

IsoUs – Ultimate Step  
Plugin – Machine Parameters

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## 1 Machine Parameters

This Plugin manages the editor of all **MACHINE PARAMETERS** of IsoUs.

The **MACHINE PARAMETERS** are very important for machine functioning, therefore its changing is protected by more **PASSWORD** levels.

These levels allow to change the values only by qualified persons.



Machine Parameters ✕

Parameter	Description	Value
FEEDMAX	Max Feed mm/min	60000
FEEDMIN	Min Feed mm/min	100
FEEDDEF	Default Feed mm/min	1000
FEEDRES	Feed Resolution	Meter
SPEEDMAX	Speed Max Rpm	3000
SPEEDMAXSPINDL	Rpm Spindle Max	3000
SPEEDMIN	Speed Min Rpm	500
SPEEDDEF	Speed Default Rpm	3000
WR_SPD9	Enable Write Speed User 9	WRITEVAL
RESQUOTE	Axes Value Resolution	0.001

General Axis X Axis Y Axis Z Axis A

Machine Parameters interface includes a toolbar with icons for home, save, print, edit, and a search bar.


## 1.1 Plugin Using

There are four **PASSWORD** levels which protect the write parameters. The **PASSWORD** level is showed when the mouse pointer is on the parameter name

### **NOME PAR P:LEVEL**

**NOME PAR** Parameter NAME  
**P:** PassWord LEVEL  
 -1 **UNLOCKED**  
 0 PassWord **FIRST** LEVEL  
 1 PassWord **SECOND** LEVEL  
 2 PassWord **THIRD** LEVEL

For change a parameter **VALUE**, make **DOUBLE CLICK** with mouse on **CELL VALUE** and insert the new value desired. Some parameters have a **ENUMERATIVE** value, therefore set the relative **DESCRIPTION**.

After the value changing, for activate the parameter is necessary press the button **write single parameter:** 

Or **write all parameters:** 

When the parameters values are correct, remember of save they, with button **save:** 

### 1.1.1 Recovery last configuration

For **RECOVERY** the last configuration used, press the **BUTTON:**



### 1.1.2 Parameters Save on HDD

For Save the parameters on press **BUTTON:**



If this operation isn't performed, the new values inserted, are active until the **CNC** is **ON**.

### 1.1.3 Write Single Parameter selected

For write the **single parameter** selected, press **BUTTON:**



The parameter value will be activated on CNC.  
 You can also use the button **write all parameter.**

### 1.1.4 Write all Parameters

For write the **all parameters**, press **BUTTON:**



All parameters will be activated on **CNC**

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