

CONTUUREX ARTIS+.

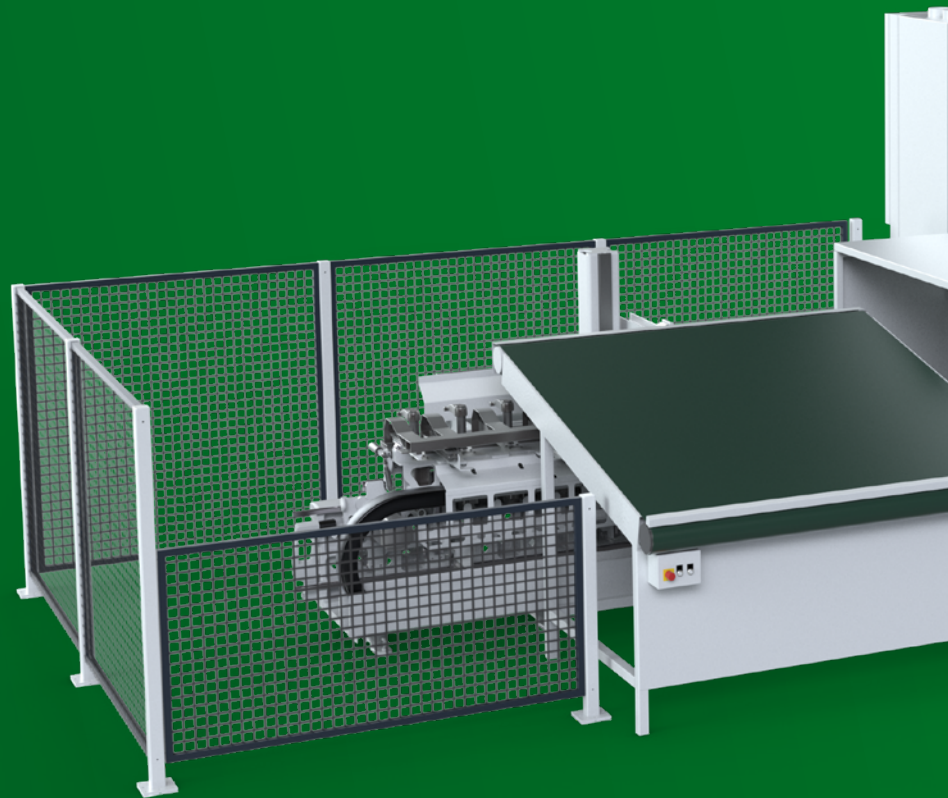
ECONOMICAL CNC MACHINING FOR
SMALL BUSINESSES.



WEINIG OFFERS MORE.



THE EASY AND AUTONOMOUS WAY TO PRODUCE WINDOWS.



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The Conturex series from WEINIG has become indispensable in the field of window, door and furniture production. The Conturex Artis+ CNC machining center opens up all the advantages of automated production to your workshop business as well – at an excellent price-performance ratio.

Whether profiling, drilling or milling: The Conturex Artis+ does the work of several machines in just one

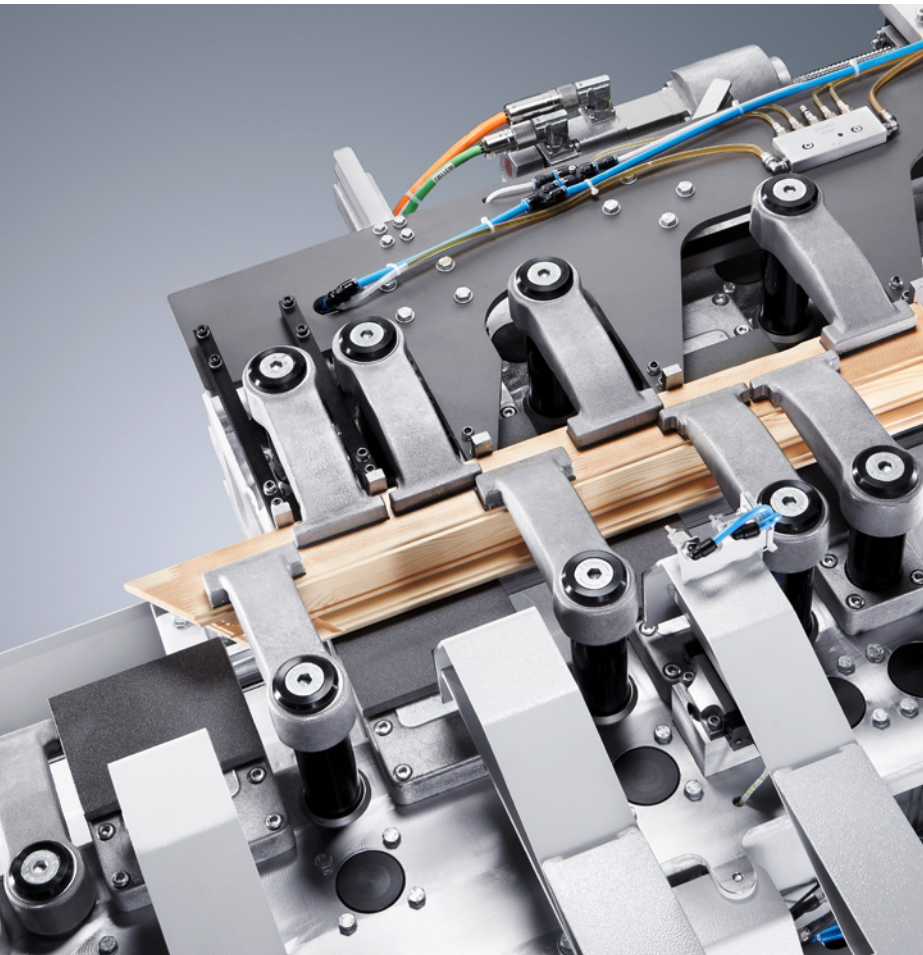
step. And it works quickly, reliably, flexibly and autonomously. Tool changes are automatic, which minimizes your setup times and reduces the workload on your staff. Thanks to its compact design, the Conturex Artis+ fits into virtually any workshop.

The RePos Easy option extends the clamping options for workpieces and simplifies the processing of narrow profiles – for consistently high-quality results.



POWER ON DEMAND.

The Conturex Artis+ is a convenient and cost-effective way for workshop businesses to move into autonomous production. Thanks to its high degree of automation, it combines several processing steps in a single work step. With its powerful PowerGrip clamping table, it features superior clamping options for narrow and wide profiles. The simple operating concept is self-explanatory. The Conturex Artis+ relies on several axis, thereby minimizing manual actions and enabling you to manufacture flexibly and safely with huge time savings.



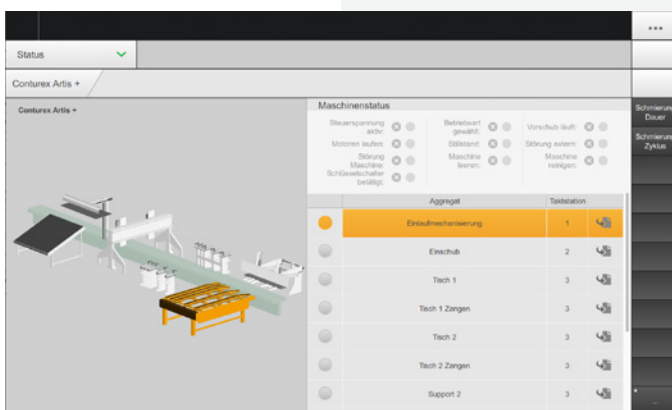
FAST THROUGHPUT, HIGH PROFITABILITY.

With the Conturex Artis+, nothing stands in the way of autonomous production. This is ensured by the high degree of automation of the fully automatic CNC machining center. Thanks to short setup times and high throughput performance, it achieves impressive efficiency. With units perfectly aligned to your needs, the Conturex Artis+ reacts quickly and flexibly to changes or new requirements. "Just-in-time" production on a commission basis can be easily implemented thanks to optimized tool systems. Overall, the Conturex Artis+ offers an increase in performance that makes it easy to tap into new market segments.

MORE AXIS, LESS MANUAL WORK.

The Conturex Artis+ is available with 4- or 5-axis technology. The 30 kW main spindle achieves significant time savings along with higher productivity. Due to the machine's high on-demand power, profiles can be made in just one processing step.

In addition, the air-cooled main spindles are virtually maintenance-free and thus guarantee high machine availability. The indirect drive of the Conturex Artis+ reliably protects the motor even in critical situations.



EASY TO OPERATE, MAXIMUM PRECISION.

With its PowerGrip clamping table, the Conturex Artis+ can securely clamp and flexibly process widths of up to 260 mm as well as the smallest dimensions. The integration of the patented WEINIG clamping technology ensures ultra-precise, complete processing of individual parts in a throughfeed process. The parts are clamped fully automatically using smart software solutions and individually controlled with the WMC control system.

As a result, the Conturex Artis+ ensures impressive dimensional accuracy, profile accuracy and outstanding surface quality for all workpieces.

VERSATILE PRODUCTION FROM SINGLE-ITEM BATCHES.

Whether windows, furniture or toys: With two 11-gripper clamping tables, the Conturex Artis+ processes a wide variety of parts in a single clamping process and does so economically even for single-item batches. By the fast, direct and absolutely precise part transfer from table to table, even narrow profiles are clamped securely.



ROBUST MACHINE BODY.

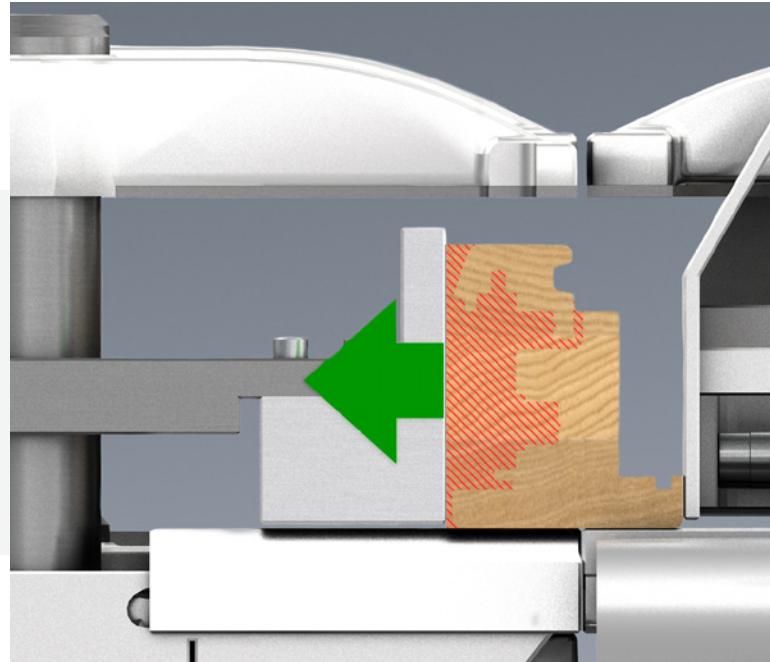
Thanks to its sturdy gantry design, the Conturex Artis+ can be equipped with heavy units. Cast iron tracks ensure a high level of dynamism. Basically, this CNC profiling center is designed for complete machining of heavy solid wood applications.

TIME-NEUTRAL PARTS FLOW.

The Conturex Artis+ has a separate infeed and outfeed area. Loading and unloading takes place in a continuous flow principle without any loss of time. The ergonomic design also ensures that the workpieces can always be positioned and removed at the optimal height.

MORE FLEXIBILITY WITH POWERGRIP REPOS EASY.

This option facilitates workpiece clamping and also handles narrow profiles and new window systems flexibly. The WEINIG RePos clamping system guarantees the best surface quality. The Conturex Artis+ is therefore well positioned for the future.



HIGH DEGREE OF AUTOMATION.

Even in the standard version, the Conturex Artis+ works fully automatically. Depending on configuration, the output and degree of automation can even be increased so that the operator only has to spend about 20% of their time with the machine. This means that production can be carried out in off-peak times as well as during extended shifts.

WIDE RANGE OF EQUIPMENT VARIATIONS.

The Conturex Artis+ offers a variety of equipment variations that allow it to be perfectly matched to different applications. For example, you can use a universal spindle for the production of complex window profiles or a 5-axis head for absolute flexibility in furniture production. Various additional units can be used for even more performance, e.g. when processing fittings.



SMART SOFTWARE SOLUTIONS: WEINIG CAM, SIM AND WMC.



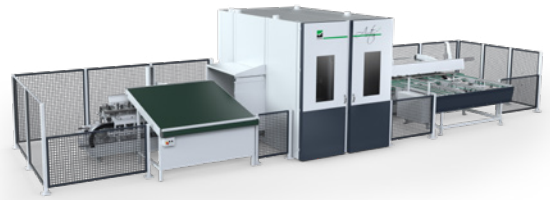
Do you want your new Conturex Artis+ to work quickly and flexibly while producing top quality? And is it just as important to you that it is easy to program and offers high production reliability?

An open interface to all common industry software solutions combined with WEINIG CAM provides the optimal programming platform for your application. Even parametric special parts, conservatory constructions, door leaves and special window shapes can be programmed in no time at all through the simple use of macros. Subsequent simulation of the processes with WEINIG SIM allows the parts to be tested and optimized in advance. This increases operating and production reliability enormously.

Do you want an intuitive control concept that can be used quickly and easily without lengthy training?

WEINIG Machine Control (WMC) is the perfect answer to your requirements. The Conturex Artis+ is supplied with the new SINUMERIK ONE control software, making it truly state-of-the-art. Thanks to the isometric representation of the tools on the display unit, the operator can immediately see which tools are in the machine's magazine and where it is located if replacement is needed. Visual warnings immediately alert the operator to any positioned workpieces with incorrect dimensions.

TECHNICAL SPECIFICATIONS AT A GLANCE.



	Standard	Optional
One gantry – gantry on one side with two possible spindle positions	✓	
Two PowerGrip clamping tables	✓	
RePos Easy		○
Max. travel speeds of main axes X, Y, Z	145, 120, 60 m/min	
EQF (automatic transverse infeed) – buffer length	1000 mm - 4000 mm	
AQF (automatic transverse outfeed) – buffer length	1500 mm - 4500 mm	
Plausibility check	✓	
Main spindles infinitely variable from 0 – 18,000 rpm, operating mode S1/S6 (40%)	20 kW / 30 kW	
Min./max. workpiece height 25-150 mm	✓	
Min./max. workpiece width 20–260 mm	✓	
Max. tool weight (per mandrel)	12 kg	
Max. tool diameter	340 mm	
Max. Tool length from HSK interface	290 mm	
Universal spindle	✓	
5-axis head		○
Undervoltage protection	✓	
Energy refeed unit	✓	
Machine enclosure (dust protection, noise protection, safety), CE-compliant	✓	
Program control: Siemens 840D SL + WEINIG Machine Control	✓	
Barcode reading system		○

WEINIG OFFERS MORE.

Those who buy a WEINIG machine today know that they are optimally equipped for the future of their business.

100% Quality – WEINIG machines must satisfy the highest standards. That is why the greatest care in development and manufacturing is a traditional virtue at WEINIG. You benefit from this by the long service life of your valuable investment.

Reliability – The availability of a machine determines how profitable your business is. WEINIG's systems are known for their high standard. More than 80,000 machines from WEINIG are operating around the globe to the utmost satisfaction of our customers.

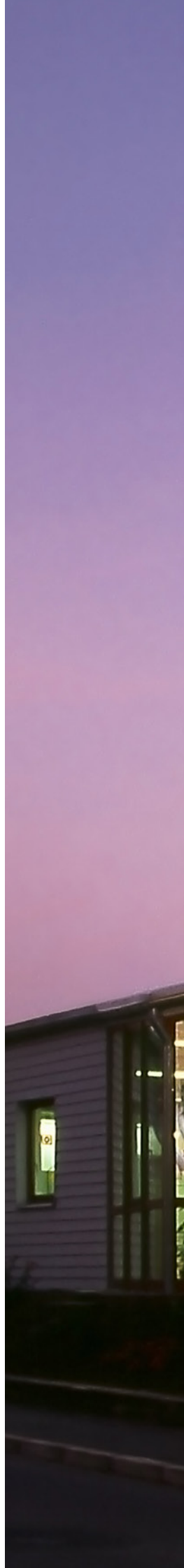
Expert advice – Whether you need the expertise of WEINIG for turnkey solutions or the know-how of a WEINIG expert at your door – you can always rely on our committed sales team. Ultimately you will have a customized solution that offers you maximum added value.

Everything from a single source –

With WEINIG you have an experienced full service provider as your partner. From rough cutting to stacking, from a stand-alone machine to a fully automated turnkey production system. And, of course, including a comprehensive service package.

LifeTime services – Reliability is

reassuring. If worse comes to worst, our trained service engineers will be quickly on site. WEINIG maintains a unique closely woven service network worldwide. It is so closely woven that no customer can fall through!





Your economical entry into CNC machining.

The Conturex is available in a wide range of system variations. Adapt your Conturex Artis+ perfectly to your particular requirements.

We will be happy to support you!
Your WEINIG experts

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