



# KOTZUR

## SCREW FLIGHTING SERVICES



A family  
owned  
Australian  
business



### APPLICATION

Kotzur has the technology and knowledge to be able to produce sectional flights to suit a wide variety of industries.

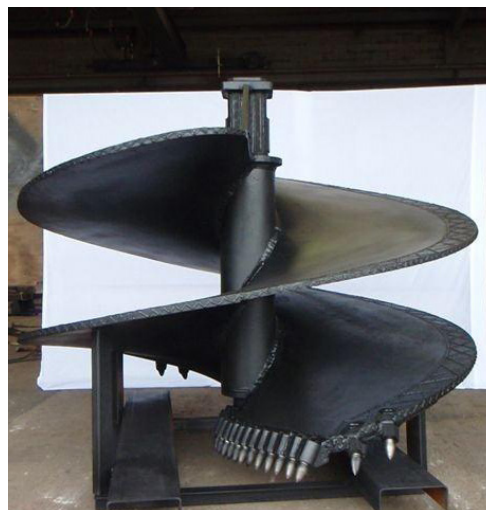
Sectional flights are individual 360° sections of helices or flights formed from flat plate. These individual sections are then welded together to form continuous flights for conveyors or augers or any machine with a screw flight requirement.

### FEATURES

- High quality, true form helix flights with uniform joints lowering fabrication costs.
- Parts are issued ready for fabrication.
- Helices are made out of cold formed metal and not heat treated, maintaining physical strength.
- Ability to produce stainless steel flights, contamination free and mark free.
- Ability to produce canted/angular flights, these flights are commonly used in equipment like decanters, centrifuges, etc.
- Kotzur quality screw flights are suitable for:
  - Screw conveyor
  - Thermal screw conveyor
  - Screw press
  - Drilling augers
  - Mining equipment
  - Screw piles
  - Snow blowers
  - Spreaders
  - Food processing equipment

## SPECIFICATIONS

|                        |  |
|------------------------|--|
| <b>Materials</b>       | Mild steel, carbon steel, stainless steel, AR plate, vauitid wear plate                              |
| <b>Helix Diameter</b>  | Up to 1350mm, down to 75mm   |
| <b>Plate Thickness</b> | Up to 32mm   |
| <b>Variations</b>      | Constant pitch, variable pitch, tapered OD, tapered ID, square flange, shaftless screw, mixer ribbon |



**WARRANTY** - Kotzur Pty Ltd are confident in the quality of the products they design, manufacture and supply.

The following warranties apply:

- Structures including footings, elevator towers, walkways, silos etc - 5 years.
- Mechanical equipment including conveyors but excluding drive motors - 12 months.
- OEM equipment including drive motors and gearboxes - supplier warranty (generally 3 months).

This guarantee covers faulty design, engineering and workmanship; however this does not include problems arising from factors over which Kotzur has no control. These factors include footings constructed by others, negligent damage, unintended use of products, poor maintenance or care, normal wear and tear. Equipment manufactured by others and brought in by Kotzur Pty Ltd (e.g. Silo unloaders, aeration equipment) carry their respective manufacturers warranty. Please note this warranty excludes consequential losses.

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