



MANNESMANN DEMAG Baumaschinen	P U M P R E G U L A T I O N S Y S T E M	6050i-12-07 5.4
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TESTING AND SETTING FOR THE COMPLETE REGULATION.

The ELL Module up till now has been pre-set only and must be final set at operating temperature in accordance with the specific operating circumstances.

When the system gets loaded the ACTUAL Value can be monitored (seen) by a Voltmeter connected to terminal 45 of the ELL Modul. At power peaks, that means the ACTUAL Value is greater than the NOMINAL Value the yellow LED (x) of the ELL must light up.

The regulation dynamics can be influenced with the "P"-Potentiometer.

If while digging the system is jerking, the "P"-Potentiometer can be turned in steps of 1/4 turns counter clock wise, until a jerkless operation is possible.

If while digging the system is not jerking, turn the "P"-Potentiometer clock wise, until just no more jerks, under any circumstances, occur while digging. The power peaks are then as small as possible.

After the setting is finished, seal all potentiometers with Silicone. Remove the "Idle Time" elimination (see page 5).