

## Bewo helps you set cutting parameters to activate improvement mode

To get the best result, each type of product you cut, requires the correct machine setting.

### Improve

- Set-up time
- Production output

### Save

- Saw blade cost
- Energy consumption

Based on the product characteristics an optimized set of parameters and saw blade selection is calculated by our advanced software:

## Cutting Wizard

### Input

- Diameter
- Wall thickness
- Material
- Number of tubes/ cut

### Output

- Sawblade geometry
- Cutting parameters
- Sawblade lifetime
- Output products/hr.

**BEWO** 
Cutting Wizard

**General Settings**

English

**Units:** Metric (mm)

**E-mail Address:**

**Machine Settings**

**Machine Type:** SCF-Omega

**Units for finishing processes:** SCD BMS TCM SCR

**Number of products per cut:** 2

**Product Settings**

**Shape:** Round Square Rectangle

**Solid:**

**Diameter:** 65 mm

**Wall Thickness:** 1.1 mm

**Product Length:** 300 mm

**Start Length:** 6000 mm

**Trimcut Length:** 30 mm

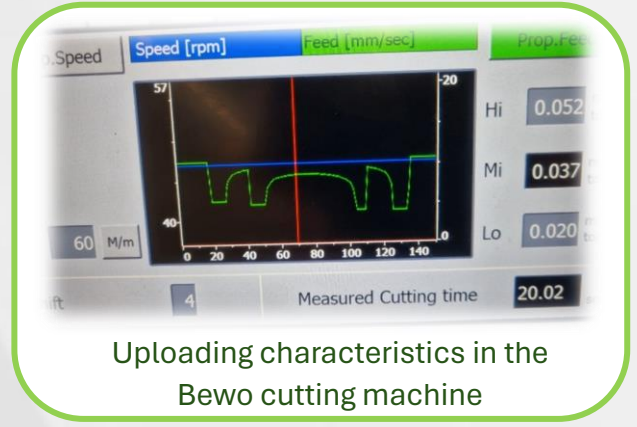
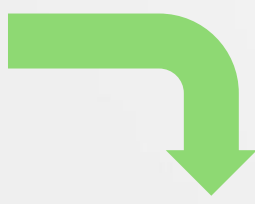
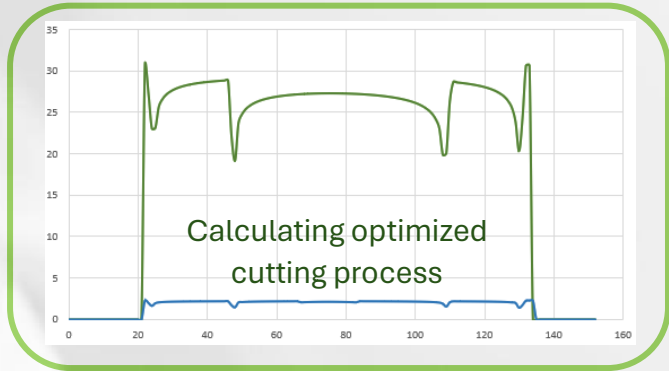
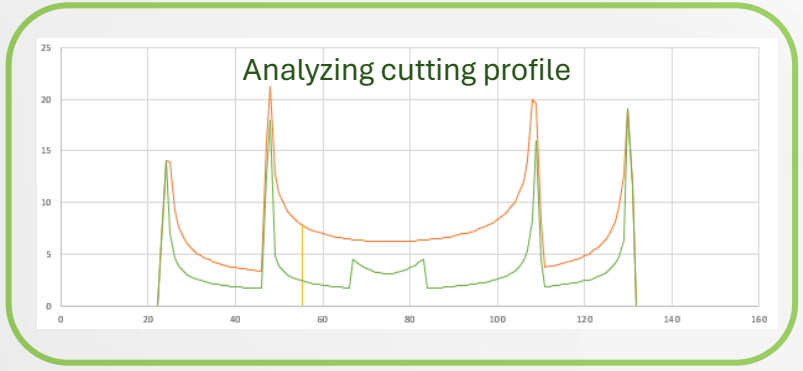
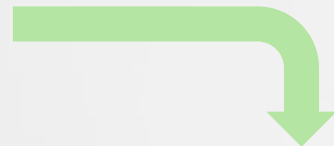
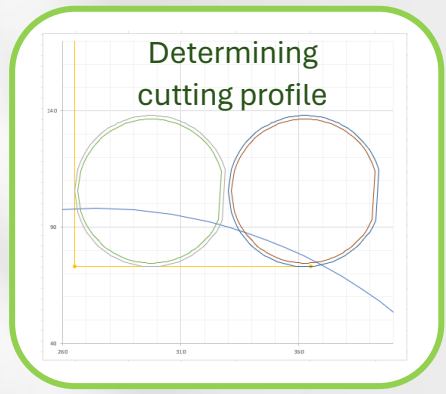
**Select Material:** <450 Mpa 500 Mpa 600 Mpa 750 Mpa 850 MPa >1000 Mpa AISI 300 AISI 400 Aluminium

**HSS Sawblade Advise**

<b>Sawblade Diameter:</b>	400 mm
<b>Sawblade Thickness:</b>	2 mm
<b>Minimal sawblade diameter to cut product:</b>	373 mm
<b>Tooth Pitch:</b>	5.03 mm
<b>Number of Teeth:</b>	250
<b>Cutting Speed:</b>	21 m/min
<b>High Feed:</b>	0.07 mm/tooth
<b>Low Feed:</b>	0.035 mm/tooth
<b>Minimum Sawblade Life:</b>	4528 pieces
<b>Maximum Sawblade Life:</b>	9057 pieces
<b>Rest Piece Length:</b>	230 mm
<b>Cutting Time:</b>	20.57 seconds
<b>Machine Output:</b>	286 pieces per hour

Please Advise Me

*We take care*



We take care