SCHMIDT[®] ServoPress/TorquePress Driving profiles and applications

SCHMIDT[®] **ServoPress / TorquePress** enable simple configuration of the driving profiles with motion blocks. In order to realize a quick setup, different standard driving profiles are available.

Positioning to "stroke" Normal driving profile, typically combined with bending compensation. **Closed loop "force" control** For processes in which the force achieved is a measure of the process quality, e.g. material compressing processes.

Experience shows that these standard driving profiles and combinations cover most applications. Up to 8 motion blocks can be combined as desired.

Driving on touch force and "delta stroke".

For processes in which component tolerances must be detected. The press scans the surface and presses in to a specific differential dimension as soon as the defined force is reached.



















Pressing until reaching a specified position leads to precise results in connection with bend up compensation.



Plugging blind bores – a sphere is pressed in and crimped. Force output correlates to material displacement to determine density and retain force independent of stroke or the safe seating of bearings on shafts



Pressing to a functional dimension with force-controlled touching of the body edge and subsequent relative movement (delta stroke)





