

# Performance Characteristics

## Driven Rotary Tool - DRT / Power Rotary Tool - PRT



### 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

Limited capacity for thicker fiberglass or multi-ply applications.

Single-ply cutting.

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 Universal Module and in PN Tz-modules.

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.

### Power Rotary Tool - PRT

For cutting heavy-duty, tough technical textiles or 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 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.

ZST-08-2011-pho/m&k

**Headquarter**  
**Zünd Systemtechnik AG**  
 Industriestrasse 8  
 CH-9450 Altstätten  
 T +41 71 757 81 00  
 F +41 71 757 81 11  
 info@zund.com  
 www.zund.com

**ZÜND**  
 swiss cutting systems