C50S screwdriving control

The innovative concept philosophy enables flexibility in the following areas:

_ freely-configurable screwdriving process parameters
_ integrated programmable cycle control
_ split PC-based visualising
_ WEBER panel with touch screen

WEBER C50S screwdriving control
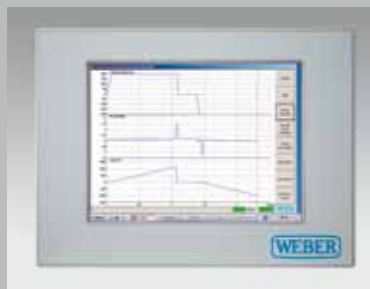
Individually-parametrable screwdriving processes

Start application

_ Auxiliary application for administration of connected screw channels
_ Visualisations can be easily started
_ Maintenance functions

Multi-channel display

_ Simultaneous visualisation of several screw channels
_ Each window is allocated to a channel

Screwdriving graph display

_ Provides detailed information on the screwdriving process
_ Zoom function
_ All relevant process signals can be illustrated
_ Illustration with freely-selected abscissa

Technical data:

No. of programs:	31
No. of steps:	25
Parameters:	torque, filtered torque, relative torque, angle, time, digital/analog depth, gradient, digital/analog signal
Bus systems:	Ethernet, CAN, Profibus, ProfiNet
Dimensions:	600 x 400 x 300 mm as Mounting Plate 370 x 370 mm
Voltage:	230V / 50 – 60 Hz
Power class:	up to 1kW

Characteristics:

_ Up to 25 screwdriving steps for sophisticated technical applications and complex screwdriving processes
_ Results output can be selected at any step
_ Language and unit switching for international use
_ Ethernet as network medium with TCP/IP protocol (e.g.: office and industrial networks)
_ Multi-channel systems can be visualised on one display
_ Visualising can be executed on any PC with .NET support (e.g. laptop with Microsoft XP / Windows 7™)
_ Graph display without machine cycle delay
_ Statistics functions for process quality evaluation
_ System diagnosis
_ System logbook
_ User administration
_ Backup functions
_ Integrated cycle control based on CoDeSys from 3S
_ Online help function

WEBER
Technik, die verbindet