HP961 Controller Operating Instructions

Sep-2016

J1- Top soft limit

J2- Bottom soft limit

SET button

Arrow across button

Arrow up button

Simple operation

- Zero display- Press arrow up button until display reads zero.
- Set bending roll bottom position- Press & hold arrow up button and press bending roll down button at the same time. Drive bending roll down until external limit switch stops travel. This is now the bottom position and bending roll can be driven full travel up/down.

Soft limit setting & operation

The controller can be programed to travel within a top and bottom soft limit and the operator can change soft limits to any desired size.

J1= Top soft limit

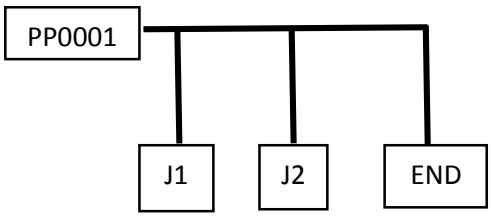
J2= Bottom soft limit

End= Exit programing mode.

- PP0001= Soft limit programing mode

Press set button and use the arrow across/up buttons to make display read PP0001. Press the SET button to enter soft limit programing mode.

Menu diagram



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The below example outlines how to set the Top soft limit (J1) to position 50 & bottom soft limit (J2) position to 10. The final position set is dependent on user's application.

- Set J1-Top soft limit

  Use arrow across button until J1 is displayed and press SET to enter limit. Make display read 50 and press set to save and exit. This is now the top soft limit.

- Set J2- Bottom soft limit

  Use arrow across button until J2 is displayed and press SET to enter limit. Make display read 10 and press SET to save and exit. This is now the bottom soft limit.

- Exit soft limit mode

Use arrow across button until End is displayed and press SET to save and exit.

- Bending roll can now be drive up/down between 10 and 50.

Reset factory settings - Set J1= 100000 & J2=0 and follow simple operation instructions.