



It's in the can

Because Studer knows that making can dies requires speed and precision.

The Art of Grinding.



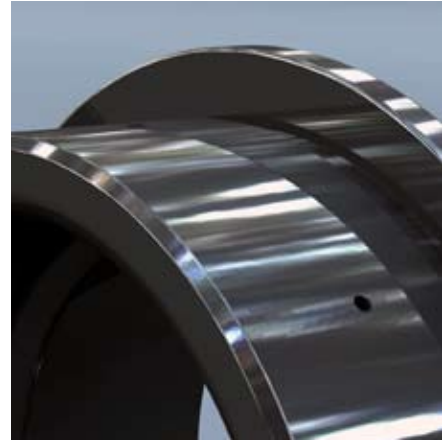
Can manufacturers make thousands of cans per hour and go through a lot of dies. If you are in the business of making can dies, you know that keeping up with your customers is often a real challenge. Even though your customer's demand quality and precision, you have to deliver quickly and on time.

Studer can help you exceed your goals with grinding solutions that succeed in the real world.

Can dies...

If you are in the business of making dies, you know that the high production volumes involved with can manufacturing have resulted in dies being made from tough materials. Complex profile shapes and hard materials like carbide, tool steel and ceramics can be difficult to grind and have led many can die makers to use multiple processes including turning, grinding and polishing to get the accuracy and surface finishes their customers need.

Studer CT CNC grinding machines are designed to handle the difficult materials while achieving high accuracy on the profile. The end result is a very accurate die, created in short cycle times and at a lower cost.



are tough.



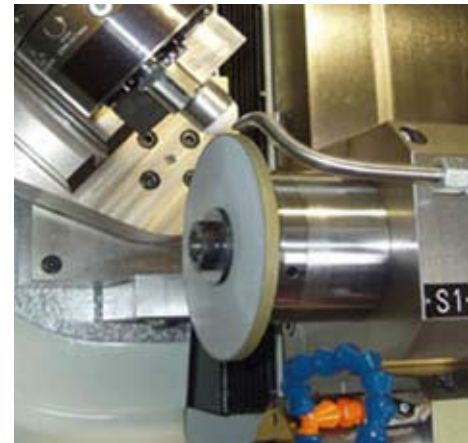
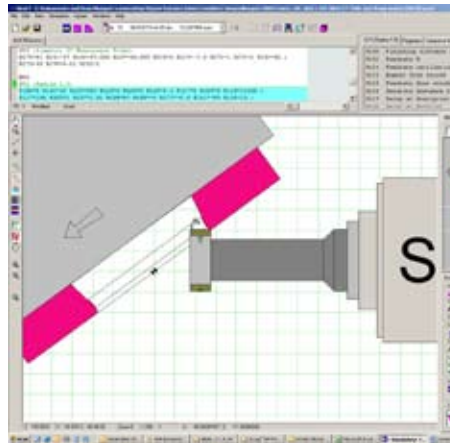
CT730/CT750

Multiple ID spindles and an OD spindle give you the process flexibility you need for different shapes and designs.

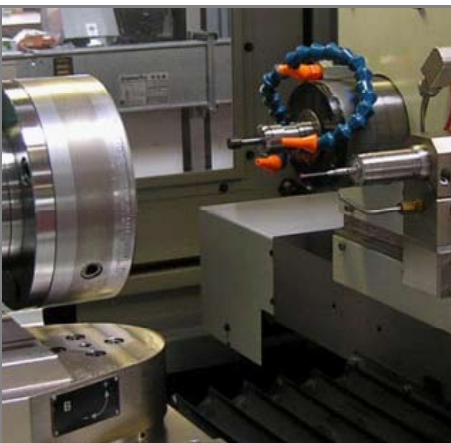
Having a CNC controlled B axis allows the CT730 and the CT750 to use oscillating motion when grinding different types of radii and conical openings often used in can die profiles.

The SimCT software ensures that setting up for a wide range of applications and processes is a breeze. Software interpolation gives the CT730 and the CT750 the ability to grind complex profiles.

Touch-off probing and intermediate process gaging ensure accuracy.



are not a problem



CT960

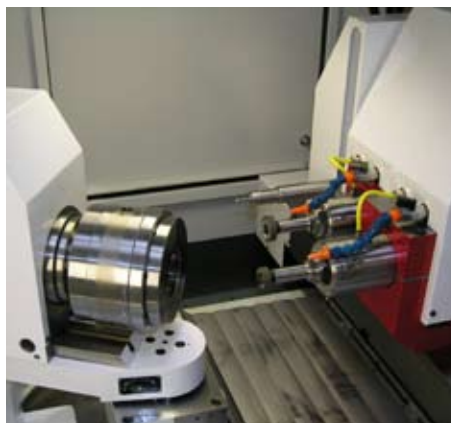
A four spindle turret gives added application flexibility.

The CNC controlled B axis gives you the ability to use oscillating motion to grind several types of radii and conical openings typically found in can die manufacturing.

The easy to use HMI-SimCT software with Workpiece Oriented Programming (WOP) ensures that setting up for a wide range of applications and processes is a breeze. Software interpolation allows the CT960 to grind difficult profiles.

Touch-off probing is combined with intermediate process gaging to ensure accuracy.

The CT960's powerful Fanuc 310iA series controls are intuitive and easy to use.





for CT CNC grinders.

Main Dimensions	CT730 (CT730L)	CT750	CT960
Part length	150mm (5.91") maximum	150mm (5.91") maximum	300mm (11.81") maximum
Grinding length	100mm (3.96") maximum	100mm (3.96") maximum	150mm (5.91") maximum
Center height over table	102mm (4.02")	102mm (4.02")	150mm (5.91")
Technical Data			
Spindles in linear mode	4 spindles, maximum (2 belt driven spindles, maximum)		
Spindles in turret		2 spindles, maximum	4 spindles, maximum
ID spindle ø	45/60/80/100mm (1.77/2.36/3.15/3.96")	100mm (3.96")	100/120mm (3.96/4.72")
OD wheel size	200mm (7.87") maximum	150mm (5.91") maximum	250mm (9.84") maximum
X axis stroke	360mm (14.17")	360mm (14.17")	400mm (15.75")
Z axis stroke	250mm (9.84")	250mm (9.84")	400mm (15.75")
B axis swivel stroke	-91° to +61°	-91° to +61°	-91° to +61°
Workhead speed	1,500 maximum rpm	1,500 maximum rpm	1,200 maximum rpm
Load on spindle nose	25kg (55.12lbs) maximum	25kg (55.12lbs) maximum	100kg (220.46lbs) maximum



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