

Performance Characteristics

Driven Rotary Tool - DRT / Power Rotary Tool - PRT



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Driven Rotary Tool - DRT

For cutting textiles and industrial fabrics.

Max. cutting speed 1000 mm/40" per sec.

Accommodates all Zünd decagonal rotary blades.

Choice of two rotation speeds:

- High: 20,000 RPM
- Low: 12,000 RPM

Optimized for single-ply cutting.

Limited capacity for multi-ply applications or thicker fiberglass.

Tool has no air barrier to keep out dust and debris; therefore not recommended for cutting abrasive materials such as fiberglass.

One-piece tool.

For use in UM-60 (G3-series) or UM-S (S3-series).

No vacuum adapter available.

For protection, the current to the tool is monitored. In case of overload, the cutter stops.

Optional glide disc available for processing wavy materials.

Compatible with **G3**, **S3**, **L3**.

Power Rotary Tool - PRT

For cutting heavy-duty, tough technical textiles and composites with carbon, glass, or Aramid fiber content.

Max. cutting speed 1000 mm/40" per sec.

Accommodates all Zünd decagonal rotary blades.

Choice of three rotation speeds:

- 100 %: 16000 RPM
- 75 %: 12000 RPM
- 50 %: 8000 RPM

Considerably greater power and torque than DRT.

Single- and multiply cutting up to max. overall material thickness of 5.5 mm.

Air barrier prevents dust from entering the cutting unit; airflow cools the motor during cutting.

For maximum flexibility, the PRT consists of a cutting assembly and a connector unit. Using several cutting assemblies helps to keep idle time for blade changes/replacements to a minimum.

Exclusively for use in G3-series UM-60.

Optional vacuum extraction system available for removal of cutting debris directly at the blade.

For protection, both the current to the motor and the motor temperature are monitored. In case of current overload/overheating, the cutter stops.

No glide disc available.

Compatible with **G3**.

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