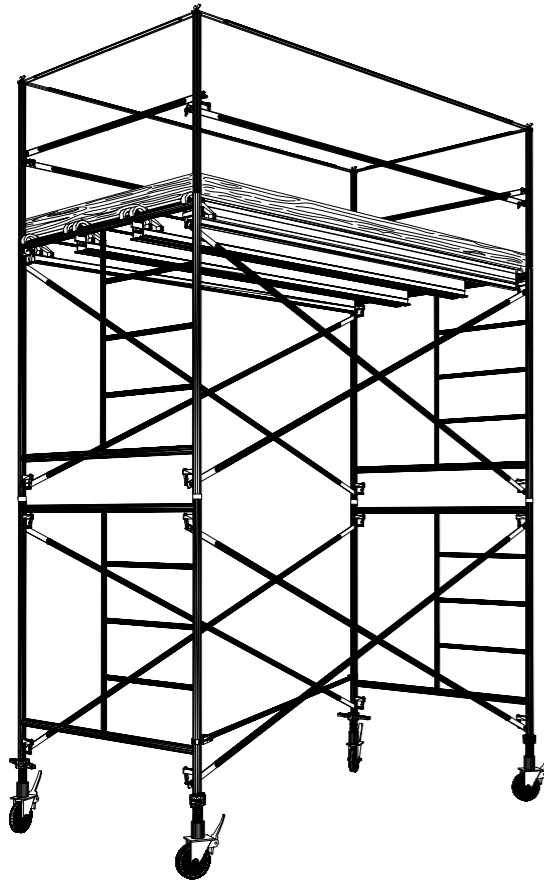
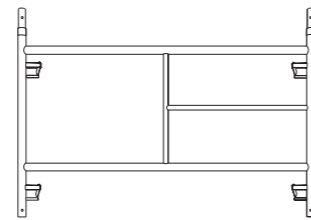


# Descriptive Terminology for Access Frame Scaffolding



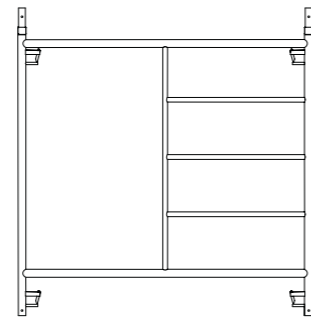
## Standard frames

Frames are made up in various widths and heights and for various load capacities. The most common width of frame is 1.5 m (5 ft.). However, there are frames 1.2 m (4 ft.) and 1.0 m (3 ft.) wide in daily use. The height of frames can vary from 1.0 m (3 ft.) to 6.0 m (20 ft.). Three types of standard frames are shown below.



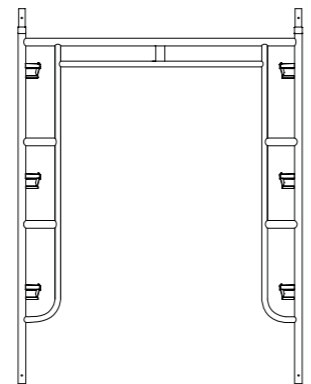
## Standard half or bench frame

This frame is 1.0 m (3 ft.) high x 1.5 m (5 ft.) wide. It is often used at the base of a scaffold especially with arch frames when height or heavy loading is a factor. It is also used as a make up when the ground level drops away in excess of 1.0 m (3 ft.).



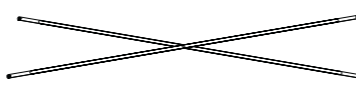
## Standard end frame

This frame is 1.5 x 1.5 m (5 x 5 ft.) and is often used to form rolling scaffolds. It is also used with side brackets or when the top working lift only is required.



## Standard arch or walk-through frame

This frame may vary in width but is generally 2.0 m (6 ft. 6 in.) high. It is used where a multi-trade application or more than one working level is required. It is also popular with bricklayers when used with side brackets.



## Cross-brace

The dimension is generally determined by the various bay size lengths, from 1.0 m (3 ft.) to a maximum of 3.0 m (10 ft.). They are used in pairs to join frames together.



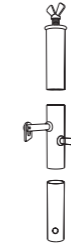
## Plan brace or gooser bar

Installed at the bottom of a rolling scaffold or a free-standing tower to prevent the structure from racking (going out of square). It may also be required at other heights and spacing within the scaffold structure as specified by the manufacturer or supplier.



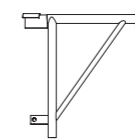
## Guardrail

Purpose-made tube in various lengths. Guardrails are fixed to the brace-locks or attached to the post. Check the brace-lock spacing to comply with heights for rails.



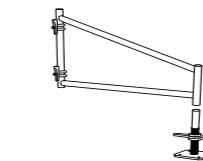
## Guardrail post

Fixed to the top frame of a scaffold structure. Generally two types are available, intermediate and corner post.



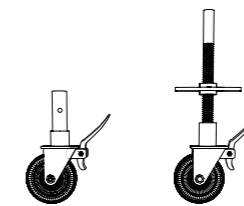
## Side or end bracket

Normally a two-plank or one-deck wide bracket. It is hooked onto the face of the scaffold, either to increase the platform width or to create an intermediate platform. It allows workers such as bricklayers unrestricted access to the working surface.



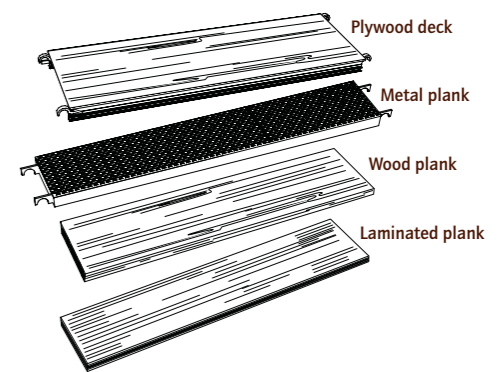
## Outrigger bracket

Fixed to the base of a free-standing tower or a rolling scaffold to increase the base dimension. It prevents overturning in accordance with the 3 to 1 rule applicable to free-standing towers and rolling scaffolds. It can be used with an adjustable base plate or a caster with screw jack.



## Caster and caster with screw jack

Placed in the bottom of the frame leg to form a rolling scaffold. Several sizes are available and load capacities can vary. The manufacturer's or the supplier's instructions must be followed, especially with regard to adjustments. All casters must have working brakes. Casters must not be allowed to fall away from the frame leg.



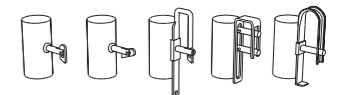
## Deck or plank

Forms the working or loading platform for persons and materials. The load capacity is determined by the unsupported span of the plank or deck. For manufactured planks or decks, check specifications for loading.



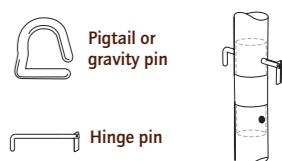
## Stair section and handrail

Incorporated into a frame structure as a means of access.



## Brace lock

The attachment on the frame leg for installing the cross-brace to the frame.



## Pigtail or gravity pin

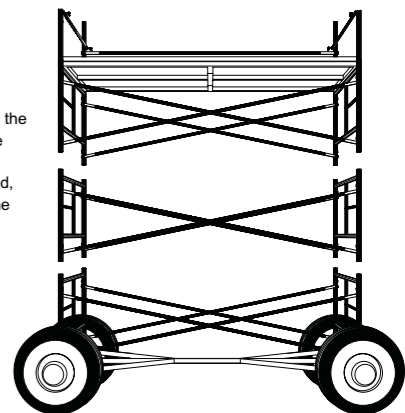
## Hinge pin

## Lock pin

Placed through the frame leg and coupling pin to prevent the frames separating.

## Farm wagon

A unit with pneumatic tires to form the base of a rolling scaffold. It can be towed manually or mechanically. Make sure that brakes are installed, as well as base jacks to pick up the load in case of a flat tire.

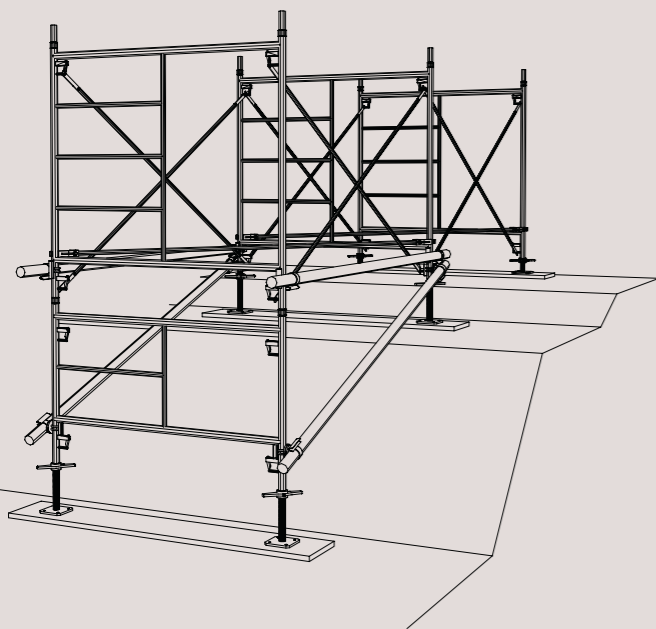


## Access frame scaffolding

Note: Not all of the items that are available for frame scaffolding have been included on this poster. Check with your supplier for other items and for all of the manufacturer's specifications that may apply to any of the items shown.

If you have questions on workplace safety, call the WCB Prevention Line at 604-276-3100 in the Lower Mainland, or toll-free 1-888-621-SAFE (7233) for the rest of B.C. For scaffolding and other health and safety information, visit the Health and Safety Centre on [www.worksafefbc.com](http://www.worksafefbc.com) and click on "Construction."

To order this poster (number 0208), phone 1 800 661-2112, local 3068



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