




-  your idea...
-  our solutions...
-  your success...

**EASY** SA



## Build your cams today ... and tomorrow !

- ✓ **with an updated, user-friendly replica of known softwares**
- ✓ **retaining all your existing cams**
- ✓ **with current solutions ensuring improvements and long-term service**
- ✓ **with the latest CNC technologies for a better finish of cams and more accurate and faster bar turning**
- ✓ **with modularity that will fit your actual needs**
- ✓ **with openness to integrate with your business**
- ✓ **with standards compliance to document your work**
- ✓ **and sustainability for your company at competitive price**

### DIAMATIC






### CAMATIC



### MACHINING



-  your idea...
-  our solutions...
-  your success...



# DIAMATIC : diagram calculation

Diamatic assists the operator to define the set of cams required for machining workpieces on turning machines **Tornos, Bechler Petermann, Esco** , ....

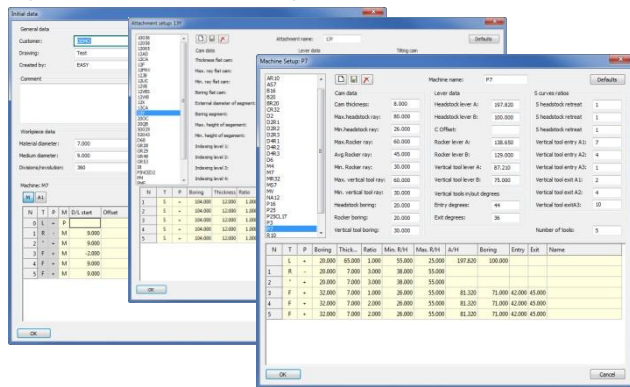
This assistance consist to divide the machining of the part to be produced and representing them on the diagram, then generate the data of each of the cams required for the selected turning machine and make them available to Camatic and then to CNC for machining the cams.

The machine and available devices configurations can be modified or extended as needed. The cams headstocks and rockers can be divided for use from 1 to 9 spouts.

N	E	P	L	Comment	Tool offset	Path	Diam/Leng	Chip	Revol	Dia	Cam	Ila	Deg	From	To
5				OPC					6				6	0	6
6				RHS 18+18-18 8MM			-19.800 0.000		7 15 1				15	6	21
7				CLC					10				10	21	31
8	<			D03 COUPEUR	1.310	0.620			4 3 1				3	31	34
9				A01 ANGLE AVANT	0.300	0.300 0.0180			17				3	35	38
10				DWL					2				2	38	40
11				M03 COUPEUR	4.190	9.000			22 22				22	40	62
12	1			E04	-4.500	0.000							62	62	62
13				A01 CENTRAGE	1.100	1.400 0.0350			31				6	62	68
14				DWL					2				6	68	70
15				R0H	-1.100	0.300			7 3 1				3	70	73
16				X04 CENTREUR	4.500	9.000			20 20				20	73	93
17	1			E11 MECHE Ø 1.5	0.000	0.000								93	93
18				A01 PERCEUSE	19.000	19.300 0.1000			190				30	93	132
19				DWL					2				132	134	134
20				RHS	-19.300	0.000			7 15 1				15	134	149
21	<	1		X11	0.000	0.000							15	134	134
22				E01	-3.400	2.200			10 12 1				12	147	158
23				A01 TOURNAJE Ø 2.21	0.120	0.500 0.0300			21				4	158	163
24				DWL					1				1	163	164
25				OT1	2.873								16	164	168
26				A01	0.190	1.950 1.850 0.0100			75				16	164	168

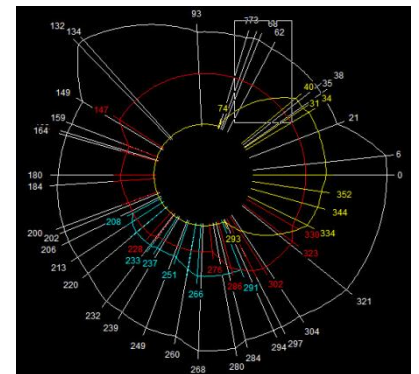
## Machine Configuration and Devices

Up to 9 devices with up to 9 tools each

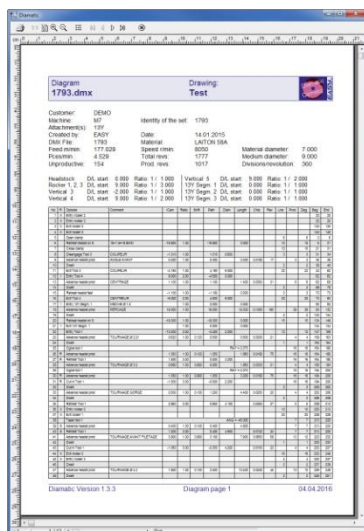


## Graphic display

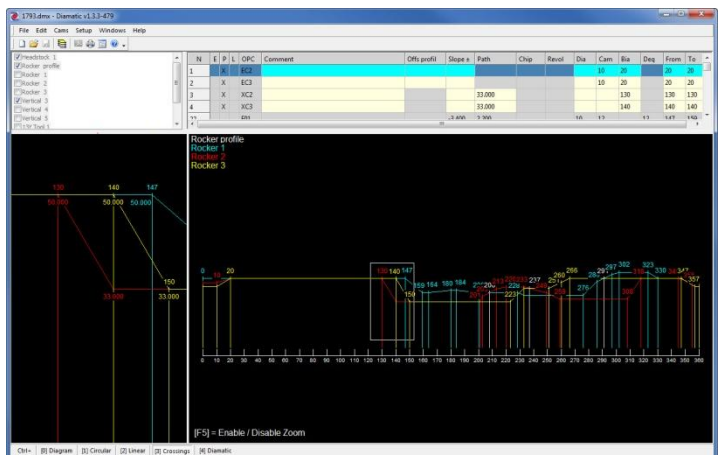
- circular
- linear
- interactive zoom
- crossings






## Printings



Editing cam crossings in the graphical view



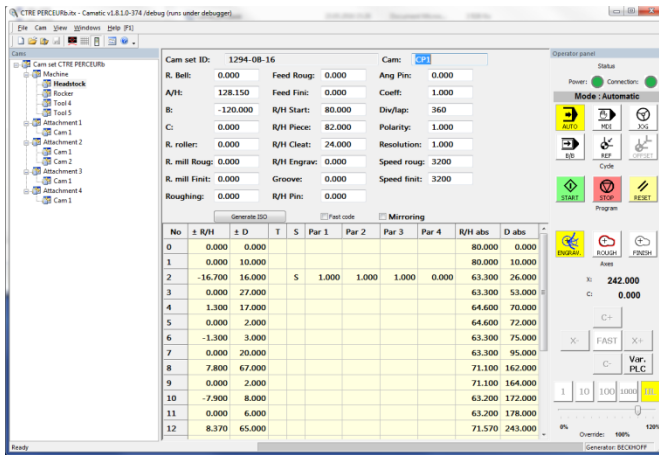
-  your idea...
-  our solutions...
-  your success...



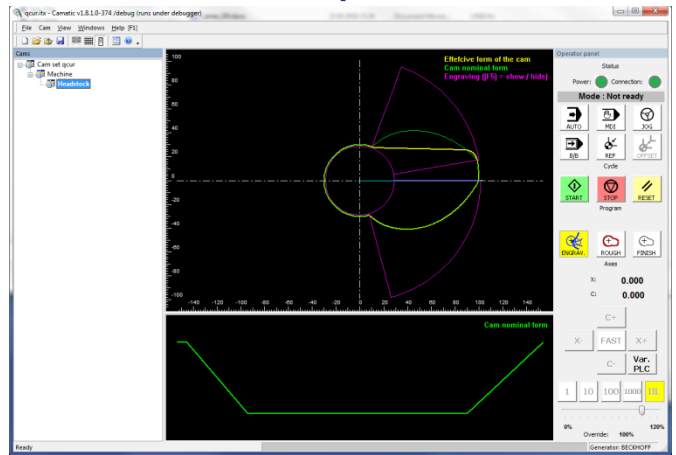
## CAMATIC : machining programming

Camatic assists the operator to **create** a new cam, to **edit** generated Diamatic cams or to **add** a specific engraving. It allows to visualize the contours of the cam and engraving. The machine program generated in **ISO code** form can be transferred to the integrated CNC or to an external milling machine. **ISO code** generation is configurable to provide an opening to conventional milling machines.

**Edition**



**Graphic**



## Retrofit CNC : Machining

The electrical retrofit includes a fully equipped cabinet, the drive motors of the axes and a screen / keyboard / mouse.

The electric cabinet includes a PC-based CNC, servodrives for driving the axes, a frequency converter for the spindle and related functions such as clamping, coolant, etc.

The axes of the drive motors are AC brushless servomotors.






**Before**



**After**



-  your idea...
-  our solutions...
-  your success...



## The security of a reference in matters of bar turning

### **Compatibility**

Features original DOS versions, import cams made with Macor and VNSA software.

### **Windows**

The main functions of the older versions, integrated into the Windows environment, offer an ease of use for new users and maintain the habits and skills of expert users.

### **Sustainability**

The changes, new features and updates are regularly available and can be downloaded and installed easily.

### **Quality**

Like all EASYsa products, Diamatic and Camatic have been verified, tested and validated by our own engineers and by many users.

### **Deliverables**

<i>Article</i>	<i>Description</i>
3215	Diamatic, basic license, perpetual
3405	Diamatic, every nth license perpetual
3241	Camatic, perpetual license
3239	Camatic, graphical option
3242	Camatic, retrofit kit with CNC Beckhoff
3958	Camatic, retrofit kit for CNC Fanuc
3217	Diamatic, limited license to 1 month
3219	Diamatic, limited license to 3 months

Do not hesitate to express your interest and needs and we gladly prepare an individual offer