

TAOSoft Corporation was set up in Shanghai the economic center of China. We mainly engage in industrial software development, sales, training and after-sales service and technical support. Relying on famous university talents, we continue to learn from the top nesting algorithm theory. With the accumulation of years of industry and the latest software programming techniques, we have been successful on hundreds of companies at home and abroad in the CNC programming and nesting solutions.

CutLeader CNC cutting & intelligent nesting software is the result of years of independent research and development. Base on the third generation of CADCAM software design concept. The system can not only intelligent assign cut features, but also optimize the cut sequence. With anti-over-cutting, anti-collision functions, the system will greatly improve the safety of operation and meet today's business needs. It also provides the process library, cut knowledge library, materials library, which make it possible to use the process of knowledge accumulation.

CutLeader CNC cutting and intelligent nesting software is mature software with years of independent research and development. It is mainly used in CNC laser cutting machine, plasma cutting machine, flame cutting machines and water-jet cutting machines and other cutting systems. Support BURNY, DGE, HYPERTHERM, LYNX, ANCA, NUM, FAGOR, SIEMENS, SYSTEM32, PDF32, including nearly 40 kinds of numerical control systems, as well as ESAB, MESSER, CIGWELD, FARLEY, KOIKE, TANAKA, LOW, 3000 GROUP and other world famous NC cutting machines.

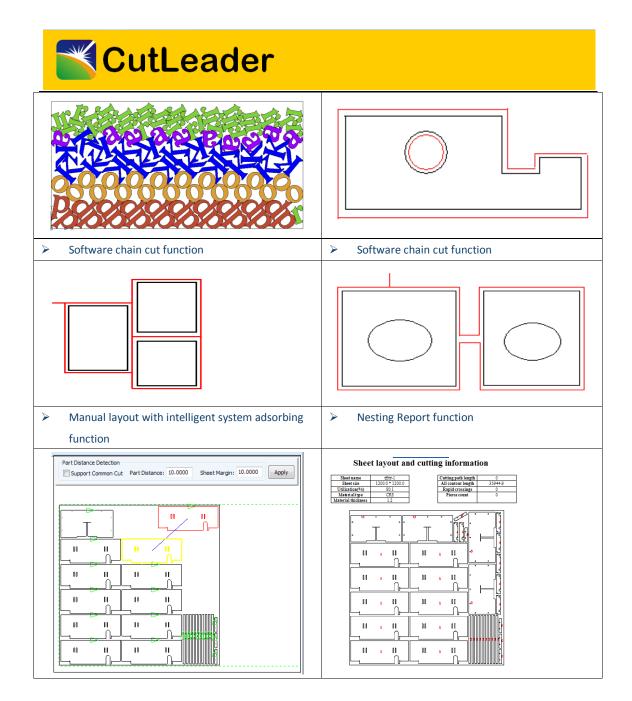
Main Basic Functions

- 1) CAD Design Module: DXF / DWG graphics optimization, CAD drawing, editing, and other functions.
- 2) Cutting Process Module: support lead in/out, micro connection etc.
- 3) Sequence Simulation Module: support common cutting, auto-assignment, sequence editing, simulation
- 4) Expert System Module: support machine parameters, process parameters, material library.
- 5) Intelligent Nesting Module include: Intelligent nesting, remnant management and statistics.



Special Features

Ribbon UI designs make it simple and efficient to	The Expert Library module helps you to easily become an excellent process engineer				
handle	become an excellent process engineer				
Start Geometry CAM Feature Part Layout Sequence Confi Data Center Sheet Nest Job Sheet Part DXF/DWG File Import Split Part DXF/DWG File Data Import Report Report Data Import Split	Contractions Repeat Datase				
 Unique cutting range design allows your machine to work more smoothly 	 Flexible post process module can support a variety of CNC cutting equipments 				
Default Standard Shape Polygon Ranges Condition Values Num Rect Zone Rect Zone 1 0.000000 12.000000 2 12.000000 20.000000 3 20.000000 30.000000 4 30.000000 40.000000 5 40.000000 50.0000000	Configurations Sec. Sec.				
Advanced dynamic database storage technology can ensure the safety of your data	 Supports all major Windows operating systems, strong compatibility enables you to upgrade safely 				
Data Backup and Recovery Backup Option Image: The backups should be placed at the safe place. Backup Database Backup Log File Data Location: c:\ Backup Recovery Quit					
 Automatic identification and extraction single parts functions let you no longer afraid of some DXF/DWG parts containing a large number of parts 	Wizard with auxiliary teaching function will save you couple complex training process				
Petrocopy Petrocopy 1) the plane trade are a closed bourder. 2) the plane trade have a closed bourder. 2) the plane trade have a closed bourder. 2) Structure trade have a closed bourder. Trade trade trade have a closed bourder. Trade trade trade trade trade trade have a closed bourder. Trade					
 Convenient irregular graphics intelligent nesting layout function 	 Software compensation function 				





Quick Start

1. Click Create Nest Job button

	H H	CutLeader					
	Start	Geometry	CAM Feature	Part Layout S	equence Con	figuration Help	
Data Center			Part Diff. DWG File Part	Import Split Import Data Import	Preview Print Report Report Report		
		Exe	ate Nest Job cute nesting task and erate new sheets.	\mathbf{X}	1)		

2. Add DXF/DWG part files and update the nesting quantity

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1	Expert Library: Sample	•	Configuration:	Configuration	for Plasma	Change Con	figuration			
he par	rts which will be nested									
Nun	Part Name	Part Si	ze	Priority	Count	Rotate Angle				
01	c01013399	373.000	* 13.500	10	10	Free Rotate				
02	C01025954(A)	391.000	* 205.000	10	10	Free Rotate				
03	C01025958(A)	449.000	* 179.000	10	10	Free Rotate				
04	C01030013(A)	125.000	* 80.000	10	10	Free Rotate		0	0	Ĩ
05	C01030014(A)	125.000	0 * 148.500	10	10	Free Rotate				-
06	C01030463(A)	150.000	* 32.500	10	10	Free Rotate				
07	E07002163_01(A)	295.000	222.000	10	10	Free Rotate				
08	E07002163_02(A)	110.000	20.000	10	10	Free Rotate				
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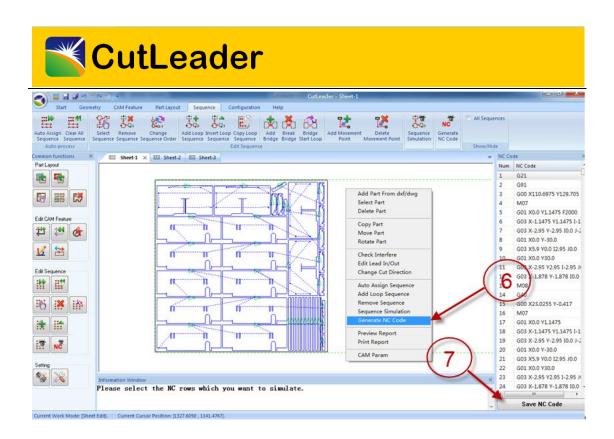
3. Click Nest button

t Res	sult						-2
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		Submitted Count:	91	Consumed Count	: 3 Total	Utilization(%): 55.9	
lested	d Part Statistics						
		Subr	nitted Part:	80	Nested Part: 80		
Nun	Name			Priority	Submitted Count	Nested Count	
1	c01013399			10	10	10	
2	C01025954(A	a		10	10	10	=
3	C01025958(A	,		10	10	10	-
4	C01030013(A	P		10	10	10	
5	C01030014(A)			10	10	10	
6	C01030463(A			10	10	10	
7	E07002163	,		10	10	10	-
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4. Manually update part layout, update cut features and auto-assign cut sequence.

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Start Geor	netry CAM Feature Part Layou	t Sequence Configuration	Help		
Auto Assign Clear Alt Sequence Sequence Auto-process	Select Remove Change Sequence Sequence Order	Add Loop Intert Loop Copy Loop Sequence Sequence Bild Edit Sequence	J Break Bridge Pe Bridge Start Loop Point Movement Point	Sequence Simulation NC Code Show/Hide	
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12 14 94			Move Part Rotate Part	E	
12 23			Check Interfere	10)	
			Edit Lead In/Out		
Edit Sequence	1 1 1		Change Cut Direction		
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116.7		и и	Add Loop Sequence Remove Sequence		
16 🐹 🎼			Sequence Simulation		
* *			Generate NC Code		
			Preview Report Print Report		
III NC			CAM Param		
Setting					
28 8	Information Window				
a la s		use four arrow keys to m	ove part, use +/- key to CW/CCW r	otate part.	
Current Work Mode: [She	eet Edit]. Current Cursor Position: [L	276.4654 , 1090.6415].			

5. You can export DXF/DWG part layout file or export NC code file as below.



If you cannot find your post-processing file, or you have some special needs, please contact our technical support staff via support@cutleader.com



TAOSoft Corporation

We make cutting products as simple as operation of the printer!