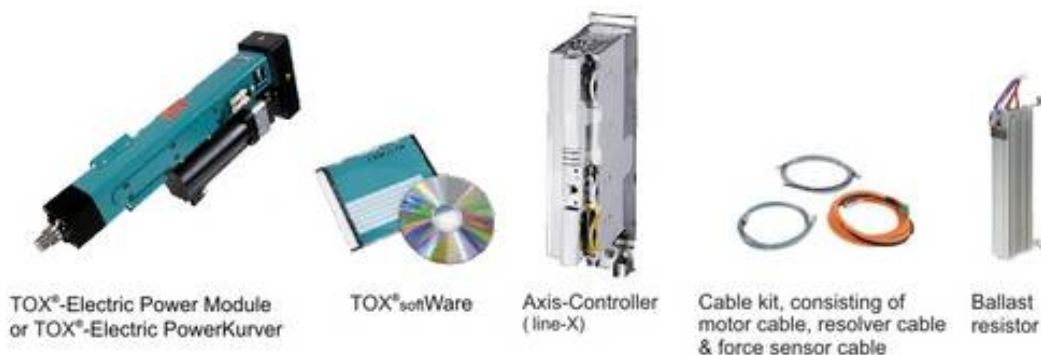


## TOX ElectricDrive - The advantages

- High life expectancy and robustness due to the compact planetary roller screw spindle
- Future-oriented project planning and excellent retooling capability due to its universal applicability
- Maximum energy efficiency, i.e. significantly reduced operating costs compared to conventional drives Special executions can be easily accomplished due to the modular design
- High-dynamic performance by force and distance regulation and the possibility of transition speed
- High precision due to adaptable, regulated deflection compensation
- Simple and comprehensive parameter setting, control, service, via TOXsoftWare
- Runs on most commonly used operating systems
- Utmost safety up to and including category 4 as per EN 954-1, Performance level e as per EN ISO 3849-1 and SIL3 as per EN/IEC 62061 is possible
- Stand-alone operation without PC/PLC is possible
- The system is pre-configured and calibrated, thus, ready for service: plug and work!

The modular and easy to configure electromechanical drive system from Tox provides for a wide spectrum of applications, such as forming or press fit operations, safety oriented applications and sheet metal joining processes like TOX Clinching, even with adjustable and controllable remaining point bottom thickness.



TOX®-Electric Power Module  
or TOX®-Electric PowerKurver

TOX®softWare

Axis-Controller  
(line-X)

Cable kit, consisting of  
motor cable, resolver cable  
& force sensor cable

Ballast  
resistor