



Stone Processing Machinery

CX4 4-axis CNC



...THREE OPEN SIDES!

Four axis cantilevered monoblock stone CNC machine

**Compact size, full size work pieces • Unique 3-sides open gantry for easy entry
Fully automated interpolated 4-axis stone CNC • Fully automated tool change**



WELCOME TO REVOLUTIO



CX4 4-axis CNC

NARY CNC MACHINING!



CX4

Putting production first!

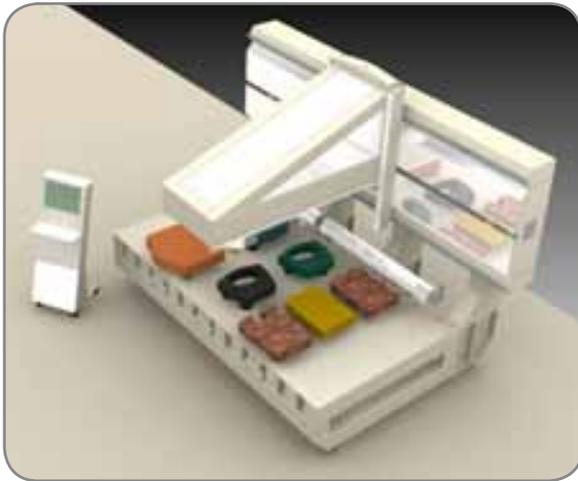
The CX4 has been designed with high production in mind. With the CX4's compact design, open gantry for easy loading and innovative, easy-to-use software you will save valuable time on the whole CNC process.

WHAT DO YOU WANT TO DO?

CX4 - FLEXIBLE, SIMPLE, EFFICIENT

The **flexibility** of three completely open sides mean you can find the best solution for your specific needs and requirements. The **simplicity** of the ScandSOFT software allows for quick set up times. The **efficiency** of a robust and powerful spindle, together with the monoblock design means future layout changes are also easy with the flexible CX4 CNC.

Place and program multiple workpieces in one set up!



Precision Machining with 4 Interpolated Axis

4 interpolated axis means all the machines axis can work together simultaneously. Precision machining with 4 interpolated axis means you can finish a complete workpiece in one set up. Not only does an interpolated 4-axis CNC save money, 4-axis machining opens the door for more complex contour work, which may require simultaneous movement of all axis. The CX4 offers high precision on all axis.

SAFETY FIRST

An adaptable CNC demands an adaptable safety barrier. The safety barrier should not only be adaptable to the premises, but also to your preferences for loading and unloading material to and from the CNC. CX4's extensively developed module system and laser barriers make maximum flexibility possible, at the same time meeting the modern industries high standards for safety in combination with controlled access for qualified personnel.



RELIABILITY, AVAILABILITY, MAINTAINABILITY AND SIMPLICITY

We bring skill, quality & experience to all our solutions

Today's solutions within CNC-technology demand high precision. You can find this with competent and reliable technology, both for custom designed concepts as well as standard applications. CX4 is equipped with, among other things, the following systems and components:

- ▶ Stainless steel panels
- ▶ Top quality paint treatment, developed for abrasive and corrosive environments
- ▶ Rigid frame made from high strength Swedish steel



On the CX4 we use state-of-the-art heavy load runner blocks with self lubricating modules, double seals and scrapers. The linear guide rails are stainless steel to stand the corrosive environment.



While some other machines are equipped with rack and pinion, Scandinvent has decided to use state of the art linear motion technology - Precision Ball Screw Drives. The benefits are, amongst other things:

- ▶ High precision
- ▶ High shock load capability
- ▶ High rigidity

OPTIONAL SOLUTIONS ON REQUEST

Sawing
aggregates



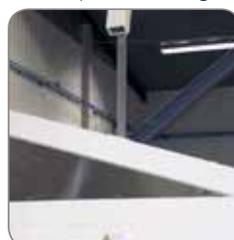
Sawing/drilling
aggregates



Aggregates for special
operations



Camera for slab imaging
and photo nesting



Automatic tool measuring

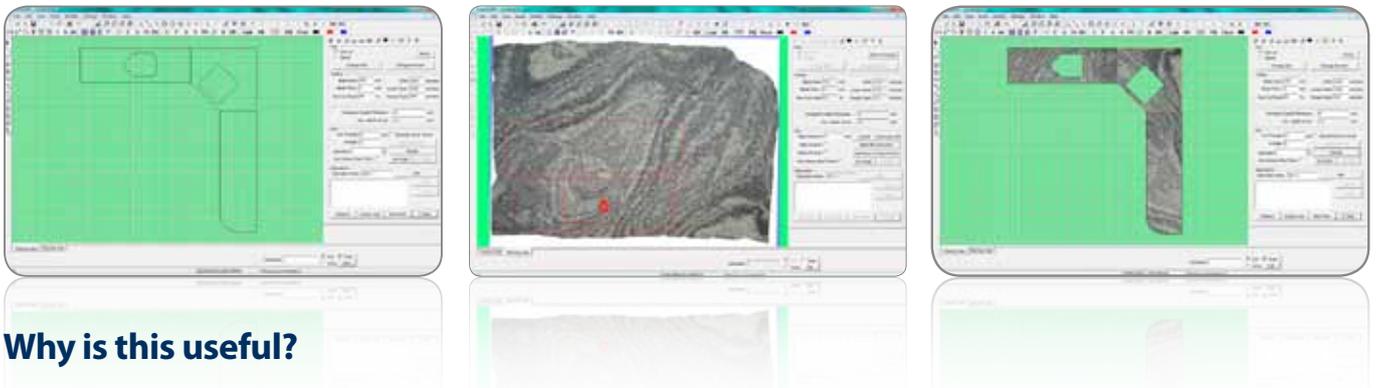


BRILLIANT INNOVATION FOR SIMPLE OPERATION

ScandSOFT™, together with the CX4, means you can cut almost any shape automatically, in one program.

Scandinvents software ScandSOFT™ is:

- ▶ Userfriendly
- ▶ Developed together with experienced stoneworkers
- ▶ Demands no prior experience of CNC-knowledge
- ▶ For advanced kitchen design, the CX4 with ScandSOFT™ allows the actual slabs being used to be photographed and imported into the CAD program.



Why is this useful?

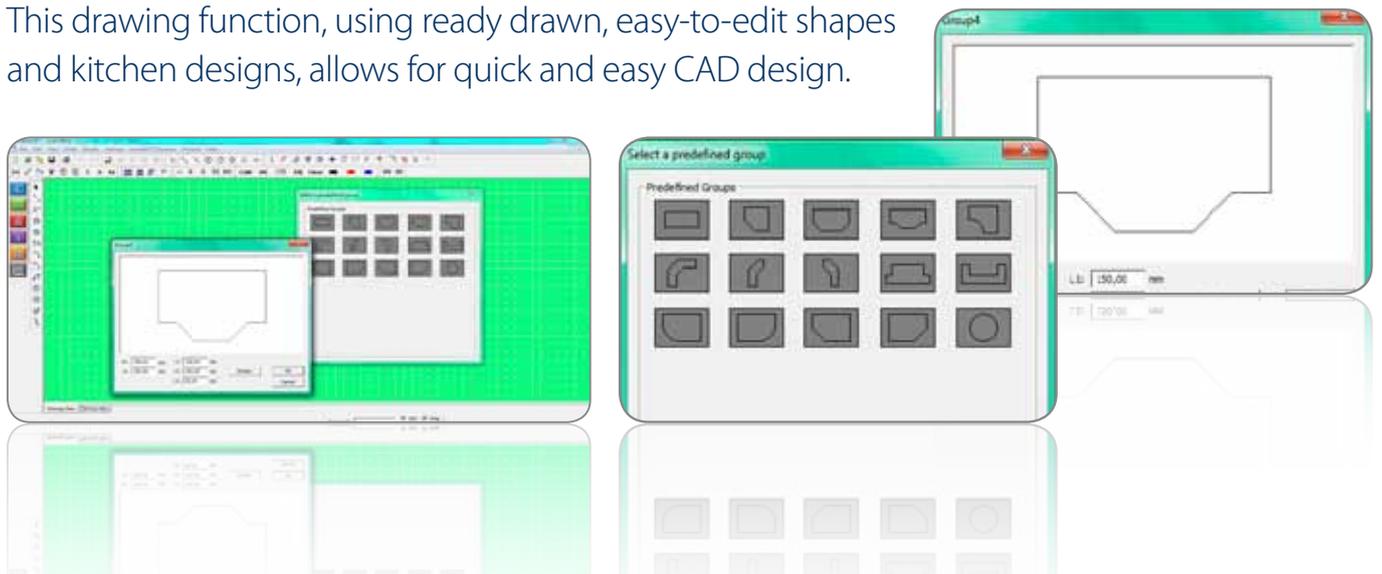
On the 22" LCD display, the proposed cut-outs can be virtually arranged in the ScandSOFT™ program by the operator, on top of a photo of the actual slab you'll be cutting. It's just like manually laying out a template on the slab of a manual cutting operation, only with the CX4 you do it on a computer screen.

You are able to print the image for yours and the customer's final approval. Now you can check inherent patterns, fissures, anomalies or defects in the stone before you cut it.

This nesting program optimizes your time and reduces waste.

PREDEFINED GROUPS

This drawing function, using ready drawn, easy-to-edit shapes and kitchen designs, allows for quick and easy CAD design.



OPERATIONS

Kitchen tops & vanities



Shower trays and sinks



Monuments and Engraving



High precision scanning and engraving



SCANDINVENT

Everything about the ScandInvent machines is designed to be an extension of the way masons already work so that operation of them is intuitive and straight forward.

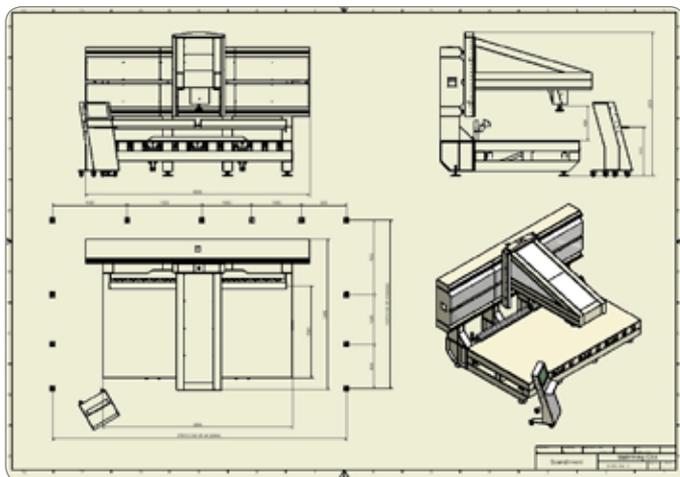
“We try to think of the problems masonry companies face and solve them”

With the CX4, Scandinvent have combined reliability and simplicity in a high quality and affordable, state-of-the-art piece of stone workshop machinery.

“Our philosophy is that high-quality, reliable machinery combined with high-quality after sales service ensures customer loyalty”



CX4 TECHNICAL DATA



Dimension of the work table	mm	3800 x 1900
	inch	153.5 x 74.8
Cutting stroke X-axis (along the back)	mm	3350
	inch	131.8
Cutting stroke Y-axis (in and out)	mm	1900
	inch	74.8
Cutting stroke Z-axis (up and down)	mm	450
	inch	17.7
Motor power	kW	9.2
	Hp	12.3
Max rotation on the spindle unit	rpm	12000
Dimensions (LxWx H)	mm	4500 x 3050 x 2900
	inch	177 x 120 x 114
Weight	kg	4500
	lbs	9920

Scandinvent AB reserves the right to develop and improve any products specifications and designs, including whilst contracts are being executed. In this regard, all figures supplied should be viewed as indicative and approximate.

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