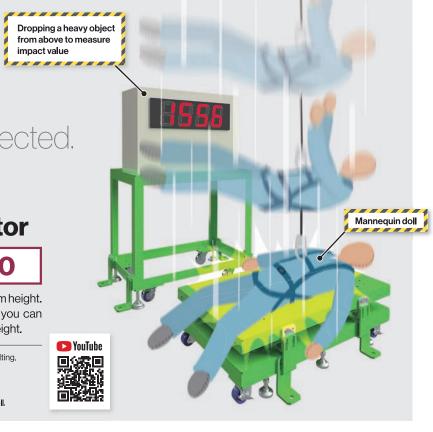
ACSEL®

5150

This simulator measures the impact when you fall from height. Looking at the number readout of the impact, and you can imagine how serious it could be when you fall from height.

Weight / Approximately 400kg

Note / Prepare a hoist crane, and / or stage which drop the mannequin do II.





Even something small can have an immeasurable impact.

Dropping Impact Measurement Simulator :Light

ACSEL®

5151

Even dropping low height, trainees can find out the impact of it.

Voltage / Specifications of a power supply will be determined after consulting. Outside dimension / W680 x L535 x H1,680mm Weight / Approximately 70kg



Heavy Objects

Workplace Accidents

Appearances and reality are different.

Lifting Weight Simulator

ACSEL

5130

This simulator allows you to experience the mental miscalculation of lifting heavy items. Using three types of objects which are all the same weight but of different volume. You also can learn how the feel of the weight varies by how you lift it.

Outside dimension / W250 x L250 x H390mm Weight / Approximately 10.0kg x 3 (Excluding weights.) Note / Options:5kg weights for each materials.

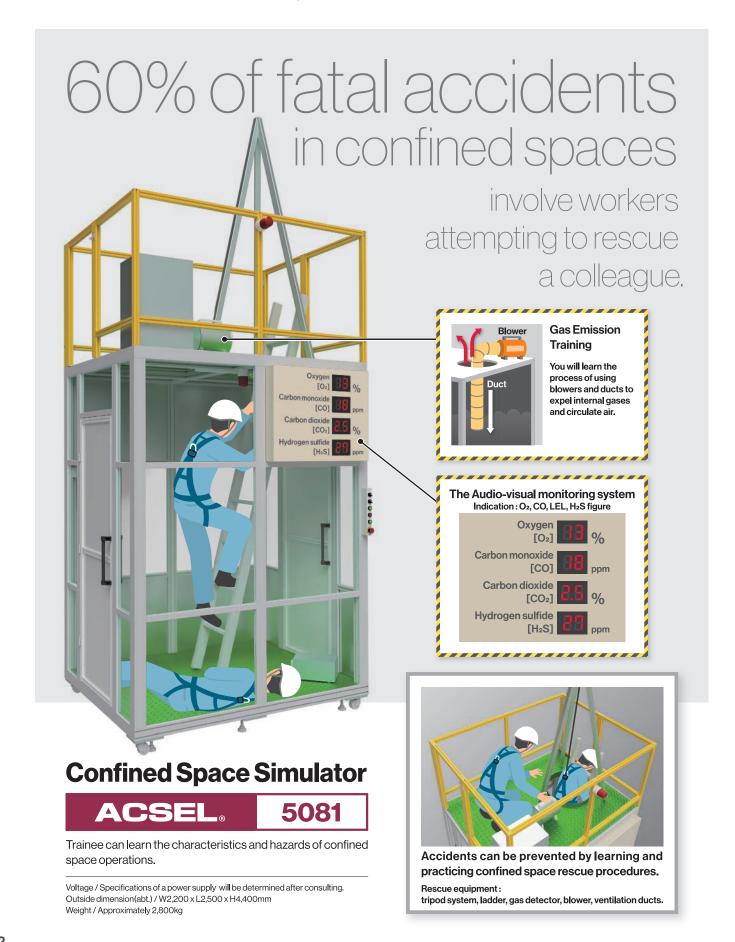


Suspended in Mid-air



Confined Spaces

Workplace Accidents



Fire Burning

Workplace Accidents



Fire Burning Accident Simulator

ACSEL®

3070

Trainees will be able to experience 3 cases of causes of fire accidents at construction sites.

Voltage / Specifications of a power supply will be determined after consulting. Outside dimension / W700 x L1,500 x H1,650mm Weight / Approximately 300kg

Electrical System

Workplace Accidents

A short circuit accident can escalate into

a life-threatening accident

or a large-scale fire.





Use insulated gloves to cut the wires inside the box! At that moment, a large spark and shock will occur.



When energized wire touches the conductive plate, spark will occur.

CAUTION

This device produces a strong flash of light.

Short Circuit Simulator

ACSEL

3060

The device allows people to experience and learn the risk of short circuit and spark by cutting energized wire using nippers.

Voltage / Specifications of a power supply will be determined after consulting. Outside dimension / W805 x L560 x H1,440mm Weight / Approximately 100kg

We want to eliminate Workplace Accidents.

The desire for safety is

UNIVERSAL



ASIA CREATE'S Safety simulators are used Throughout the world.

Brazil Malaysia

Canada Mexico

China Philippines

Hungary Singapore

Hong Kong Taiwan

India Thailand

Indonesia USA

Vietnam

Japan

What is Asia Create's "Safety Simulators"?

ACSEL® SERIES

This device is for learning about on-site dangers that cannot be conveyed through classroom learning alone. It can be used to educate and guide employees on safety measures.

By realistically recreating actual workplace accidents and experiencing the fear and danger, employees can develop the ability to predict danger and improve safety awareness on-site.

We also manufacture customized "Safety simulators" to suit the safety education of specified workplace, so please feel free to contact us.

Access the introduction videos of each Safety experience simulator on







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