

Direct-drive X-axis conversion kit

The conversion kit replaces the geared X-axis motor with a wear-free direct drive. This brings G3 cutters to current Zünd technology standards and minimizes maintenance requirements.

The X-axis carries out every movement of the cutter beam. A highly dynamic electric motor is responsible for generating the sometimes tremendous acceleration forces these movements require.

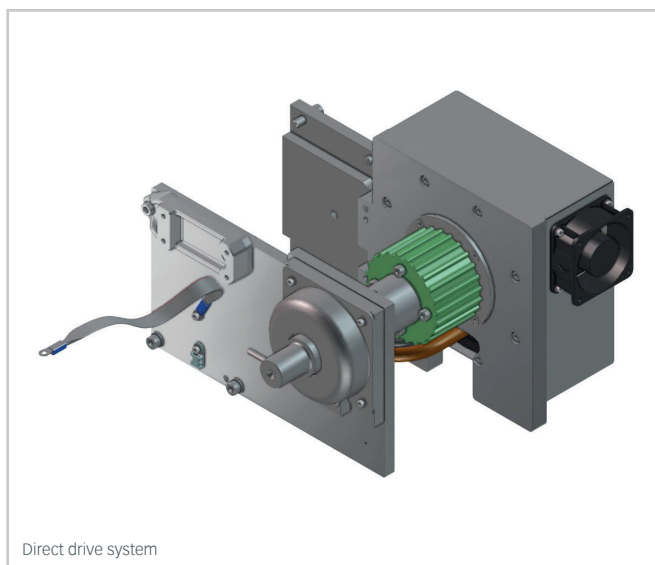
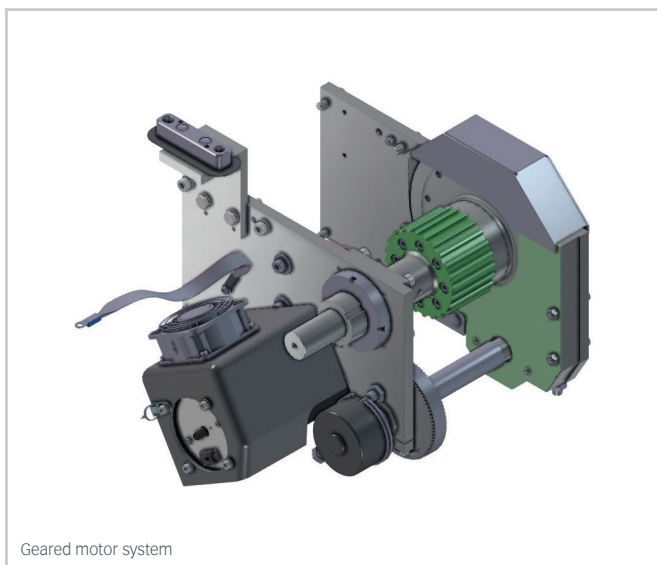
When the G3 was first introduced, a geared motor was used for this purpose. Because of its build, this type of drive system is subject to a certain amount of wear and tear and must be replaced periodically.

As a result of on-going innovation, these electric motors were superseded in 2012, and ever since, all G3 cutters leave the factory equipped with a compact direct drive. The advantages that come with linear motor technology guarantee slip-free operation and minimal maintenance.

With the conversion kit, cutters built before 2012 can now be upgraded to current Zünd technology standards. The conversion also

eliminates related X-axis components that require maintenance and have been prone to failure. The conversion therefore reduces machine downtime to a minimum.

In general, an X-axis conversion is the recommended course of action when a geared motor has failed and requires replacement.



09/2018

Details

Conversion of geared X-axis motor to compact direct drive.

One-time conversion process takes 4 hours.

Applicable to all **G3** series cutters.

Benefits at a glance

Dramatically reduced maintenance and service requirements.

Compact build, high efficiency.

Slip-free, maintenance-free operation.

Elimination of gear system.