

TECHNICAL DATA SHEET

The CHIKOUSA Trident Mount utilizes ground breaking piling technology. The Trident Mounts unique, patented, geometric configuration is the most advanced ground attachment on the market today. The Trident Mounts configuration makes it a superior choice to conventional footer systems, with 3 cylinder piles locking into the ground resulting in an unmatched bearing capacity and pull out capacity when compared to other same class footer options. Ease of installation and time of installation are two of the biggest benefits of the Trident Mount.

TRIDENT MOUNT

Install Site : Soil
Material : Q235 Steel
Length : 260mm
Treatment : Hot-Dip Galvanized
Use : Ground Attachment
Part# : CK-HT-103
Quantity : 1

TOP FLANGE

Install Site : Top of Trident Mount
Material : Q235 Steel
Treatment : Hot-Dip Galvanized
Length : 200mm
Use : Top Insert for Trident
Part# : CK-HT-105
Quantity : 1

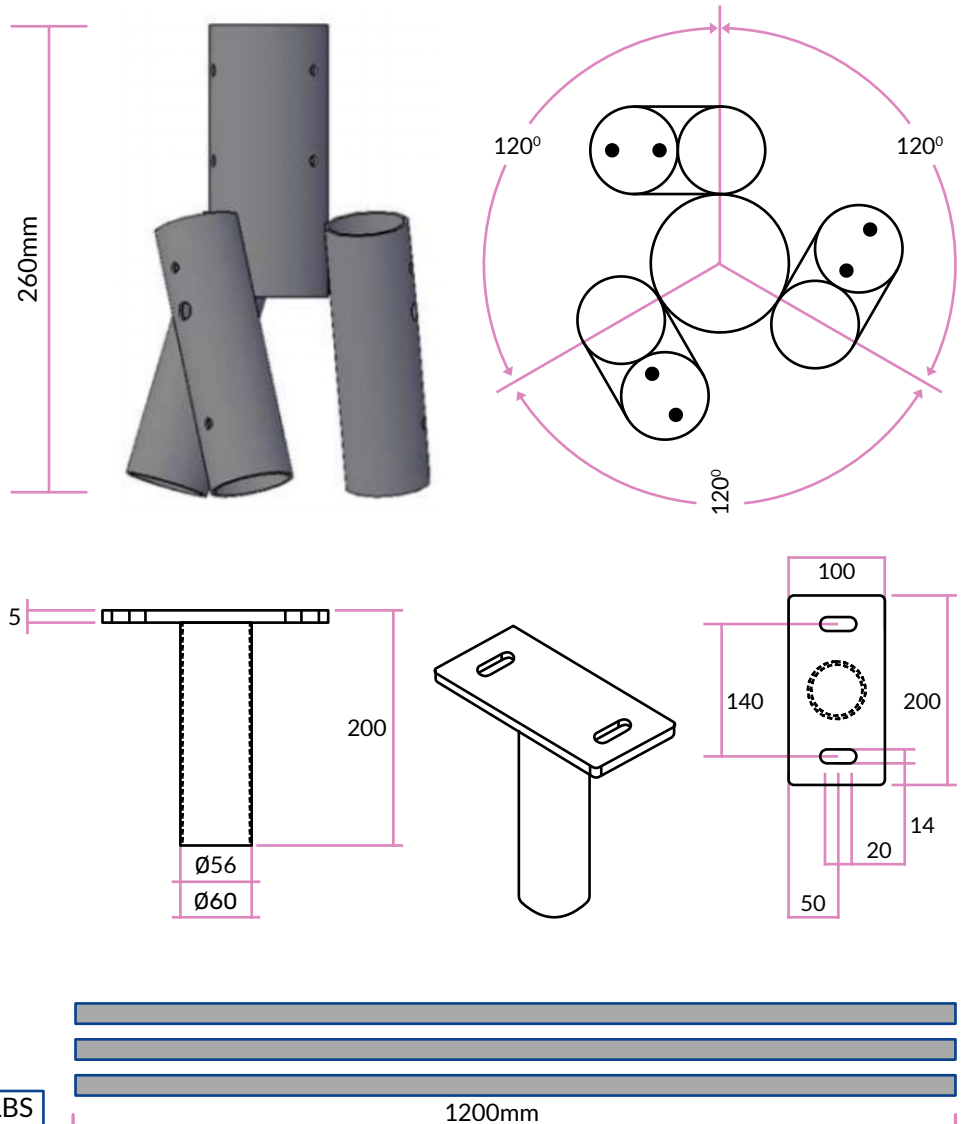
CYLINDER ROD

Material : Q235B Steel
Treatment : Hot-Dip Galvanized
Diameter : 40mm (exterior)
Length : 1200mm
Use : Ground Attachment
Part# : CK-HT-107
Quantity : 3

HARDWARE

M12 • 35mm bolt kit 2-QTY
Screws 6.3 • 25mm 12-QTY

Overall Weight of All Components: 22LBS



The Trident Mount has proven to be an easy and cost effective solution. The system can be used in a wide variety of soil types. The Trident Mount is fast and easy to install in most climates and geographic locations. Site disturbance is minimal and the mounts are removable, reusable, and recyclable. The superior geometric configuration of the Trident Mount supports both downward and uplift forces.

Sloping Sites: Eliminating the need for costly excavation and drainage on sloping sites which also prevents against erosion enabling the solar structure to run with the natural contour of the land.

Environmental Advantage: Minimal environmental impact (small footprint). Materials are non-polluting to the environment.