



ASTA CANTILEVER UMBRELLA



ASTA WINDRATING by FACET Consulting Engineers

400CM OCTAGONAL 60KPH
350CM SQUARE 60KPH

It is vital to note this rating only applies to your umbrella in the absolutely horizontal, non-tilted position and that installation is conducted as specified in this instruction sheet. Tilting the umbrella greatly increases its wind loading and the likelihood of wind damage, even with relatively low wind speeds.

The rating also assumes a constant wind without variable gusts and updrafts - it is entirely possible that gusting and rapidly veering winds could cause resonance that damages the frame at less than the rated wind speed.

It is recommended that your Asta be closed and the protective cover placed on during any extended period of non use. Protected in this way your Asta Cantilever Umbrella should provide shade and trouble-free service for many years.

WARRANTIES

Shelta warrants Asta free of factory faults for a period of:

Frame - 2 Years; Sunbrella Fabric - 5 years

IMPORTANT SAFETY INFORMATION

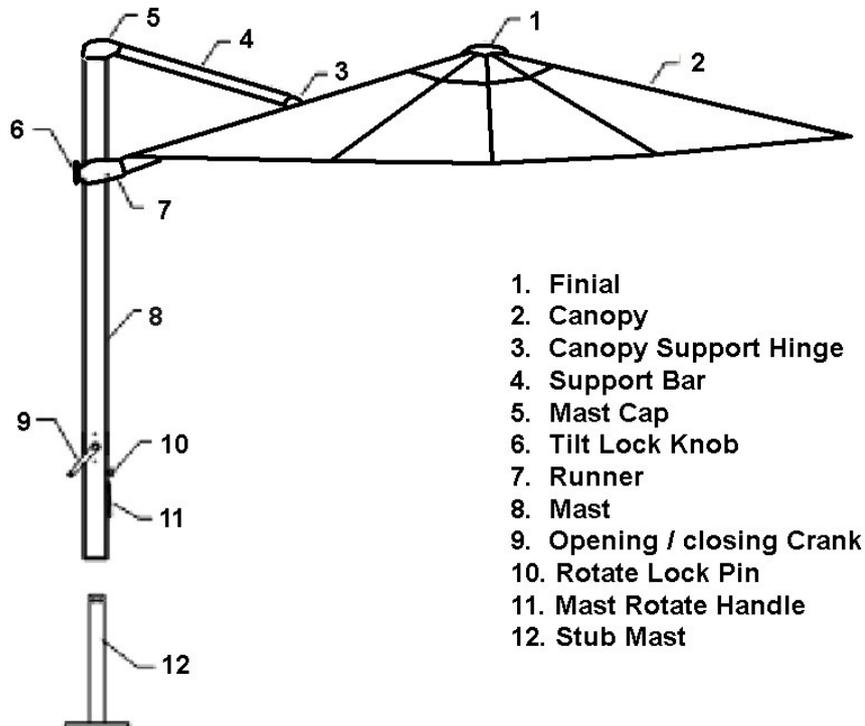
This umbrella is not a permanent shade structure and must be lowered when unattended or in windy conditions. Excessive wind puts stress on the frame, which can cause damage to the umbrella and danger to people. This umbrella is not recommended for exposed environments such as high balconies or roof tops. Do not install on sloping or soft ground. Please carefully read the following instructions; if in doubt, consult a qualified trades-person. Only use recommended Shelta bases or anchoring systems.

Installing Your Asta

Check that the carton includes the main umbrella assembly, the stub mast, the crank handle and the protective cover.

Read these instructions carefully and if still in doubt, please engage the services of a qualified builder or tradesman.

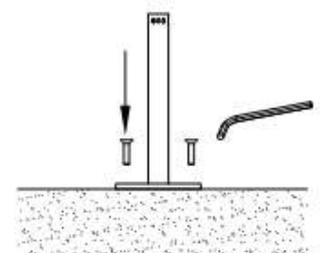
When considering a location for your Asta, remember to allow adequate clearance for the available 360° rotation around the anchor point - approximately 4.3 metres radius from the mast is required.



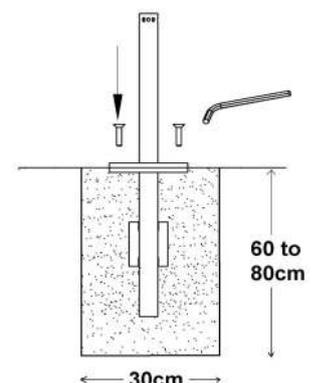
1. Finial
2. Canopy
3. Canopy Support Hinge
4. Support Bar
5. Mast Cap
6. Tilt Lock Knob
7. Runner
8. Mast
9. Opening / closing Crank
10. Rotate Lock Pin
11. Mast Rotate Handle
12. Stub Mast

Anchoring methods

1. Onground Anchoring - for securing to a completely level, quality concrete surface, at least 12cm thick and preferably steel reinforced.
 - a) Use the 4 holes in the Stub Mast flange (#12) as a template to mark the concrete surface for drilling 4 holes.
 - b) Use a 10mm masonry drill bit and drill the holes to 80mm deep.
 - c) If necessary insert galvanized washers under the flange to ensure the Stub Mast is vertical.
 - d) Secure the Stub Mast with 4 galvanized or stainless steel concrete fasteners, 10mm diameter and at least 75mm long, eg Ramset Dynabolt 10080HSS, Dynabolt 10075GH, Ankascrew AS10075WGM or Powers Blue-Tip BTCSK10075.
2. Inground Base Anchoring - for securing to other surfaces. Requires the purchase of the optional Shelta Inground Base and approximately 7 x 20kg bags of Post Hole Concrete Mix from your local hardware.
 - a) Attach the Stub Mast (#12) to the Inground base flange using 4 countersunk screws supplied with the Inground Base.
 - b) Dig a hole of 30cm diameter and 60 to 80cm deep in the required location.
 - c) Mix the concrete according to the manufacturer's recommendations.
 - d) While holding the base and stem in position, fill the hole with concrete.
 - e) Use a spirit level to ensure the Stub Mast is vertical.
 - f) Allow the concrete to cure for at least 4 days.
3. Timber Decks - to mount the umbrella on a deck, we recommend that you consult a builder or engineer to ensure that the Stub Mast is properly connected to a secure structure (eg a pair of 25cm joists).



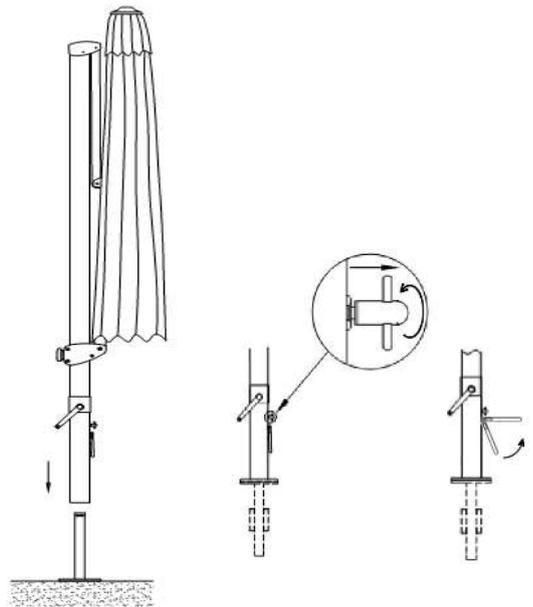
4 Concrete Fasteners
(not provided)



4 Countersunk Screws
(supplied with base)

Erecting the umbrella

1. Remove the umbrella / mast assembly from the box. Ensure the Rotate Lock Pin (#10) is removed from the mast.
2. A two person lift is necessary to place the lower end of the umbrella Mast (#8) over the end of the newly installed Stub Mast (#12). When the mast is vertical, gently lower it down the length of the stub mast.
3. Use the Mast Rotate Handle (#11) to rotate the umbrella to the required rotate position.
4. Fix in this position by inserting the Rotate Lock Pin (#10) through one of the 12 holes at the top of the Stub Mast. Ensure that the Rotate Lock Pin is held by the locking device on the side of the Mast.

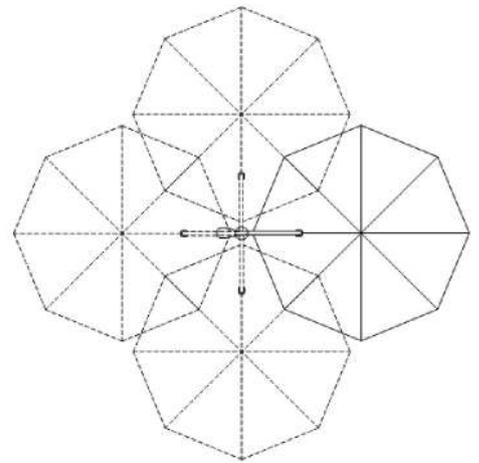


Opening Asta

Insert Opening / Closing Crank (#9) into the appropriate hole near the bottom of the mast. Rotate the Crank clockwise with the right hand. As the umbrella opens, move the Runner (#7) up the mast with the left hand. At the desired angle of tilt, lock the Tilt Lock Knob (#6) by rotating clockwise.

Important:

1. If on the initial rotation of the Crank there is resistance to opening, do not force. Gently pull the umbrella rib ends apart and outwards to ensure they are not tangled, then continue winding the crank.
2. Do not overwind the crank handle - stop winding when the canopy is fully open.
3. The umbrella may be rotated while open but be careful if the wind is tending to turn or lift the canopy.
4. In windy conditions, check the umbrella for excess movement and if necessary, adjust the slide so that the canopy is horizontal.



Closing Asta

Loosen the Tilt Lock Knob (#6) and slowly lower the runner while simultaneously turning the Crank (#9) anti-clockwise with the right hand.

When the umbrella is closed against the mast, secure the Velcro tie around the umbrella and mast to hold it closed.



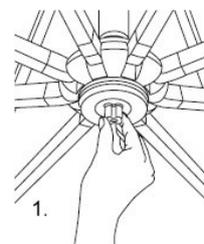
OPENING



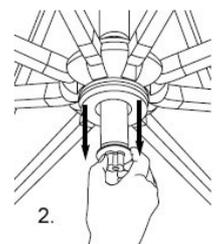
CLOSING

Additional Instructions

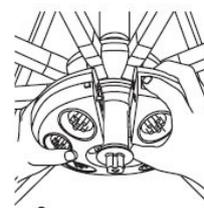
1. **Protective Sleeve.** When not in use, tie the fabric band around the umbrella and side-post, then slip the unzipped Protective Sleeve over the top of the umbrella.
2. **Optional LED light.** The central runner features a drop-down spigot to which the Shelta 'Flying Saucer' LED light may be attached.
3. **Safety.** Never leave the umbrella unattended while open. Weather conditions can change without warning and strong gusts of wind may cause the umbrella to fall over or to break away from the mounting.
4. **Sun Protection.** The fabric on this umbrella is rated at UPF50+ and provides excellent protection. However on high UV days there can be significant reflected sunlight from sources such as windows and water for which Shelta recommends the use of protective clothing and sunscreen.



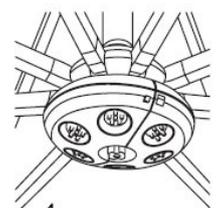
1.



2.



3.



4.

Attaching Shelta 'flying saucer' light

To ensure a long life for your Asta umbrella:



- Close the umbrella and cover with the Protective Sleeve between uses.
- Store in a dry, shaded location if not used for long periods.
- The umbrella should be hosed regularly with fresh water if exposed to salt spray or pollution.
- Soiling of the canopy can be minimised by simply brushing off dirt before it becomes embedded in the fabric or spot cleaning soon after stains occur. Fabrics may be treated with a fabric protector such as 'Scotchguard' for additional protection.
- Do not close or store the umbrella when wet; if it is necessary to close a wet umbrella in stormy weather, remember to open and dry the canopy as soon as weather conditions allow.
- Every 6 months spray the base plate with WD40 or deoderised fish-oil.
- Regularly check that the base plate is properly secured.

Warranty

Shelta warrants the frame of this product against manufacturer's faults for a period of 2 years from the date of purchase. Shelta repairs or replaces at our option.

Warranty does not cover:

- Damage caused by inadequate installation or inappropriate use
- Wind or other accidental damage
- Damage to fabric cover
- Normal wear and tear
- Commercial use
- Transport costs

Leaving the umbrella open in windy conditions voids the warranty.

Additional Information about this Warranty

In all cases the Shelta Warranty excludes normal wear and tear, wind damage, commercial use, use of unreasonable force, failure of reasonable care, failure of maintenance (as set out in detail below for each product), and incorrect assembly by the customer. The Shelta Warranty applies only to the original purchaser from the purchase date, and only covers (subject to the terms set out below) manufacturing faults or defects which occur in normal domestic use. Where a claim is made pursuant to the Shelta Warranty Shelta Australia will, at their discretion repair, refinish, replace, replace with a similar product or refund the product. Only the failed item will be replaced, not a complete setting. The Shelta Warranty period is not extended in the event of a replacement. In the event of a refund, it will be for wholesale price only. The balance of the retail price will be the responsibility of the retailer. In the event of a Shelta Warranty claim, please return the item to the store where purchased, with the original tax invoice. If the retailer cannot accept return of the product, please return to Shelta Australia at the address below. For residents outside Sydney, phone Shelta at the number below. Where the item is returned to Shelta Australia the purchaser must include the original tax invoice. The purchaser must also bear all costs associated with shipping the product to Shelta Australia and the return freight. The purchaser must also provide details of the problem with the product (such details must be sufficient for Shelta Australia to determine whether the Shelta Warranty applies).

Consumer Guarantees

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Such guarantees may include the right to a remedy from Shelta Australia if our products are not of an acceptable quality or do not match any demonstration model or sample (as those terms are defined in the Competition and Consumer Act 2010 (Cth) (CCA). Shelta Australia will not be liable for any act, default, omission or representation made by any person other than our employees, alterations made to the product not performed by us, damage or defects due to unusual or non-recommended use, or damage or loss caused by any factors beyond our control.

Shelta Australia's total liability in respect of a claim by a consumer under the CCA for a minor problem (as defined in the CCA) with a product is limited, at our option to, providing the consumer with a refund, replacement product or repairing the product.

Subject to the above paragraphs, all express or implied representations, conditions, statutory guarantees, warranties and provisions (whether based on statute, common law or otherwise), relating to this warranty, that are not contained in it, are excluded to the fullest extent permitted by law.

Nothing in this warranty excludes, restricts or modifies any condition, warranty, statutory guarantee, right or remedy, implied or imposed by common law, statute or regulation, which cannot be lawfully excluded, restricted or modified.

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