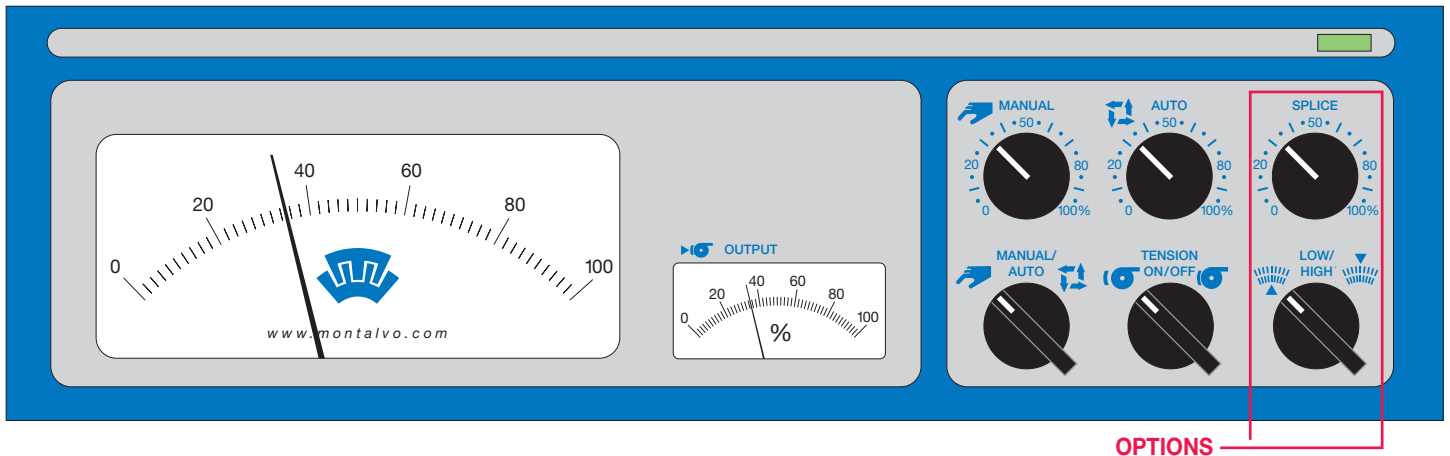
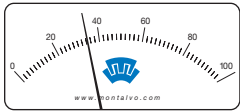


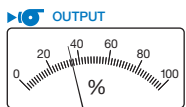
## X-3400ce-UW (unwinder with load cells)



**Green Power LED** - Indicates that power is on.



**Tension Meter** - Displays actual web tension. The scale can be either in Newton, kg, lb or %.



**Output Meter** - Displays the regulated output of the controller in %. This output represents the pressure on the brake of the roll.



**Manual / Auto** - Switches between manual and auto mode.

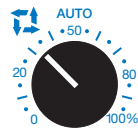
**Manual:** The operator controls the brake pressure directly by using the manual potentiometer.

**Auto:** Automatic regulation of the brake pressure to maintain a constant web tension. When switching from manual to auto mode, the controller continues to regulate from the manual level.

**Note:** The brake pressure automatically decreases along with the decrease of the roll diameter.



**Tension On / Off** - Turns tension on and off. Output is zero when off. Typically used for roll change or release of roll. After turning tension on, run the machine slowly for the first 10 seconds to ensure that the controller has calculated new data.



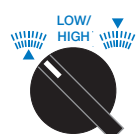
**Auto Setpoint** - In auto mode, sets the controller to run with a desired web tension. By increasing the setting, the web tension will be increased. The settings 0 to 100% represent 0 to full scale of the tension meter.



**Manual Setpoint** - In manual mode, controls directly the brake pressure. The setting 0 to 100% represents 0 to maximum brake pressure.

**Note:** Observe the tension on the tension meter, and adjust the manual setpoint accordingly. To maintain a constant tension – the operator has to decrease the brake pressure along with the decrease of the roll diameter by using the manual potentiometer.

### OPTIONS



**Low / High Scale** - Switches between low and high scale. The setpoint settings represent the tension setting based on the selected tension scale (low/high).

**Note:** When switching between low/high scales during operation, the controller will automatically regulate to the setpoint setting (in %) based on the new tension scale. We recommend changing the setpoint setting to the same % value of the new scale synchronously with the scale switching.



**Splice Setpoint** - Used in automatic roll change applications (flying splice). The setting applies for the new incoming roll diameter. The new diameter is transferred to the controller exactly when the knife is cutting the web.  
**Note:** Before performing the flying splice, it is important to set the splice potentiometer approx. at the setting that represents the new incoming roll diameter (0-100%).