



Iron Lot is proud to offer the

**Kundel Titan Series** of Trench Boxes.

More information can be found on our website:

[ironlot.com/Trench Boxes.html](http://ironlot.com/Trench%20Boxes.html) or by calling: 336-516-8011

# 1 CONTINUOUS ALL STEEL MEMBERS

The Titan comes standard with continuous-vertical steel end-tubes and internal pounding members. Each member is solid welded for maximum durability, reinforcing the driving zone.

# 2 INSIDE STACKING SYSTEM

An inside stacking system allows workers to connect two shields together without having to step outside the shield.

# 3 PROTECTIVE INTERNAL SHELVING

The internal shelving system is a byproduct of a "bend and form" steel sidewall design. Unique to Kundel systems, internal shelving provides workers with a place to store expensive tooling and material (not circled).

# 4 EXCEEDS OSHA STANDARDS

Titans are guaranteed to keep worker safe. Every design has been PE certified and exceeds OSHA standards (not circled).

# 5 THROUGH WALL SOCKETS

Through-wall sockets provide a compact and flexible spreader bar connection. Titan sockets are solid cast steel sockets that provide maximum socket durability and flexibility.

# 6 4x BALANCED LIFTING LUGS

Lifting is extremely important to Kundel Shields. Titan lifting lugs are designed close together for compact, controllable lifting. Closer lifting lugs allow for a shorter sling that in turn provides less stress on the excavator boom.

# 7 REINFORCED END TUBES

Titan steel sidewalls are bent and formed to provide a stronger, lighter design. A lighter design allows us to reinforce areas on the shield that take a substantial amount of ditch pressure and excavator abuse. End-tubes are one of the areas we reinforce.

# 8 REINFORCED POUNDING AREA

Internally reinforcing the pounding area protects the Titan from excavator damage.

# 9 POUNDING PADS

Pounding pads provide up to 1.5" of protective thick steel plating over the drive zone. Pounding pads also bridge together end-tube to the adjacent internal pounding member, giving maximum strength. The pounding area has been engineered and reinforced to take blunt excavator bucket force.

# 10 FLEXABLE DESIGN

Titans utilize a non-rigid design that enables each corner to move independently of one another. This feature greatly increases driving maneuverability (not circled).

# 11 HIGH TAPER BOTTOM

An 18" high taper bottom equals more room in the pipe zone. This extra room allows for a narrower shield and ultimately a narrower ditch. A narrower ditch saves money on expensive bedding material.

# 12 REINFORCED KNIFE EDGE

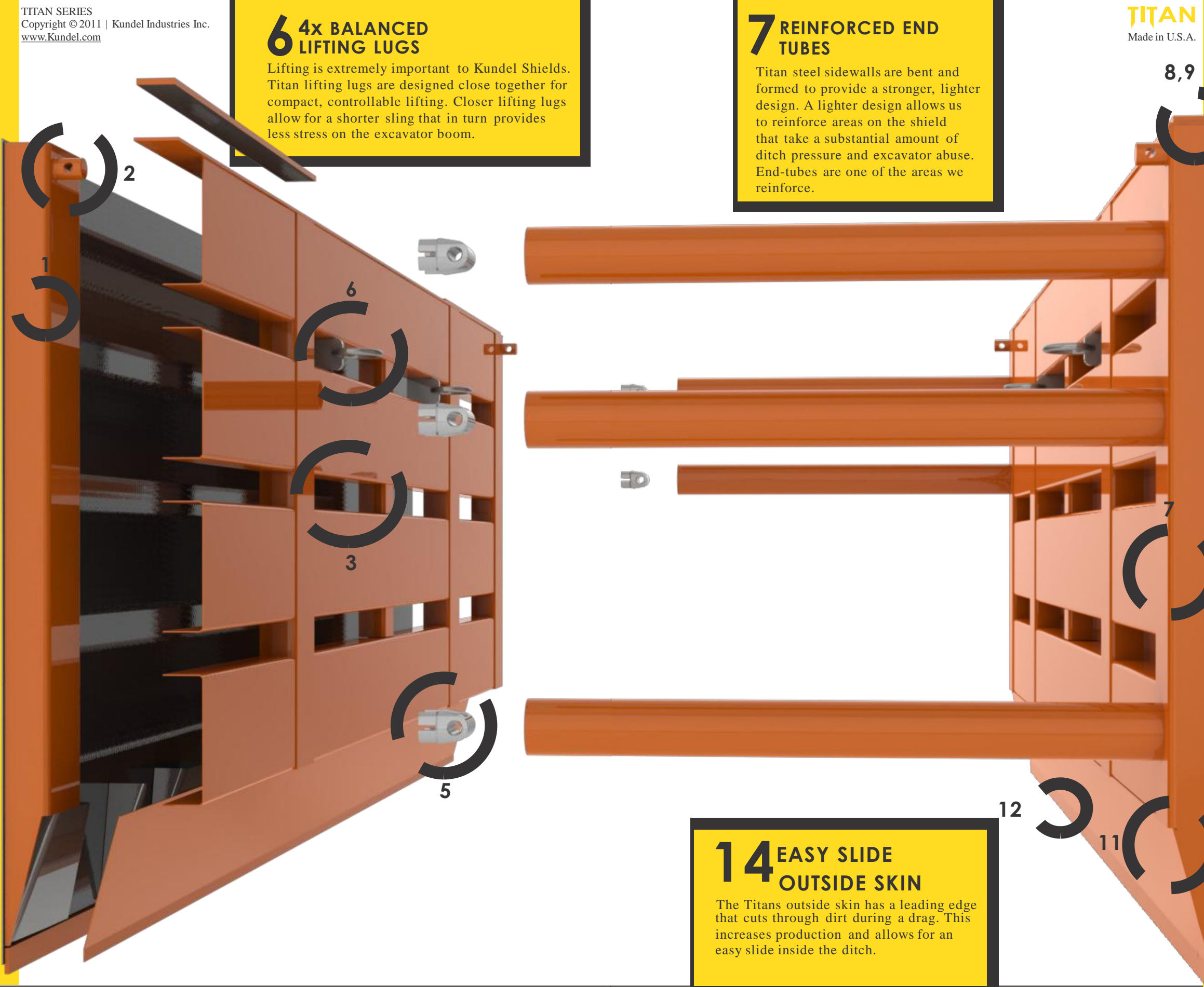
Another reinforced area is the knife-edge. The knife-edge is a solid steel cutting bar that travels the entire length of a sidewall and allows for faster production and a smoother drive.

# 14 EASY SLIDE OUTSIDE SKIN

The Titans outside skin has a leading edge that cuts through dirt during a drag. This increases production and allows for an easy slide inside the ditch.

# 13 SOLID WELDED

A Titan Shield is entirely solid welded for maximum durability. This feature greatly increases the life of the Titan (not circled).



# Titans 14 Design Features

These 14 design features come standard with every Titan

If you need trench engineering, we will provide it.  
If you have a custom job, we will use our best engineering to deliver you a solution.