

















## Dings Design Produces Substantial Cost Savings

### MINIMAL OPERATING COSTS AND MAINTENANCE

Since the magnet in the Deep Draw Drum is nonelectric, it costs nothing to operate. The permanent design also eliminates expensive downtime, since there are no electro coils to burn out and no rectifier, generator, or switch gear which may require service. Moisture inside an electro drum can cause electrical problems; a Deep Draw Drum is so resistant to moisture that it can operate in a wet environment, and can even be hosed down.

No cooling oil is required, which means there's no need to monitor the level, add oil, or check for leaks.

The only maintenance needed on the Deep Draw Drum is periodic lubrication of the bearings.

The wear cover on an electro magnet is subject to uneven use and may need to be replaced more often. Since the magnetic field is nonuniform, contacts against the wear cover are concentrated in narrow bands that correspond to the poles of magnetism. These bands become areas of accelerated wear on the electro drums, causing more frequent replacement.

### NARROWER, LESS EXPENSIVE WIDTH CAN BE USED

The uniform field on a Dings drum allows it to be sized more efficiently for significant cost savings. A Dings magnetic drum with flux control can have a narrower face, identical to the width of the feeder. An electro drum or permanent drum without

flux control must be considerably wider than the feeder because of low magnetic strength near each end. Consequently, a larger investment is required for such a drum compared to the narrower flux control drum.

### PROVIDING SEPARATION SOLUTIONS SINCE 1899

Dings Co. manufactures a full line of magnetic separators for ferrous and nonferrous metals, including rare earth eddy current separators for recovering aluminum.

To help you with your application, Dings Co. has sales engineers located at our manufacturing facility as well as local representatives throughout the U.S. and Canada. They can select and size a Dings magnet to your exact requirements.

**Contact us to discuss your application**



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