

# CLEANING SOLUTIONS FOR IBC TOTES

## How much time and water does it take to clean IBC totes?

Our IBC Cleaning Station system is available in two different models with two different types of cleaning head.

### THE BASIC MODEL

- Low 3 bar pressures
- Low impact
- Longer cleaning times
- Less water efficient



Ebara  
 EVMS-K 1-3-5  
 Pump



RSB 25  
 Spinner  
 Cleaner



Standard  
 IBC Lid &  
 Lance

### THE ADVANCED MODEL

- High 5 bar pressures
- High impact
- Quick cleaning times
- Water efficient



Ebara  
 EVMS-K 1-3-5  
 Pump



Orbitor  
 Eco Rotary  
 Jet Cleaner



Standard  
 IBC Lid &  
 Lance

The main factor that affects cleaning time and water usage is the residue.

### TOUGH RESIDUES

For tougher residues, the Orbitor Eco Rotary Jet cleaner from the advanced model will massively outperform the RSB 25 in terms of speed and water usage.



## MEDIUM RESIDUES

For a moderately tough residue, the basic model could take 10 minutes to fully clean the IBC with a flow rate of 58 l/min, meaning it will take 580 litres to fully clean the tank. That same residue could be cleaned in 5 minutes with the advanced model. It has roughly the same flow rate, so it will clean with half of the water and time.

## LIGHT RESIDUES

The water usage and time could be halved for an extremely light residue that's easily soluble; the basic model would take 5 minutes and 290 litres per IBC. The advanced model would take 2.5 minutes at 145 litres per IBC.

So, the advanced model is twice as fast and twice as water efficient, but it does come at a higher price tag.

It's important to note that, for very light residues, the RSB spinner cleaner may be the most efficient; the rotary jet cleaners must operate for a certain amount of time to complete a full cleaning cycle. If they run for anything less than 2 minutes, parts of the IBC could be missed, because the cleaning jets won't have been brought to bear on each part of the IBC. This means they're going to use a minimum of 116 l/min, (2 minutes at 58 l/min), to clean any given tank.

The spinner cleaner has no such limitations and will give a complete coverage instantly so if it can clean the IBC in under 2 minutes - if the residue is light enough for it to do that - then it becomes the most water efficient option.

**Next article: What are the 4 main problems with manually cleaning IBCs?**

