PARAMETERS: STANDARD

PARAMETER LIST: DEFAULT PARAMETERS

The QBOT has a number of user adjustable parameters that change the way the QBOT operates. Below is a list of the parameters, their descriptions, and the default values.

The parameters can be viewed from the 'Setup' menu. From the Quilt|Record|Options menu, select 'Options.' From the Options menu, select 'Setup' and press 'GO.'

To navigate through the parameters, use the up and down navigation arrows.

To change the value of a parameter, use the right and left navigation arrows.

To store the parameter, press 'GO.' When 'GO' is pressed, 'Setting Saved' is displayed and the user is returned to the Options menu.

Parameter	Default Value
Use Metric? Use metric units (YES) or English (NO)	NO
X Axis Direction Direction multiplier that is frame dependent	-1
Y Axis Direction Direction multiplier that is frame dependent	-1
Use Thread Cutter Future capability for machines with external thread cutter control	NO
Wheel Diameter (mm) Drive wheel diameter (22.3mm)	22.3
Motor Current (%) % of max motor current used to drive carriages	50
SpdCtrl On Delay (mSEC) dwell time between turning on sewing machine and moving carriage	2000
SpdCtrl Off Delay (mSEC) dwell time between stopping carriages and turning off sewing machine	2000
Motors Enable Delay (mSEC) dwell time between pressing go and the drive motors beginning to move	200
Motors Disable Delay (mSEC) dwell time between end of sewing and unlocking the drive motors	1000
Acceleration Factor ramp up speed control	2200
Delta Factor controls how QBOT slows down into a corner	0.7
Encoder Sample Time (mSEC) recording time interval, lower number = more precise (larger file size)	50
Recorder Accuracy determines accuracy of recording	0.1
Check Position Error If YES, then QBOT will display error if carriages do not move	YES
Hover Speed Override Speed ratio of hover mode. Default is 3/5 speed (60%)	3
Thread Cutter Delay (mSEC) Time delay between ending quilting and cutting the thread (future use)	2000
Use Buzzer? Turns beep on and off	YES
Reset to Defaults? Sets all parameters back to their factory default values	NO

PARAMETERS: LONG ARM SEWING MACHINES*

PARAMETER LIST

The QBOT has a number of user adjustable parameters that change the way the QBOT operates. Below is a list of the parameters, their descriptions, and the values.

Change the parameters highlighted in the blue boxes to the values shown.
The parameters can be viewed from the 'Setup' menu. From the Quilt|Record|Options menu, select 'Options'. From the Options menu, select 'Setup' and press 'GO.'

To navigate through the parameters, use the up and down navigation arrows.
To change the value of a parameter, use the right and left navigation arrows.

To store the parameter, press 'GO.' When 'GO' is pressed, 'Setting Saved' is displayed and the user is returned to the Options menu.

Parameter	Value
Use Metric? Use metric units (YES) or English (NO)	NO
X Axis Direction Direction multiplier that is frame dependent	1
Y Axis Direction Direction multiplier that is frame dependent	1
Use Thread Cutter Future capability for machines with external thread cutter control	NO
Wheel Diameter (mm) Drive wheel diameter (22.3mm)	22.3
Motor Current (%) % of max motor current used to drive carriages	70
SpdCtrl On Delay (mSEC) dwell time between turning on sewing machine and moving carriage	200
SpdCtrl Off Delay (mSEC) dwell time between stopping carriages and turning off sewing machine	2000
Motors Enable Delay (mSEC) dwell time between pressing go and the drive motors beginning to move	200
Motors Disable Delay (mSEC) dwell time between end of sewing and unlocking the drive motors	2000
Acceleration Factor ramp up speed control	2200
Delta Factor controls how QBOT slows down into a corner	0.7
Encoder Sample Time (mSEC) recording time interval, lower number = more precise (larger file size)	50
Recorder Accuracy determines accuracy of recording	0.1
Check Position Error If YES, then QBOT will display error if carriages do not move	YES
Hover Speed Override Speed ratio of hover mode. Default is 3/5 speed (60%)	3
Thread Cutter Delay (mSEC) Time delay between ending quilting and cutting the thread (future use)	2000
Use Buzzer? Turns beep on and off	YES
Reset to Defaults? Sets all parameters back to their factory default values	NO

*Long arm sewing machines referenced at time of printing: Tin Lizzie 18LS, Tin Lizzie Ansley 26, Pfaff Grand Quilter® 18x8, Husqvarna Viking® MegaQuilter 18x8, Queen Quilter Eighteen, HQ 16, Voyager 17, Hinterberg Indigo