

IsoUs – Ultimate Step
Plugin – Spindle Manager

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PROMAX

Motion
&
Control

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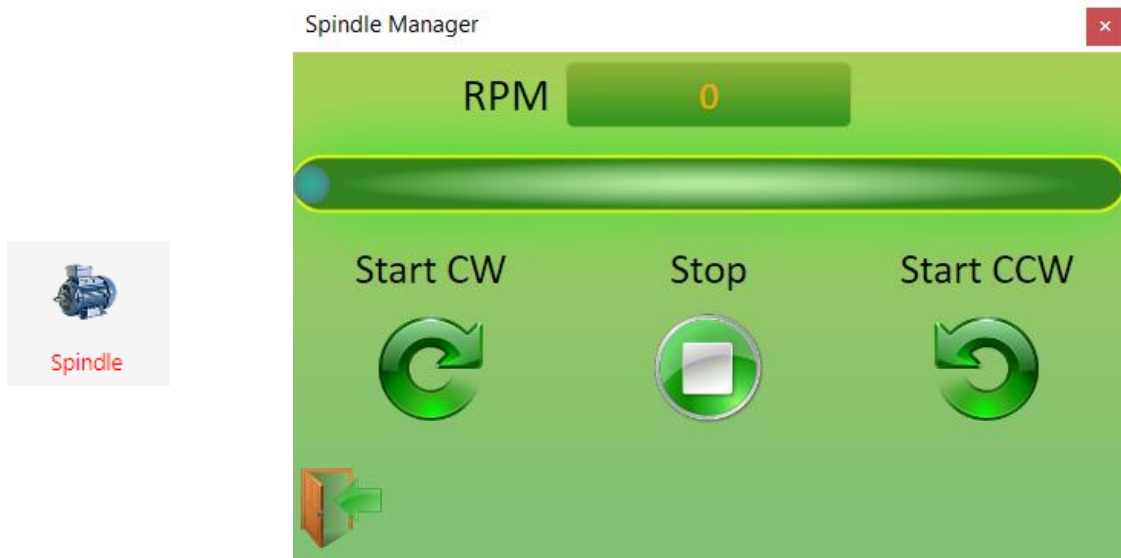
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1 Spindle Manager

Spindle Manager allows the MANUAL functions for **SPINDLE**.

For use it, the functions **M3, M4 and M5** must be configured with PlugIn **MHM** on IsoUs.

If these functions aren't present, a **ERROR** message will be showed



1.1 Plugin Using

Spindle Manager allows the **BASIC FUNCTIONS** for **SPINDLE**.
The Plugin uses the **FUNCTIONS M3 – M4 – M5**

1.1.1 Start CW - M3

The function **START CW** is available only if the Gcode isn't execution
Press **BUTTON**:



1.1.2 Start CCW – M4

The function **START CCW** is available only if the Gcode isn't execution
Press **BUTTON**:



1.1.3 Stop Spindle – M5

The function **STOP SPINDLE** is available only if the Gcode isn't execution
Press **BUTTON**:



WARNING

**THE BUTTON STOP DOES NOT GUARANTEE AN EMERGENCY CONDITION.
THEREFORE IT MUST BE GUARANTEED BY EXTERNAL CERTIFICATED COMPONENTS**

1.1.4 SPEED Spindle Control

When the **SPINDLE** is **ON**, is possible change the **SPINDLE SPEED** by **SLIDER**:



This function uses the following parameters:

Max Spindle Rpm must be in the machine parameter "**SPEEDMAXSPINDLE**"
(If this parameter isn't present a **ERROR** will be showed)

The current RPM, will be written in the **CNC USER GENERIC 9**
Therefore, the **VTB** application, must manage this **VARIABLE** for dynamically change the **SPINDLE SPEED**



WARNING

CHANGE THE SPEED SPINDLE WHEN IT WORKS, CAN DAMAGE THE TOOL USED

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