

TORQUE MASTER GRINDING SYSTEM

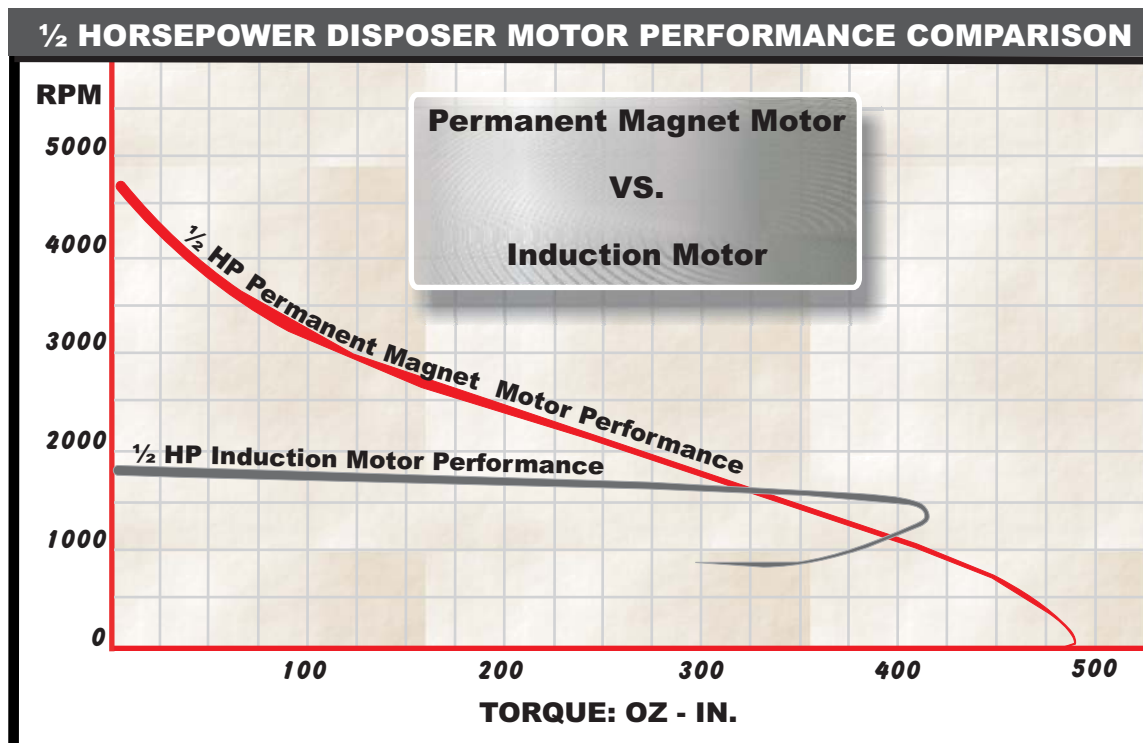
The **TORQUE MASTER**® Grinding System is an **EXCLUSIVE** feature.

This unique system is a combination of computer designed and balanced components, working in unison to provide superior torque and grind speed.

The precision balanced turntable and armature provide quieter operation, less vibration and longer system life.

This exclusive system features:

- High Speed, High Torque Permanent Magnet Motors
- Balanced Armature Shaft
- Balanced Turntable
- All Stainless Steel Grinding Components
- Stainless Steel Armature Shaft
- Corrosion Proof Grinding Chamber
- Laser Sharp Cutting Ring
- Quieter Operation



The speed of an **induction motor** is basically a **constant speed** motor up to it's peak horsepower point. Beyond that point, torque and speed decrease and no more useful work can take place. On the other hand, a **permanent magnet motor** is a variable speed, **load sensitive** motor that optimizes it's speed to the load being ground, meaning the bigger the load, the better the performance. As speed decreases under load, torque increases, even beyond the peak horsepower point and useful work continues to take place.