

Husqvarna Dual Drive Technology™.



Dual Drive Technology™ is an exclusive and patented twin motor drive system, revolutionising low-maintenance, gear-driven planetary head rotation system. Available only with the Husqvarna PG 820 and PG 680.

Dual Drive Technology™ allows the operator to selectively control speed or direction of either the planetary head or the discs – resulting in unlimited potential speed and direction combinations.

The Husqvarna PG 820 and PG 680 offer the operator the freedom to set their machinery to counter-rotate for polishing applications and also enables you to choose to set both systems to rotate in the same direction for aggressive cutting. These genuinely multifunctional machines with multiple benefits are for the modern polishing and grinding operator.

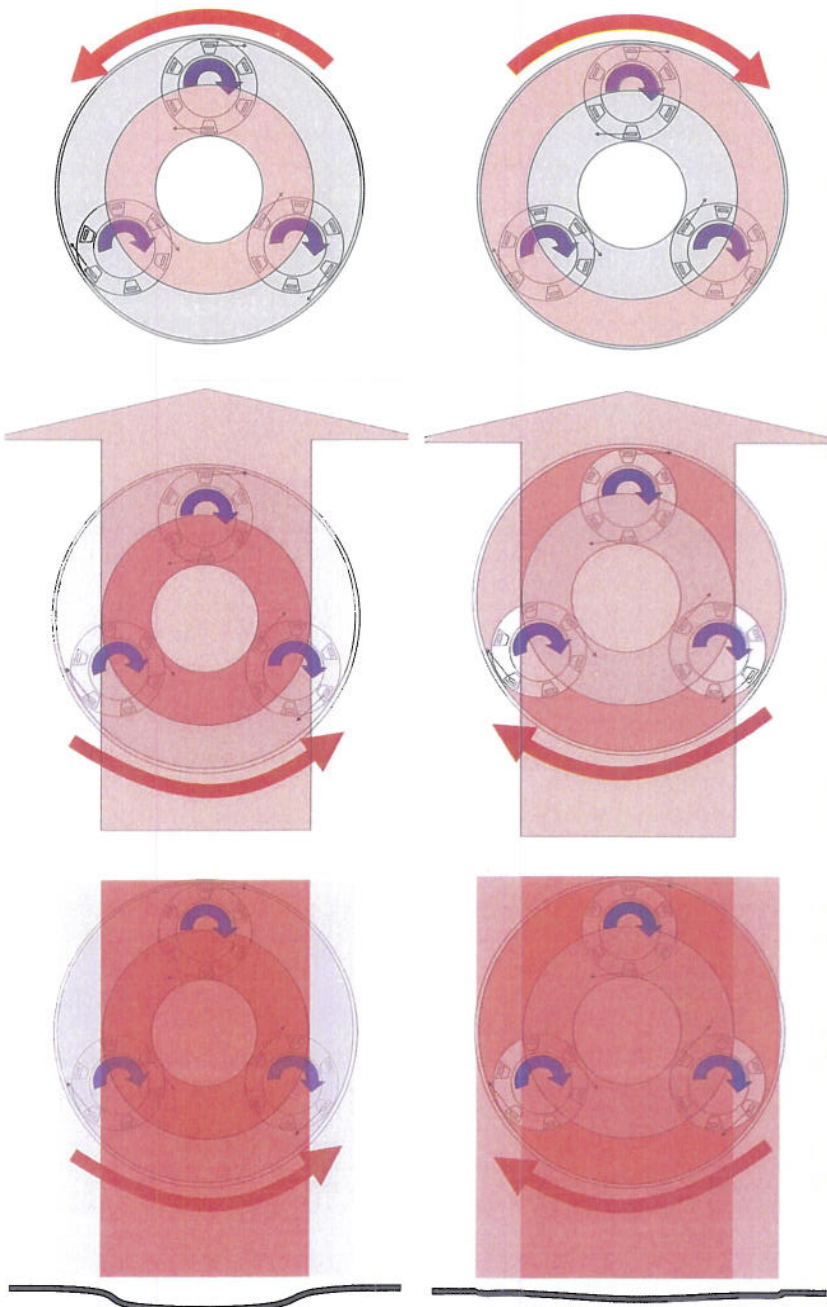
- Enables the operator to optimise the grinder for each application.
- Individual speed and direction control for both planetary head and satellite discs.
- Same direction of rotation creates more friction on diamond tools delivering wider width of grinding and higher productivity.
- Opposite direction of rotation create less friction on diamond tools delivering less powerful grinding effect and easier handling.

A) COUNTER ROTATION OBSERVATION:

When the machine is moved forward, the “middle zone” is ground more thoroughly (twice) than the “outer zones.” The end result is a deeper cut through the “middle zone” and a shallower cut in the “outer zones.” It is a direct result of where the diamonds have been spending their time.

B) SAME DIRECTION ROTATION OBSERVATION:

When the machine is moved forward, the “middle zone” is still ground more thoroughly than the “outer zones”, but not as much as in the case of counter rotation. The end result is still a deeper cut through the “middle zone” when compared to the “outer zones”, but it is less pronounced than in counter rotation.



A) Counter rotation.

B) Same direction rotation.