

**MGF LADDERSAFE IS A SIMPLE, ROBUST LADDER ACCESS PLATFORM FOR USE WITH MGF EXCAVATION SUPPORT SYSTEMS. THE SYSTEM IS AVAILABLE IN A VARIETY OF FORMATS TO ALLOW IT TO QUICKLY AND EFFECTIVELY CLAMP TO EITHER STEEL SHEETS / PILES OR STEEL BOX SYSTEMS PROVIDING A SAFE ACCESS PLATFORM FOR ENTRY TO THE EXCAVATION VIA A GRP OR WOODEN POLE LADDER.**

The platforms are manufactured from grade S275 steel. The platform is designed to be lifted into place by an excavator and solid steel clamps with clamping bolts are provided to lock the system in position. MGF can supply suitable timber one piece leaning rung ladders in a variety of lengths for sale only.

## PRODUCT NOTES

1. Ensure that the platforms and ladders are not damaged or distorted and that the correct clamps are provided prior to use.
2. Always install the system from a position of safety. If working from an unsupported edge a full risk assessment should be carried out for the installation. Once clamped check platform cannot be lifted, slide or rotate.
3. Always ensure that bolts are fully tightened and panels sit square and plumb with the upper rail at a minimum 1.0m above ground level.
4. Avoid gaps between the panels that are greater than 120mm.
5. Always replace damaged platforms.
6. Laddersafe should only be fitted to MGF excavation support systems using the clamps specified. The customer must ensure that these support systems are installed in accordance with MGF guidelines and are sufficiently robust and stable to act as an effective edge protection support.
7. Always consult with MGF for suitability of the system for any specific installation. MGF Laddersafe must not be clamped to trench sheets less than 6mm thick (Type 1, 2, 3 & Mini Laddersafe units) or piles in pure cantilever or cantilevering more than 1.5m above a water rail / brace or 0.5m above ground level. In addition it is essential that the excavation support system (that the clamp is attached to) is installed robustly and fully supported by the ground (no voids / weak ground present).
8. Take care when handling and storing on site as the gate and rails can be easily damaged. Always stack on timbers and lift using the lifting shackles provided.
9. The platform and ladder are to be used by one person at a time. Do not store plant and equipment on the platform, support services or attempt to carry equipment down the ladder.
10. Ensure the ladder is adequately footed, securely lashed to the pole rest and extends at least one rung above the pole rest.
11. Ladders must be installed at a safe angle of inclination between 65° and 75°.



## TYPE 1 LADDERSAFE (TRENCH BOX / TRENCH SHEET)

The trench box / trench sheet laddersafe is designed to fit onto all 60mm - 110mm thk. MGF trench boxes and manhole boxes. It can also be used on ER 750/8, FKD 400/6, KKD 600/6 and KKD 600/8 Trench Sheets.

This laddersafe unit also features slots for platform extension units when used with MGF bracing frames.



Product ID	Clamp Jaw Gap	Weight
	(mm)	(kg)
4.301	<b>50 - 120</b>	<b>156</b>



## TYPE 2 LADDERSAFE (DRAG BOX)

The drag box laddersafe is designed to be installed on the back end of the drag box (i.e. not the cutting edge end). The cut out in the clamp fits around the rear strut pocket.

Product ID	Clamp Jaw Gap	Weight
	(mm)	(kg)
4.302	<b>50 - 120</b>	<b>166</b>

## TYPE 3 LADDERSAFE (INTERLOCKED SHEET PILES)

The Type 3 Laddersafe units are specifically designed for use on heavy duty interlocking sheet piles. The clamp uses 2 bolts to secure the Laddersafe onto 3 successive sheet pans. The Type 3 range will fit onto all MGF GU and PU sheet piles.



Product ID	Clamp Jaw Gap	Weight
	(mm)	(kg)
4.303 / 4.3035	<b>300 - 440 / 300 - 485</b>	<b>277 / 300</b>

## POLE DETAILS



The pole is detachable to enable it to be used on either side of the Laddersafe platform, depending on orientation of ladder. Poles are available in 500mm and 750mm lengths.

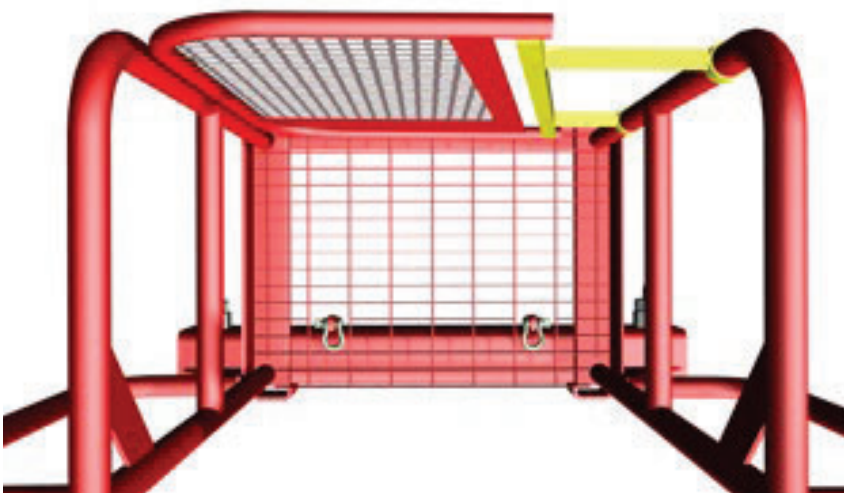
## PLATFORM EXTENSION DETAILS

For use on Type 1 Laddersafe platforms when installed on braced cofferdams. When using the platform extension the 750mm pole should always be supplied.

The 350mm platform extension (weight = 25kg) slots into pockets welded to the front of the clamps and is secured in place using 2 No. M16 set screws.



## LIFTING SHACKLE DETAILS



2 No. 2t bow shackles are attached to the platform for lifting. When not in use the bow shackles lie in a recess beneath the open steel flooring.



## MINI LADDERSAFE



Smaller and lighter than Type 1, 2 & 3 Laddersafe units, MGF's Mini Laddersafe is suitable for smaller excavations. Features include back levelling jacks, for increased stability; integrated restraint bar for additional safety whilst installing / removing the ladder and a hinged flooring for ease of access to the clamping bolts.

It is suitable for use with all steel trench sheets (MGF recommend doubling up the sheets local to the clamp when using BS sheets and FKD 400/6 sheets) and all 60mm-110mm thk. MGF box systems. It is suitable for use with walers / brace up to and including 203UC.

Product ID	Clamp Jaw Gap	Weight
	(mm)	(kg)
4.365	0 - 125	100

### FOR SAFE SYSTEM OF WORKS GUIDANCE FOR MGF MINI LADDERSAFE:

[mgf.ltd.uk/installation-guidance](http://mgf.ltd.uk/installation-guidance)



Standard Trench Sheets



FKD 400/6 Trench Sheets



KKD 600/6 & 600/8 Trench Sheets



ER 750/8 Trench Sheets



L8 Trench Sheets



FLP 600/3.5 & 600/6 Trench Sheets