

From TechMRO Inc., the makers of **XtendSafe™** and **StrikeSafe™** Tools

Create the gap. Keep hands out.

WedgeSafe™ creates an initial controlled gap between stacked sheets, light plates and other stable materials — without workers placing their fingers near the pinch point or reaching for short, improvised pry tools. Its long, high-visibility fiberglass shaft lets the operator work from a safer standing distance, with the operating handle deliberately positioned away from the wedge head to keep both hands outside the immediate line-of-fire zone.

THE HAZARD

Separating closely stacked sheets and plates often leads workers to use:

- Fingers and hands
- Loose pieces of metal
- Screwdrivers and chisels
- Improvised tools
- Short crowbars

These practices place the hands close to sharp edges, stored energy and closing surfaces. A sudden shift can result in pinch, crush or cut injuries.

THE WEDGESAFE SOLUTION

WedgeSafe introduces a purpose-designed polycarbonate wedge from a safer working distance. The tapered head creates the initial clearance required for an approved spacer, clamp, dunnage piece or handling accessory.

The human hand should never be used as the wedge.

PRODUCT — ONE TOOL · THREE LENGTHS



Machined Polycarbonate Wedge Head



High-Visibility Fiberglass Shaft

Lengths 24" · 36" · 48"

TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Product Name	TechMRO WedgeSafe™
Product Category	Long-Reach Sheet and Plate Separation Tool
Available Lengths	24" (610 mm) · 36" (915 mm) · 48" (1220 mm)
Wedge-Head Material / Colour	Machined Polycarbonate — Black
Shaft Construction / Colour	High-Visibility Fiberglass — Safety Lime
Operating Mechanism	Remote Sliding-Action Handle
Hand Protection	Integrated Mid-Shaft Hand Guard
Rear Control	D-Handle
Country of Manufacture	India

Specifications may be revised as part of TechMRO's continuous product-development programme.

KEY FEATURES

Machined Polycarbonate Wedge

Tapered black polycarbonate head creates controlled initial separation without introducing a sharp metal blade.

Controlled Two-Handed Operation

Mid-shaft operating grip and rear D-handle provide control while positioning, operating and withdrawing.

Safer Working Distance

Extended fiberglass shaft keeps the operator's hands and body away from the immediate pinch point.

High-Visibility Construction

Safety-lime fiberglass shaft is easily identifiable in industrial working areas.

Remote Operating Position

Operating handle and hand guard sit around the middle of the shaft — not immediately behind the wedge head.

Reduced Improvisation

A task-specific alternative to fingers, screwdrivers, chisels and short pry bars.

IN OPERATION



HOW TO USE — FIVE STEPS

1

ASSESS & STABILISE

Confirm the stack is stable, properly supported and protected against uncontrolled movement.

2

POSITION THE HEAD

Introduce the tapered head at an accessible outer edge. Keep all body parts outside the pinch zone.

3

CREATE SEPARATION

Use the rear D-handle and remote operating handle to create only the clearance required.

4

INSERT ACCESSORY

Position the approved clamp, spacer or dunnage without hands entering the opened gap.

5

WITHDRAW & INSPECT

Remove WedgeSafe in a controlled manner and inspect it for damage before its next use.

IMPORTANT SAFETY LIMITATIONS

SEPARATION TOOL — NOT A PERSONNEL-PROTECTION SUPPORT

- Never use WedgeSafe for lifting or jacking, or as permanent cribbing or load support.
- Never place fingers, hands, feet or any body part inside the opened gap.
- Never work beneath a suspended or inadequately supported load.
- Never use on rolling, unstable or unrestrained materials, or beyond tested operating capability.
- Do not strike the polycarbonate head with a metal hammer unless specifically approved.
- Inspect head, shaft, fasteners, handle, guard and D-handle before every use; remove damaged tools from service.
- Complete a task-specific risk assessment; use only by trained personnel wearing required PPE.

TYPICAL APPLICATIONS

STACKED STEEL SHEETS

ALUMINIUM SHEETS & LIGHT PLATES

ACCESS FOR PLATE CLAMPS

CLEARANCE FOR SPACERS & DUNNAGE

MAGNETIC & MECHANICAL HANDLING PREP

SHEET-METAL PROCESSING

STEEL SERVICE CENTRES & STOCKYARDS

TRANSFORMER & ELECTRICAL MANUFACTURING

HEAVY-ENGINEERING WORKSHOPS

CREATE THE GAP. KEEP HANDS OUT.
THE HAND IS NEVER THE WEDGE.

Show us where the hand enters.

Using hands, screwdrivers or crowbars to separate materials? Share photos or a short video of the task — we'll review the application and recommend the right hands-off tool.

TechMRO

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