

# DEEP DRAW DRUM

Dings Deep Draw Drum

(shown with optional frame and drive)



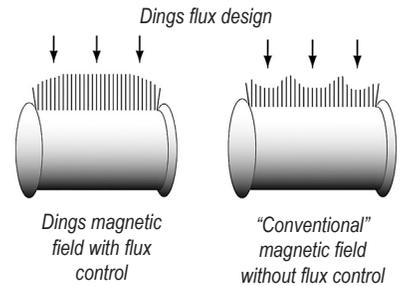
- ★ **Lifetime Guarantee** on magnetism
- ★ Heavy-duty, high-volume ferrous recovery
- ★ Permanent magnetic self-cleaning separator
- ★ Choice of axial or radial pole designs
- ★ Drums can be fed multiple positions

- The Dings Deep Draw Drum's permanent magnet design outperforms electric-powered models in a number of important ways, it **always** operates at top efficiency and maintains a constant magnetic strength throughout the day.
- Internal magnet assembly is adjustable so that the drum can be fed multiple positions.
- Magnetic adjusting arm to rotate the magnet counterclockwise or clockwise to adjust the magnetic arc position.
- Outer shell has a thick manganese wear cover which can withstand continuous pounding by a steady flow of heavy objects and extends the life of the drum.
- Permanent magnet design eliminates costly downtime.
- Weatherproof, dust tight construction eliminates moisture in the drum.
- Only maintenance needed is periodic lubrication of the bearings - no cooling oil to fill or maintain.
- Optional frame and drive models are available.
- Sizes up to 6 feet in diameter, but can custom design to meet your specific requirements.
- Dings Flux Control (DFC) circuit allows the drum to sized more efficiently for significant cost savings.
- Dings Deep Draw Drums are designed with the highest grade of ceramic magnetic material (Ceramic VIII) encapsulated in stainless steel.

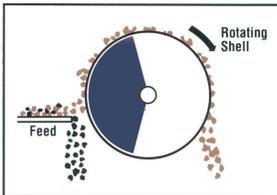
## LIFETIME WARRANTY ON MAGNETISM

Dings Magnetic Drums are designed with Dings Flux Control (DFC) Circuit, which eliminates leakage that other "conventional" magnet circuits have by strategically placing blocking magnets between the magnetic poles.

- DFC circuit improves the overall strength of permanent magnets in three ways:
  1. The magnetic field is stronger
  2. The magnetic field extends deeper
  3. The magnetic field pattern is more uniform

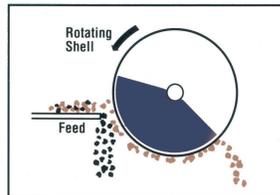


## FEED ARRANGEMENTS



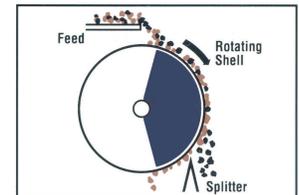
### Up & Over Feed

Ferrous is lifted out of the burden and carried up and over the magnet while the non-ferrous material drops off the feeder. This feed arrangement minimizes the amount of entrapped non-ferrous material and produces a clean ferrous product.



### Down & Under Feed

This arrangement has the shortest and most direct transfer area for the ferrous and is often recommended for material with large and heavy pieces of ferrous.



### Top Feed

Often used with ferrous material that is weakly magnetic or with feed that contains non-ferrous pieces too large to pass through a reasonable gap.

● **Call Us For Expert Support of Dings Co. Magnetic Group Equipment - Regardless of Its Age**