



## BTM Equipment, INC dba TK EQUIPMENT

14419 Atlanta dr  
Laredo, TX, 78041  
Tax ID: 33-1173226

## HOW TO

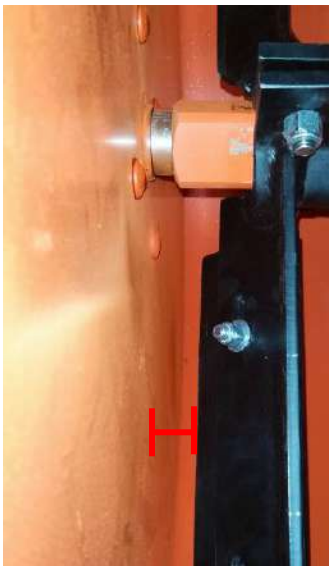
Contact: Octavio Chavez  
✉: [manager@tkequip.com](mailto:manager@tkequip.com)  
☎: (956) 796 9411  
📠: (956) 462 2500

### HOW TO: ADD/REPLACE A SPIRAL BLADE

1. Remove old spiral kit or in case of replacing paddled for a spiral kit remove all paddles rubbers, and hardware and leave the drum just with the main shaft.
2. This is how you will find a assembled spiral blade:



3. The spiral blade kit consist in 3 body parts 2 spiral ends and the main spiral body in the center.
4. Make sure you start by installing both spiral ends on the mixer and it is important you leave a gap between the drum ends plate and the spiral steel blade no more than  $\frac{1}{2}$ ".  
**Do not tighten bolts at this point.**





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5. Proceed to install one side of the center spiral body and proceed to adjust the spiral ends in order that you can attach all 3 sides of the spiral kit using the spiral body bolts



6. Make sure everything is perfectly aligned. Use just one bolt not tighten to make alignments on the spiral body after finding the perfect position proceed to fasten the bolts.





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7. Install second half of the center spiral body into the center spiral body half that you place on **step #5**. Install the long bolts at this point proceed to align all spiral blade kit parts and proceed to tighten all bolts starting from the center to the 2 ends.



8. Make sure you leave a gap on both ends from the spiral steel blade and the drum plate ends to avoid drum wear.







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9. You will have you complete mixer with spiral kit.

### PADDLES BLADES



### SPRILA BLADES



### Benefits of Spiral Blades:

- 30% faster mix
- Less splash – reduces cleanup and increases capacity.
- No contact with the drum – reduces drum wear.
- No rubber blades – reduces maintenance.
- Improve mixing for color additives and dry mixes.
- Small rocks can be added into the mix.
- For hydraulic mixers you can you're the options forward & reverse.