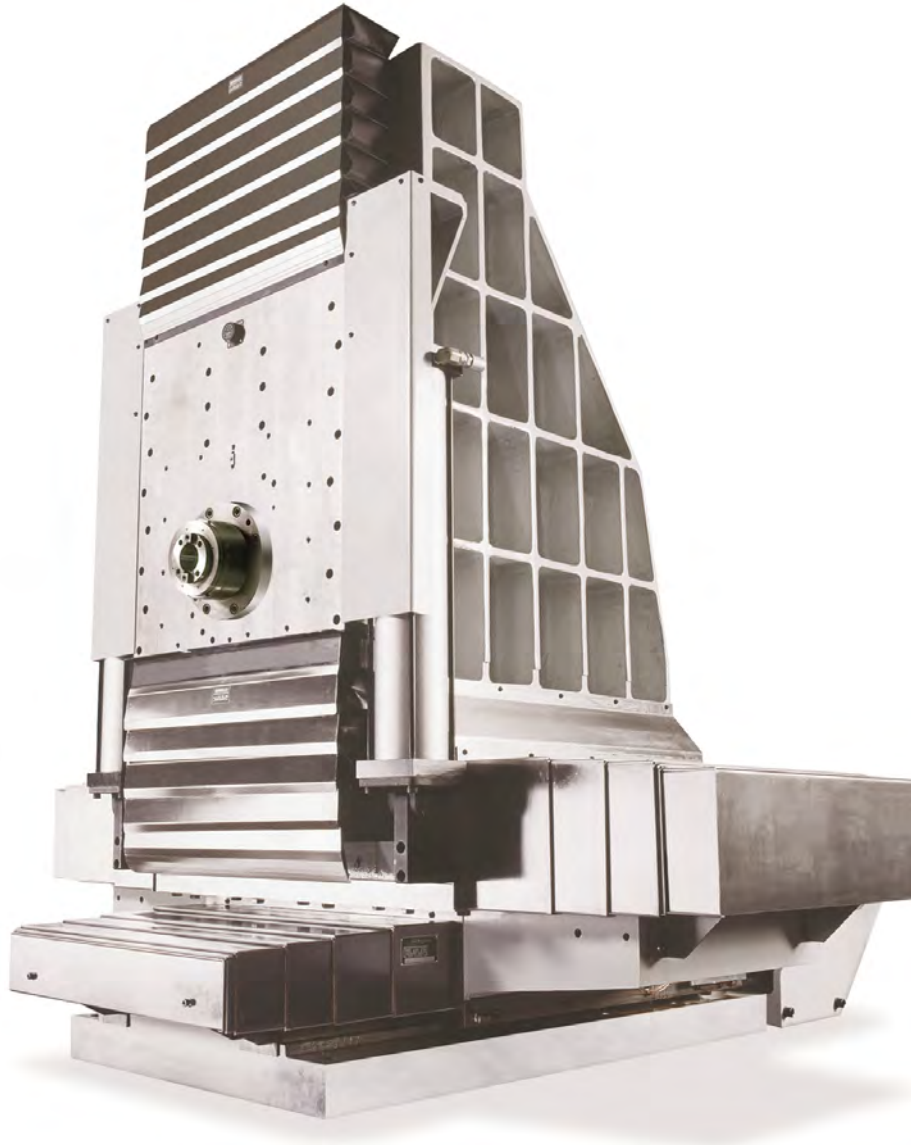


CellCon also produces the Series 6 family of Horizontal Machining Centers:

Flexible • Reconfigurable
Durable • Affordable



Pre-engineered 3-axis machining modules.

CellCon
CELLULAR CONCEPTS

Platform-based CNC Machining Systems Get Into Production Sooner

400 Frame

The choice is yours.

500 Frame

Cell Con's new range of preengineered production modules come with the capacity you need to quickly create the most cost-effective flexible machining system ever to hit the production floor.

Flexible.

Cell Con will work with you to supply the production modules you need, larger or smaller, with or without CNC, with a full range of spindle options. Because the equipment is pre-engineered and pretested, it can be delivered quickly, ready to plug and play.

Based upon the modular building block concept, the Cell Con systems begin with a selection of frame sizes which serve as platforms for complete 3-axis CNC machining stations for in-line transfer systems, dial machines, or cells.

Step 1
Check the specifications for each frame size range, and match it to production needs - lighter or heavier cutting.

Step 2
Select a spindle style that best suits your application - horizontal, turret head, vertical or platen to accept a special spindle design of your choice.

It's simple to specify the module that will work best in your project, whether you are creating a new production system or retrofitting an existing system.

Thrust load (axial)	2,000 in/lbs
Side load (radial)	400 in/lbs
Box way size (x and z)	4 in.
Ball screw dia.	1.25 in
Weight	3,900 lbs
Travels (x,y and z)	24" x 21" x 18"
Great drilling capacity	
Ribbed cast iron construction	
Box ways, hardened and ground	

- optional 32" cross slide available



Platen Head:

400 PLAT: The basic 500-frame system, supplied without spindle, capable of accepting custom heads installed for job specific applications, including gauging heads and multi-spindleheads.

Horizontal Spindle:

H-15 Shelf Unit: SO-taper, 30-hp capable horizontal spindle; options include automatic drawbar, coolant through spindle; spindle speed range up to 8,000 RPM; custom spindles with speeds above 20,000 RPM available as options.

THH-10 Shelf Unit: HSK 63 or ABS 50 spindle style, 6-station, turret head with 10-hp capability; 2.0 second tool change time; coolant through spindle; spindle speed ranges up to 8,000 RPM.

Vertical Spindle:

V-7.5 Shelf Unit: a 50-taper, 15-hp capable vertical spindle; coolant through tool and automatic drawbar available.



Thrust load (axial)	3,000 in/lbs
Side load (radial)	1,200 in/lbs
Box way size (x and z axes)	6 in.
Ball screw dia.	2.25 in
Weight	10,900 lbs
Travels (x,y and z) *	21.6" x 21.6" x 26"
Heavy milling capacity	
Ribbed cast iron construction	
Box ways, hardened and ground	

- optional 32" cross slide available



Platen Head:

500 PLAT: The basic 500-frame system, supplied without spindle, capable of accepting custom heads installed for job specific applications, including gauging heads and multi-spindleheads.

Horizontal Spindle:

H-30 Shelf Unit: SO-taper, 30-hp capable horizontal spindle; options include automatic drawbar, coolant through spindle; spindle speed range up to 8,000 RPM; custom spindles with speeds above 20,000 RPM available as options.

THH-15 Shelf Unit: HSK 80 or ABS 50 spindle style, 6-station, turret head system with 15-hp capability; 2.9 second tool change time; coolant through spindle available; spindle speed range up to 8,000 RPM.

Vertical Spindle:

V-15 Shelf Unit: a 50-taper, 15-hp capable vertical spindle; coolant through tool and automatic drawbar available.



Reconfigurable.

Should processes change, the spindle styles can be changed and modules can be reprogrammed for true reusability. Your Cell Con-based system need never be obsoleted. They can be rearranged quickly and reprogrammed in hours for a whole new assignment at minimal cost - a strategy unavailable to hard-tooled special machines. Cell Con-based production systems dramatically reduce capital equipment cost.

Affordable.

With just-in-time delivery of fully assembled modules, Cell Con systems also save design, engineering, assembly and documentation hours. Affordable initial capital cost and economical operation keep life cycle costs low. And the modules are easy to finance.

Durable.

The original cost-effective module for production systems, more than 800 Cell Cons are already at work in some of the toughest production environments. Ruggedly constructed of high-quality, machine tool standard, off-the-shelf components, each Cell Con is designed for a long, productive service life. Any repair is simple, and replacement parts lists are short. We stock complete spare parts stores for quick shipping in 24 hours.

CellCon also produces the Series 6 family of Horizontal Machining Centers:

H-1SS Simplex
H-1SP Pallet Indexer
H-15D Duplex



Shown in cutaway, a powerful 15-hp, horizontal spindle and work envelope of 24" x 21" x 18" make the Series 6 ideal for production job shop applications.

CellCon
CELLULAR CONCEPTS

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