

## Agitator Drum



### **A technological advancement in mixing viscous liquids**

The Agitator Drum is a standard steel drum, modified to accept single and double bladed agitator assemblies, which are welded to an operating rod mounted on brackets attached to the drums ends. Agitator drums can be operated through a center fitting which is plugged during shipment.

- The Agitator Drum is available as a standard large tight head steel drum and a large open head steel drum.
- The Agitator Drum, manufactured by Greif in the US and the UK, brings a technological advancement in paint mixing.
- Used widely in the US coatings market, the Agitator Drum offers precision in cross mixing to give consistency throughout the batch.
- The blade itself has a socket in the bottom which allows the mechanism to fit over a welded pivot pin attached to the center of the drum base. It therefore rides very close to the bottom, enabling full blending of all settled pigments.
- Using a scientific approach, the Agitator Drum creates a vortex effect to give a more accurate overall finish than traditional paint mixing methods like hand blending. Tests show that the drum can restore even heavily pigmented material to laboratory conditions.
- Due to these properties, the agitator drum is also effective for the adhesives, sealants and lubricants industries.



# Agitator Drum

## Standard Greif specifications

### Steel

Commercial grade steel sheet. Specification according to ISO3573 and ISO3574 or equivalent standards (i.e. EN10130/EN10131).

### Closures

2 X G2 Tri-Sure® Closures in lid allowing filling and pumping. G2 Tri-Sure® Closure at the base of the drum allows easier emptying.

### Construction

- **Body:**  
The construction of the drum integrity is assured by welding all of the key components into place to reduce the risk of failure in operation.
- **Standards:**  
ISO15750 for tight head drums or equivalent standards (i.e. EN210).
- **Features:**  
Double paddle resulting in all of product being mixed. A full range of Air and Electric motors are available.

### Principle

The drum principle works on a vortex effect which ensures a thoroughly mixed product time after time. Tests show that the drum can restore heavily pigmented products back to laboratory conditions.

### Internal lining

The drums can be supplied with either an internally plain steel or can be coated using the Greif high quality RDL® coating in epoxy phenolic or phenolic applications. Greif offers its customers technical assistance in determining the ideal lining for their purpose from our range of standard, globally controlled, linings. See Greif's leaflet "RDL®, Greif's Universal Regular Drum Lining System".

### Exterior paints & decorations

Colours according to the Greif RAL standard range (or to special customer specifications). See Greif's leaflet "Colours and Decoration".

- **Options:**  
Multi-colour, silk screen decorations and labelling.

### Transportation

Greif drums are tested by independent experts, in order to comply with UN recommendations and transport regulations such as RID/ADR/IMDG/ICAO.  
Our steel drums are among the safest packages to transport dangerous goods of Group I, II and III.

RDL and Tri-Sure are all registered trademarks by Greif.



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