



**MARTIN**

Sägen

Hobeln

Fräsen

**MARTIN**

Otto Martin Maschinenbau  
GmbH & Co. KG  
Langenberger Straße 6  
87724 Ottobeuren/Germany

Phone + 49 ( 0 ) 83 32 / 9 11 - 0  
Fax + 49 ( 0 ) 83 32 / 9 11 -1 80  
sales@martin.info  
www.martin.info

**Sliding Table Saw T 73**

2000 le Roux 07/04

Englisch



*With your MARTIN sliding table saw, you can be sure of achieving optimum long-term performance. After all, MARTIN stands for maximum precision, extreme longevity and unique extension possibilities.*



**The T 73 BASIC:**  
Easy to use,  
Robust handling.

Page 4



**The T 73 CLASSIC:**  
The Classic for  
an accurate cut every time.

Page 6



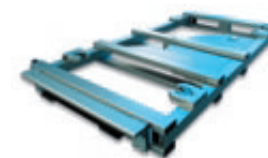
**The T 73 AUTOMATIC:**  
Automatic handling,  
an automatically good result.

Page 8



**The T 73 CNC:**  
The top model for professionals  
with the strictest requirements.

Page 10



**Accessories:**  
Individual solutions  
to meet individual needs.

Page 13

## The T 73 Basic: The ideal basis for precise work

When asked about the most important features of a good sliding table saw, many users cite properties like “a quiet saw blade”, “a precisely-moving sliding table” or an “easy-to-use parallel cutting stop”. Even the T 73 Basic offers this - and much more besides.

The fully-developed sliding table guide system, which has been successfully used for over 45 years, guarantees exact yet easy table movement over a long period. The guide works without play and therefore

with extreme precision. Smart details such as the replaceable table lip or locking the sliding table in any desired position are almost incidental.

The saw arbor, which is pre-tensioned without play in a solid grey cast iron console, guides saw blades of up to 500 mm in diameter with extreme precision, thereby ensuring a perfect cut. The complex principle of pre-tensioned bearings which is used in mechanical engineering gives you the security of durability and precision for many years of use.

Only a solid stand can give you the benefits of a good saw arbor bearing assembly and precise table guidance. That's why we at MARTIN invest a lot of design effort in our machine stands. The stand – a complex composite structure – absorbs vibrations much more effectively than a comparable cast stand or even a welded structure.

You can adjust the rip fence - which runs on ball bearings - quickly, easily and above all precisely every time, because it moves on low-wear steel guides. If you want to cut over-long parts in the centre, simply lower

it to below table level – as standard.

Each saw blade changes takes a matter of seconds, and saw arbor blocking is electro-pneumatic as standard.

Optionally equipped with a three-speed 5.5 kW motor and a parallelogram guard, the T 73 Basic is also equipped for cutting heights of up to 170 mm. The wide MARTIN range of accessories guarantees that the machine can be ideally adapted to any task.

Motor power:	4 kW
Saw blade tilting range:	0 to 46 °
Cutting height:	max. 80 mm
Saw blade diameter:	250 – 315 mm
Speed:	4000 rpm
Cutting width:	850 mm
Sliding table length:	3,000 mm
Weight:	1,650 kg



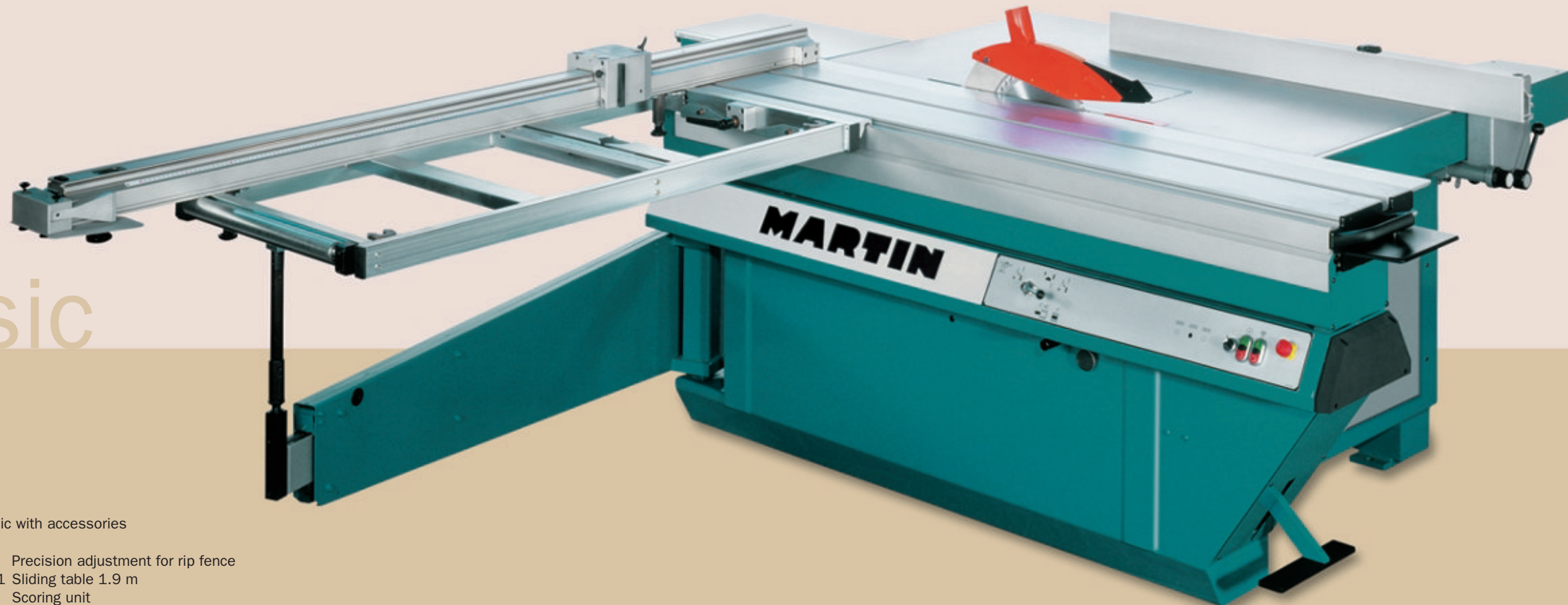
Electro-pneumatic saw arbor locking



Fold-down rip fence



Robust control system



T 73 Basic with accessories

- T 7301 Precision adjustment for rip fence
- T 7308/1 Sliding table 1.9 m
- T 7320 Scoring unit
- T 7322 Ritzfix saw blade system

# T 73 Basic

## The T 73 Classic: A classic partner for precise production.

**The classic for your workshop combines traditional control elements with electrical support. Its clear design allows fast, precise and therefore rational operation.**

The cutting height and cutting angle can be conveniently adjusted electrically. Rapid and creep speeds are available for both paths. The resolution of the angle display is 0.01°, enabling you to cut to precise angle every time. The speed and operating hours are also displayed electronically, keeping you informed of important matters at all times.

You can use saw blades of up to 500 mm without having to manage without an optional scorer. For saw blade diameters up to 450 mm, the scoring saw blades can remain on the shaft. Lower main saw blades of up to 400 mm completely below table level.

You can choose between two variants of scoring systems. The 2-axis system is adjusted on the basis of digital displays in the scoring height and left / right position axes while the machine is running. As on all standard systems, the scoring width must

be adjusted with the machine stationary. The patented MARTIN 3-axis system is completely adjusted with the machine running, as is the scoring width! This offers you the crucial advantage that the quality-relevant scoring adjustment is always made quickly and precisely.

Of course, the electro-pneumatic saw arbor blocking also supports fast tool changing on the Classic. No more complicated handling of locking arbors or special tools. Belt changing is quick and convenient, because on all T 73 machines it is performed from above

through an opening in the machine table. The optionally available stepless speed controller enables you to perfectly adapt the speed without any problem.

The optional hand crank adjustment of the table saw allows fast and at the same time precise adjustment of the cutting width – from the operator's position and to an accuracy of 1/10 mm. Of course, the parallel stop of the Classic can be lowered to below table level, optionally even by remote control.

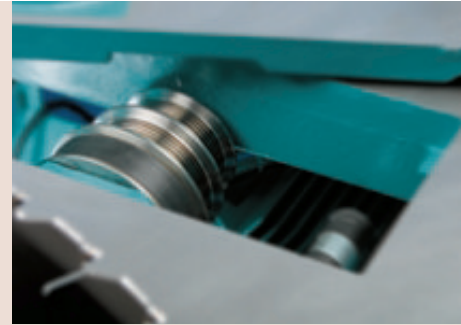
Motor power:	5.5 kW
Saw blade tilting range:	0° to 46°
Cutting height:	max. 170 mm
Saw blade diameter:	250 -500 mm
Speed:	2800 / 4000 / 5500 rpm
Cutting width:	850 mm
Sliding table length:	3,000 mm
Weight:	1,750 kg



Cutting height 170 mm

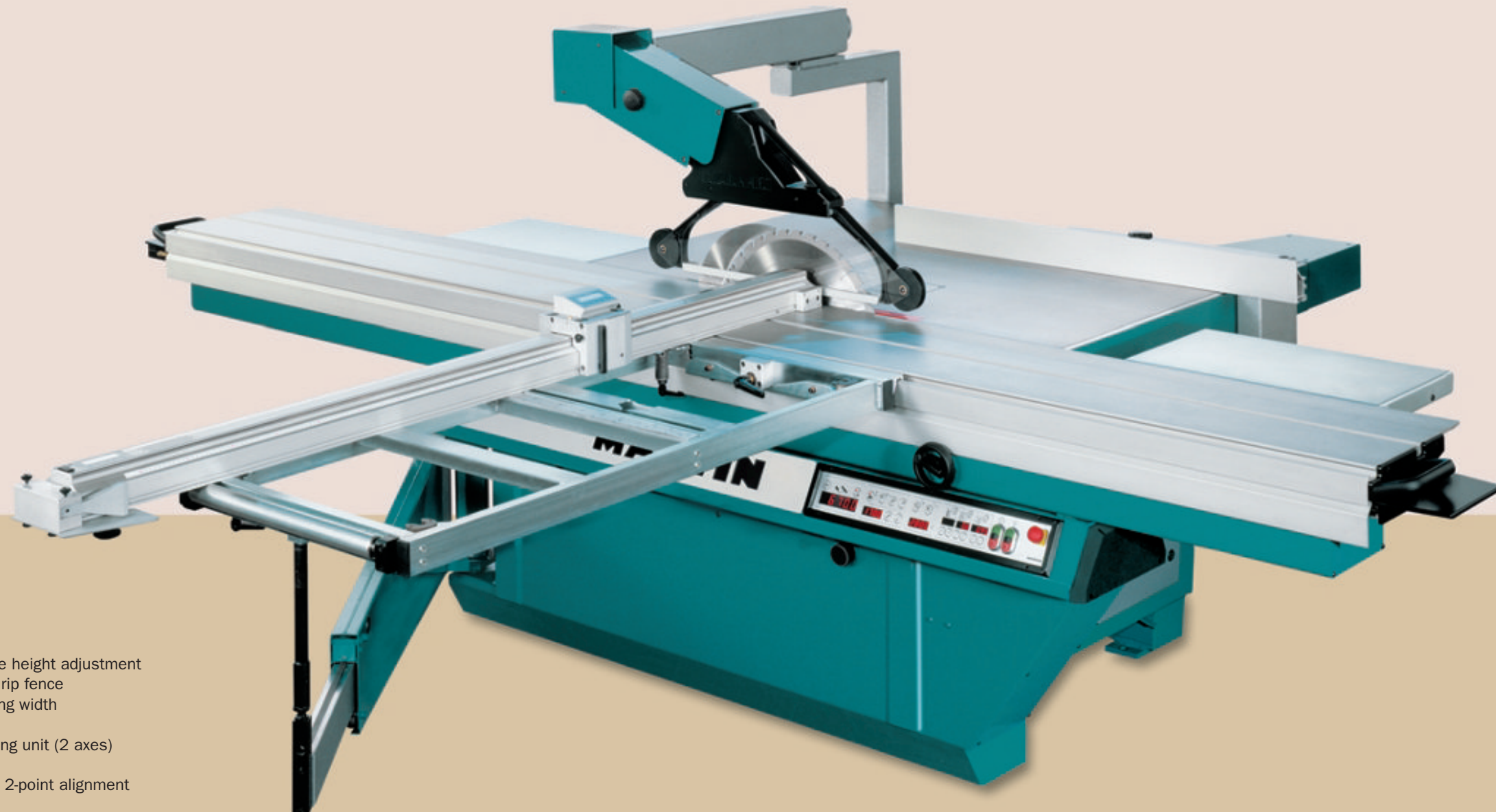


Rotation and tang point of operation



Belt change from above

# T 73 Classic



T 73 Classic with accessories

- T 7303 Digital display for saw blade height adjustment
- T 7305 Hand crank adjustment for rip fence with digital display for cutting width
- T 7308/5 Sliding table 3.7 m
- T 7321 Electrically adjustable scoring unit (2 axes)
- T 7322 Ritzfix saw blade system
- T 7340 Digital cross cut fence with 2-point alignment
- T 7367 Front support table

## The T 73 Automatic: Give yourself the support you deserve.

**The Automatic is true to its name: Modern electronics – easy to handle. The easily understandable control elements reduce incorrect settings, thereby ensuring perfect and precise results.**

You define the cutting width, height and angle dimensions you need – the controller positions the selected axis precisely to the setting you require. Both incremental and gross / net dimensions can be cut with constant precision

If the narrow guard is used, the parallel

stop moves to within 25 mm of the saw blade. The saw blade now cannot be swivelled. If however you have fitted the wide guard, the fence stops at a cutting width of 150 mm. The blade can always be swivelled up to 46°. This means that you move safely at creep speed for narrower cuts. This reliably prevents accidents, as well as damage to the guard and parallel fence.

If you work with a swivelled saw blade, you can also have the cutting dimension displayed with reference to the top side of the workpiece. You only have to inform the con-

troller of the workpiece thickness and define the dimension you require in the usual way. The machine now calculates the swivel angle with the workpiece thickness and positions the stop accordingly.

The mitre cross cut table allows you to perform exact angle cuts in the plane quickly, easily and precisely. This table makes your machine the perfect angle-cutting tool. All angles from + 46.5° to – 46.5° can be set in seconds with a resolution of 0.01°. A patented gauge performs the length compensation for any desired angle.

Machining larger panels is an ideal job for the optional multi-function table. A hand wheel moves two fences together exactly parallel. This positions large, long workpieces - exactly positioned and lying securely on the sliding table - perfectly cut.

Two scorers are available. The 2-axis system is adjusted in the scoring height and left/right position axes while the machine is running. As on all standard systems, the scoring width must be adjusted with the machine stationary.

The patented MARTIN 3-axis system is

completely adjusted with the machine running, as is the scoring width. This enables you to perform the quality-relevant scorer adjustment quickly and precisely every time.

Motor power:	5.5 kW
Saw blade tilting range:	0 to 46°
Cutting height:	max. 170 mm
Saw blade diameter:	250 -500 mm
Speed:	2800 / 4000 / 5500 rpm
Cutting width:	1,100 mm
Sliding table length:	3,000 mm
Weight:	1,950 kg



Precise cross cuts accurate to 0.10 mm



Automatic lowering of the rip fence



Operation at a glance



# T 73 Automatic

T 73 Automatic with accessories

- T 7323 Electrically adjustable scoring unit (3 axes)
- T 7340 Digital cross cut fence with 2-point alignment
- T 7339/1 Fixed graduation
- T 7358 Multi-function table
- T 7364/1 Roller support
- T 7369/1 Radio-controlled pneumatic clamp
- T 7371 Motorised sliding table
- T 7374 Pneumatically lowerable rip fence
- T 7376 Stepless speed control for the main saw blade

## The T 73 CNC: The formula for success: Modern technology for modern production

**The top model for customers who demand modern production. Here the electronics does what the operator otherwise has to do.**

The clearly structured Programmable Logic Controller (PLC) of the CNC opens up previously unheard-of possibilities.

Insert a new saw blade, and simply enter the short designation of this blade in the controller. The tool calculator immediately recognises important information such as diameter, stock thickness and the saw blade

cutting strength. This allows exact 100 per cent cuts, particularly with a tilted saw blade, the blade geometry being continuously calculated

The controller has space for the data of 100 tools. Up to 1000 sets of cutting data can be stored, which depending on the configuration is equivalent to as many as 7000 individual values! Despite the mass of information, the operating structure is such that you never get confused.

In conjunction with the optional mitre cross cut table and the electronically controlled

cross cut fence, the CNC even automatically performs the length compensation on the cross cut fence that's required for accurate angle cuts. All you have to do is enter the set table angle and the machine does the rest.

If you work with pre-formatted panels that already have bar code stickers from the rip cut made during work preparation, further machining on the T 73 CNC presents no problem. The optional bar code reader reads the cutting information and the machine adjusts itself accordingly.

If you want to send complete cutting lists to the machine, the cutting optimisation software ARDIS is an ideal solution. This external optimisation software can supply the machine with cutting data directly from the work preparation stage. This keeps human error to a minimum when entering dimensions.

Motor power:	5.5 kW
Saw blade tilting range:	0 to 46°
Cutting height:	max. 170 mm
Saw blade diameter:	250 -500 mm
Speed:	2800 / 4000 / 5500 rpm
Cutting width:	1,100 mm
Sliding table length:	3,000 mm
Weight:	1,950 kg



Electronically controlled cross cuts



Modern electronics: easy to operate



Perfect angle cuts



# T 73 CNC

T 73 CNC with accessories

- T 7310/3 Cutting width 1350 mm
- T 7323 Electrically adjustable scoring unit (3 axes)
- T 7335 Mitre cross cut table
- T 7350 Electronically controlled cross cut fence

## T 73 CNC: Technology details

There are basically three different ways of optimally using the T 73 CNC. Depending on the desired degree of integration into the internal workshop data flow, the various methods have specific advantages.

The easiest way of using the strengths of the T 73 machines for cutting is to process the cutting data using optimisation software such as that supplied by ARDIS. Following optimised cutting plans, you still press the keys to enter the required cutting dimensions in the controller. The advantage of this

solution lies in its simplicity and flexibility.

The following two solutions are tailored specifically to the possibilities offered by the T 73 CNC. This decisively increases the efficiency of your T 73 CNC.

If you still separate the rip cut from the final cut in your production, the option "bar code reader" T 7390 offers a significant increase in productivity even without connecting the T 73 CNC online with work preparation.

In the rip cut, e.g. on the vertical panel saw, the panels being formatted on the T 73

are given bar code stickers from the work preparation stage. This possibility is provided by standard industry software. Even if these roughly separated panels arrive at the sliding table saw as an unsorted stack of panels, each panel can be clearly identified in a matter of seconds. The crucial point is that all important workpiece information is stored directly in the bar code and is also transferred directly to the controller. This represents a calculable time saving with a perfect cutting result.

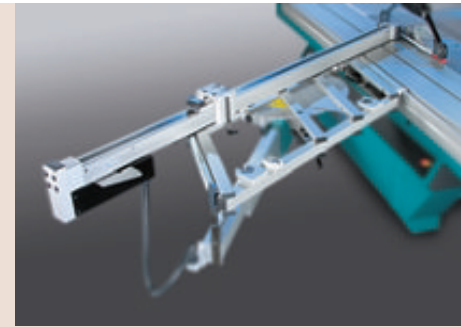
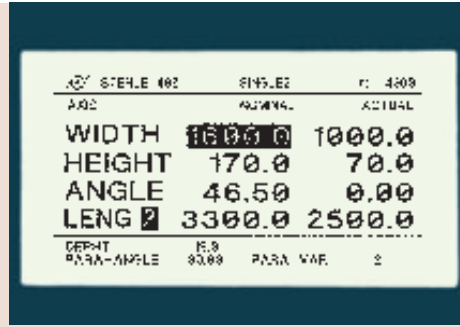
If you place value on full integration of the

sliding table saw into the workshop's data flow, the T 73 CNC can be supplied with data directly online from a work preparation PC with the option "PC connection" T 7391. The optimisation software ARDIS automatically makes cutting lists out of parts lists - optimised from the available panel material. The machine operator collects the job online from work preparation in production. One press of a key and the up to 4 machine axes position themselves quickly, accurately and with repeated accuracy. Even the adjustment values for the optional mitre cross cut

table T 7335 can be transferred at the same time. Using the cutting software ARDIS ensures optimum machine capacity utilisation, profitable quantity use, less waste and optimum storage. This means that you optimise panel purchasing and minimise scrap. Any size of company can increase its productivity in this way.

ARDIS offers a variety of mutually complementary modules that allow the extension of a complete central work preparation system, and not just for sliding table saws. Cutting can always be optimised. From an

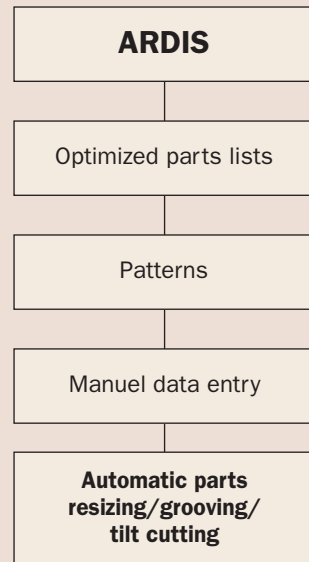
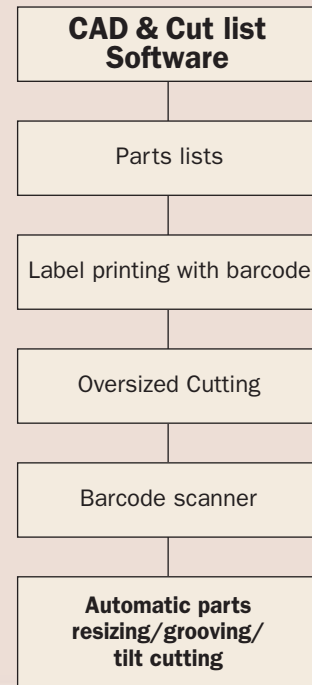
insular solution through to integrating the system into the industrial production process. Look to the future and optimise not just your cutting.



Electronically controlled cross cuts

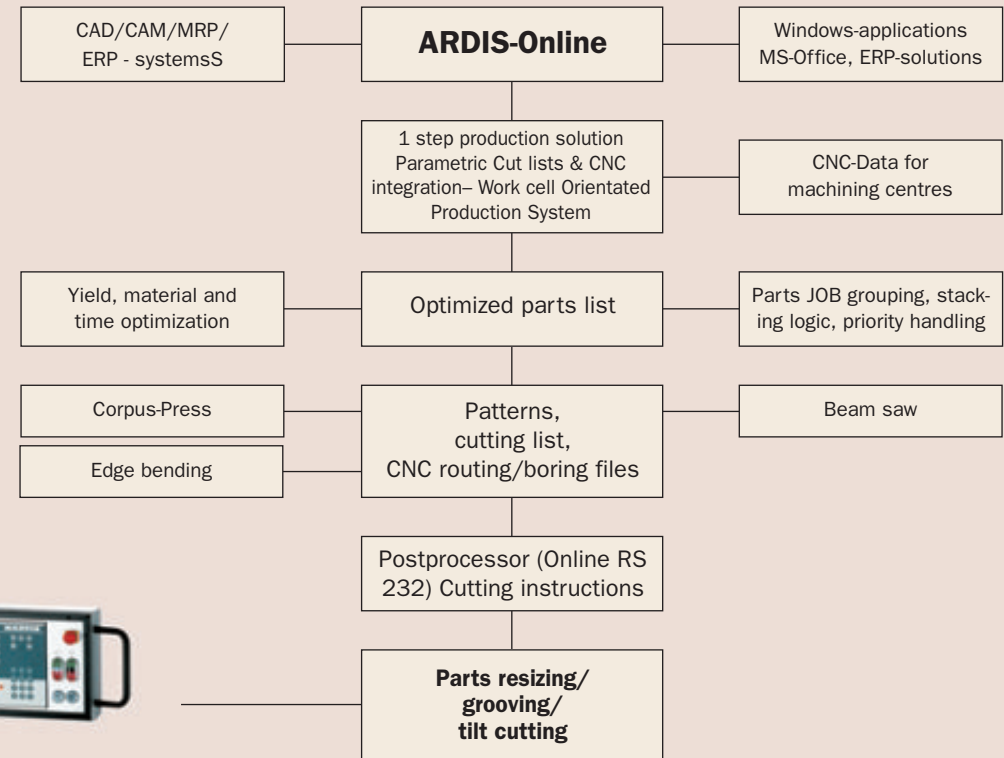
LCD display of the T 73 CNC

Electronically controlled cross cuts



### ARDIS

- The operator enters data for the required edge and panel material in the software
- ARDIS determines what's needed and optimises
- The optimisation results are summarised in cutting plans and overview tables
- Manual entry of the optimised cutting sequence in the T 73 controller



### Industry software

- Parts lists for raw and final cuts are compiled in industry software
- Cutting values are printed out as bar codes on labels
- The rip cut is made
- Cutting values are read into the T 73 CNC via a connected scanner
- No possibility of input errors on the machine
- No more pre-sorting of the cut material is required



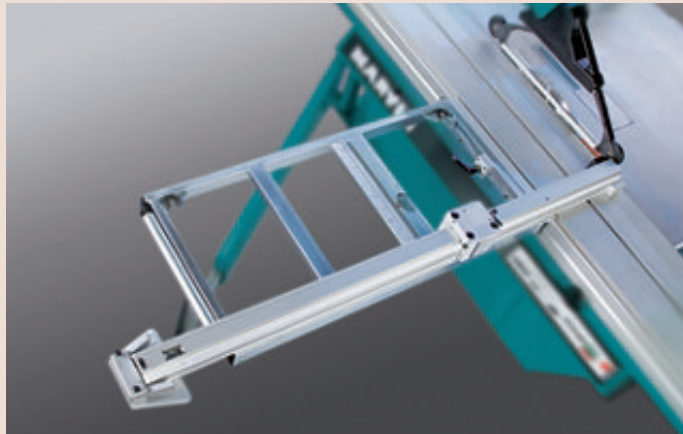
### ARDIS-Online

- Uncomplicated import of part or parts lists into ARDIS from industry software, CAD programs or Windows applications, or direct creation in ARDIS.
- Modular structure of the optimisation software allows precise cutting to suit your needs.
- Possibility of transfer to other machines,

- such as an edge-cutting machine or BAZ.
- Data transfer online and "on demand" to the T 73 CNC controller
- No possibility of input errors on the machine
- Data can be called up again at any time if cases of material or cut problems.
- Graphic cut tracing is possible

# Accessories

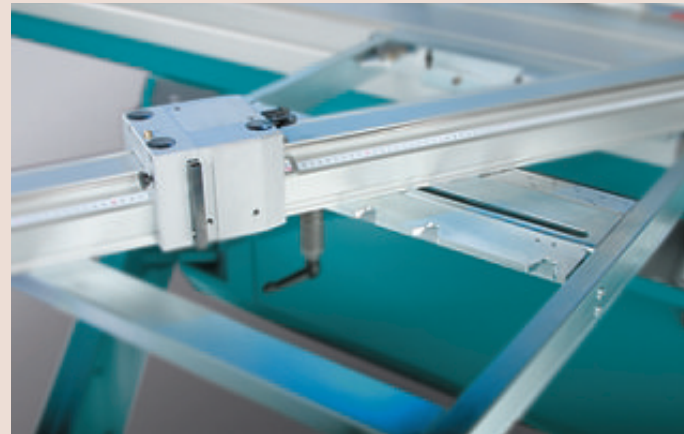
## Fixed graduation on the standard cross cut table



Standard cross cut table of the T 73

The stable but light cross cut table is a standard feature of all T 73 saws. It can be attached along the entire length of the sliding table, and clamping requires only one hand. The roller helps larger workpieces to be put on and removed, and also prevents damage.

Simple movement of the cross cut fence on the cross cut table allows it to be used on the cross cut table in the front and rear positions. This quickly brings the stop into the best position for the type of work being performed.



Fixed graduation T 7330

The integrated clamp guide with angle scale enables precise angle cuts to be made even with just the standard table. Any angle between 0° and 50° can be precisely set thanks to the large scale graduation.

If you often cut fixed angles (15°/22,5°/30°/45°), the option "fixed graduation T 7330" makes work much easier. Simple movement of the outer clamping element into the fixture sets the respective angle accurately and securely.

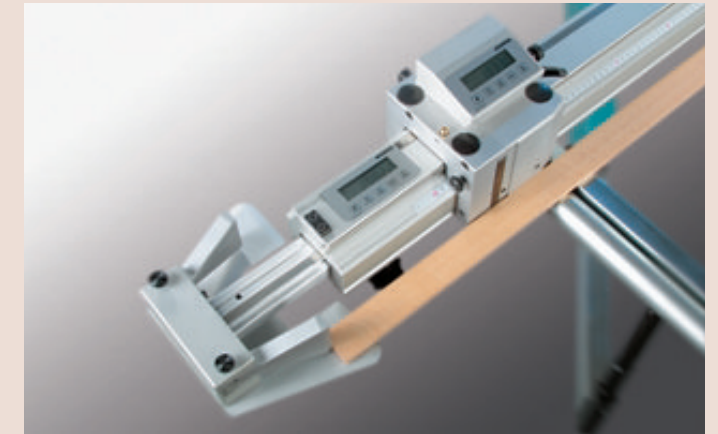
## Analog and digital cross cut fence with 2-point alignment



Standard analog cross cut fence with 2-point alignment

All T 73 machines come as standard with the proven MARTIN 2-point cross cut fence. The crucial advantage of this fence is that it aligns the workpiece at two points. Only in this way are slightly concave cuts that repeatedly arise due to stresses in the panel always cut to the exact angle required.

The magnifier, easily legible scale and standard precision adjustment for the inner fence element allow you to set cutting lengths of 200 – 1975 mm quickly and with extreme precision. The quick-action clamp allows quick changing between sizes,

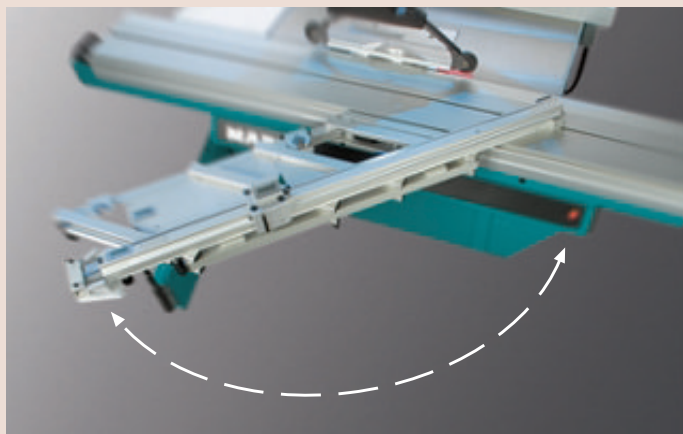


Digital cross cut fence with 2-point alignment T 7340

and lengths of up to 3300 mm can be cut with the extendable second stop.

If you prefer working with digitally precise dimensions, the digital cross cut fence T 7340 is the right option for you. The inner and outer fences work with separate measuring units and can thereby be set to accuracies of 1/10 mm independently from each other. Each display can be set to a relative dimension display, making incremental cuts quick.

## Mitre cross cut table and gauge for length compensation



Mitre cross cut table T 7335

Do you need exact, precise angle cuts on small and large panels and ledges? Do you want to be able to work immediately without having to fit more attachments to the machine? No problem with the mitre cross cut table!

You will always have a sufficiently large rest for your workpieces exactly where you need it. One manual action releases the lock, and you can set the table in the range  $\pm 46.50^\circ$  using the LCD display (with a resolution of 1/100°).



Gauge for length compensation T 7339

Another important detail is the robust 0° clamp with which you can move it back into the "right angle" (90°) position at any time with no problem.

If you want to cut a certain length besides an exact angle, you must perform length compensation for the fence using the gauge T 7339. Compensation is performed quickly, steplessly for every angle and above all precisely. The gauge is supplied with the mitre cross cut table.

## Analog and digital cross cut fence with seamless alignment



Analog cross cut fence with seamless alignment T 7337

You can also optionally configure your machine with a cross cut fence with seamless alignment. Unlike the standard version, this model has large flip-stops and the workpiece is closely against the fence at all points.

This is particularly helpful if you often work with thin, flexible material. The cutting quality can be regulated by the fence, allowing accurate cutting.

Here too, the inner fence element can be precisely adjusted with precision adjustment and the scale magnifier. The fence



Digital cross cut fence with seamless alignment T 7341

element's quick-action clamp supports quick dimension changes, and lengths of up to 3300 mm can be set with the extendable second stop.

The digital variant of the stop offers the greatest dimensional accuracy. Two easily legible digital displays work independently of each other with an accuracy of 0.1 mm. Relative dimensional settings are also possible, allowing incremental dimensions to be machined quickly.



# Accessories

## Hand crank adjustment of the rip fence for T 73 Classic



Hand crank adjustment for rip fence T 7305

The hand crank adjustment facility controls the rip fence of the T 73 Classic from the operator's position – without any electronic control. The large digital display allows precise adjustments to an accuracy of 1/10 mm. The fence is simply blocked by the press of a key. This option enables the entire cutting width to be set from the work station. No need to walk around the machine any longer!

Combined with the option of the pneumatically lowerable rip



Rip fence lowered below table level

fence T 7374, even lowering of the parallel cutting stop to below table level can be remotely controlled via a key. Move the fence right back, clamp it and press the "lower" button. To lift, press the button again and the fence moves back up into the working position. This makes shortening of over-long parts quick, because the material can be pushed to the right across the table without much effort.

## Scoring saw for T 73 Basic and Ritzfix saw blade system



Scoring saw for T 73 Basic T 7320

The scoring saw for the T 73 Basic can be adjusted without tools, quickly and easily with two easily accessible rotary knobs. With these you can define the score length and height precisely using scales. Traditionally, the score width is regulated with spacer washers.

Pneumatic lifting and lowering are performed quickly and easily. This allows the system to be switched on and off depending on the



Ritzfix saw blade system T 7322

work situation and without wasting time. All settings are preserved.

The score width on all MARTIN 2-axis systems can be adjusted more conveniently with the optional Ritzfix saw blade system T 7322: To do this, simply turn a small screw without first having to release something or clamp it again afterwards. This sets all of the system's three axes accurately and very quickly – an important prerequisite for precision work.

## Rotating control panel for T 73 Classic



Rotating control panel T 7304 with saw blade guide tilted aside (for special work only)

The control panel normally integrated in the machine frame on the Classic can be optionally raised to eye level. This is of interest when you want to have everything important directly in sight.

This allows important information such as the speed, cutting dimension or scoring position (depending on the configuration) to be checked and adjusted conveniently.

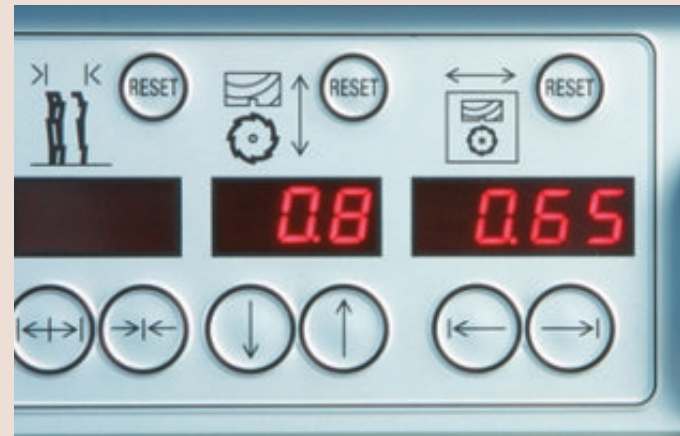


Rotating control panel for T 73 Classic T 7304

Mounted on the carrier arm of the guard, the control panel can be rotated into an optimum viewing and working position at any time. Even when you do not need the guard for special work, the control panel remains within an ideal range.

Of course, the machine can be fitted with the same accessories as the version with the control panel in the machine frame.

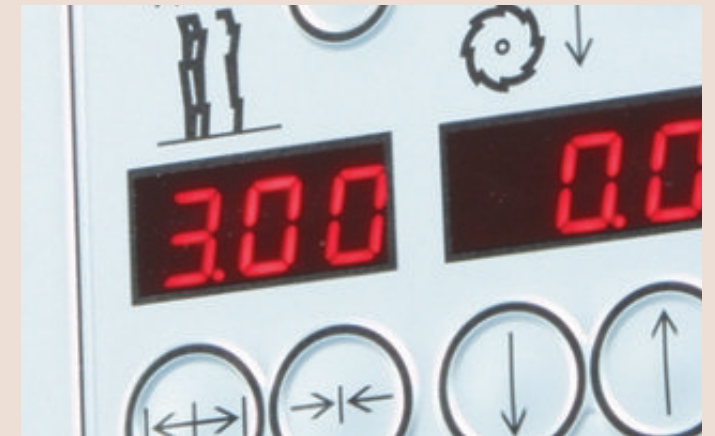
## Electrically adjustable 2-axis and 3-axis scoring saw



Electrically adjustable 2-axis scorer T 7321

Both versions of the electrically adjustable scoring saw are very easy to use. Large digital displays inform you of the settings you have made and support you in making the necessary changes. The scoring position and, in the case of the 3-axis system, also the score width, can be set in increments of 5/100 mm. The scoring height is stepless.

The 2-axis system is adjusted on the basis of digital displays in the scoring height and left / right position axes while the machine is running. As on all standard systems, the scoring width



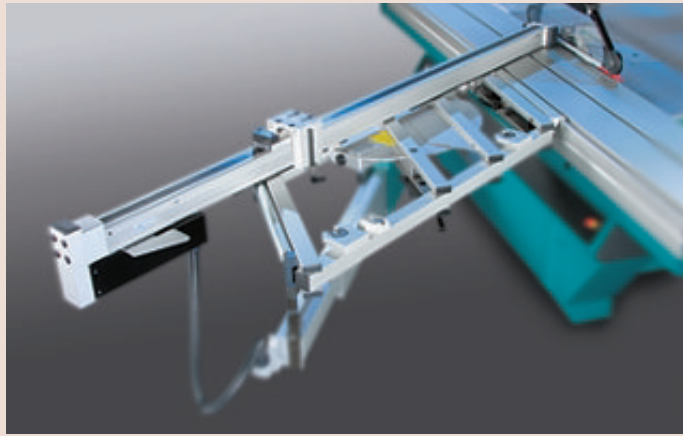
Electrically adjustable 3-axis scorer T 7323

must be adjusted with the machine stationary. If you combine the 2-axis system with the Ritzfix saw blade system T 7322, this adjustment is at least made much more convenient.

The patented MARTIN 3-axis system is completely adjusted with the machine running, as is the scoring width. This gives you the crucial advantage that all scorer settings that are necessary for the cutting quality are always made quickly and, above all, precisely. No more time-consuming switching the machine on and off every time the score width is readjusted.

# Accessories

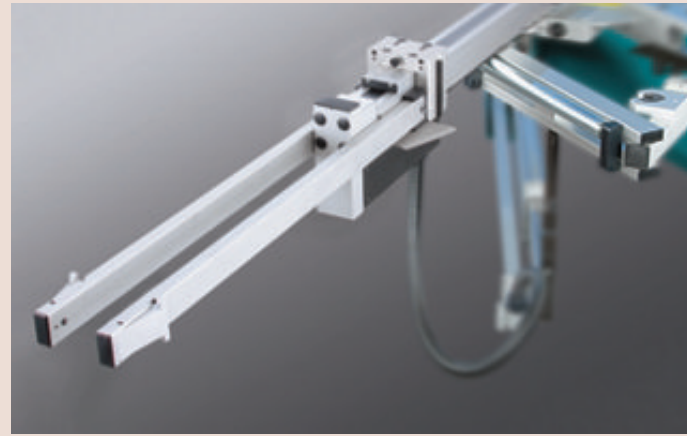
## Electronically controlled cross cut fence (4th axis)



Electronically controlled cross cut fence T 7350

An electronically controlled cross cut fence is available for the models AUTOMATIC and CNC instead of the manually operated fences. This means that in addition to the cutting height, cutting angle and cutting width, it is also possible to accurately position the cutting length via the controller. Define the dimension via the controller, and the machine positions the fence.

The wide cutting range from 200 to 2200 mm makes your work quick and variable, because the entire range is covered by one fence element. Longer workpieces measuring 2200 to 3300 mm



optional cut length extension to 3300 mm T 7351

can be cut with the optional extensions T 7351. The controller shows you which of the fences you must use, depending on the length being cut.

Of interest for users making many angle cuts: The 4th axis can also be combined with the mitre cross cut table T 7335. This combines the advantages of the mitre cross cut table with those of the 4th axis. If you use the fence on a T 73 CNC, the controller also performs the length compensation. This gives you complete flexibility even with angles of over 90 °.

## Double mitre fence



Double mitre fence DGA 900 Top Digital T 7333

Thanks to the clear setting matrix, workpieces of different widths can be connected quickly and easily on the DGA, even with a “false mitre”. Glass ledges, for example for various arches, can also be cut perfectly.

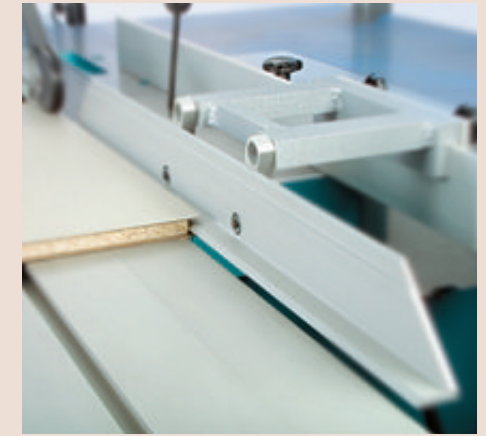
## Counter mitre fence



Counter mitre fence T 7338

For cutting sharp angles, the counter mitre fence is the ideal addition to your cross cut fence. The accessory can be fitted quickly – and you can cut angles from 0° to 45°.

## Edging device



Edging device T 7372

Cutting veneered or painted panels is just one area of use for the edging device. Simply push this accessory onto the rip fence. As an alternative to a laser, the edging device can also be used for cutting to size.

## Multi-function table



Multi-function table T 7358

Parallel cutting of larger panels and also cutting smaller strips are perfect jobs for the multi-function table. You can move two fences together and exactly parallel via a hand wheel. The workpiece is moved past the saw blade – precisely positioned and lying on the sliding table. This practically eliminates the possibility of damage to the sensitive edges and the panel surface.

Select the cutting range of the fences by simply lifting or lowering them. Panels of up to 2100 mm width can be cut easily and accurately in this way. If you lower the fences completely below table



Digital dimension display of the cutting width

level, you can also move the largest panels freely on the table.

The LCD display for the cutting width allows you both accurate adjustment of dimensions and incremental fence movement. Even cuts to the right of the saw blade are accurate, because correct allowance is always made for the saw blade thickness.

The table is also an ideal tool for angle cuts of up to 70°. Smart solutions can be realised quickly and effectively, even if a right angle is not involved.

## Second support and parallel cutting stop for the sliding table



Second support T 7368

The second support supports you in the true sense of the word. Simply attaching it to the sliding table greatly simplifies the cutting to size of large panels. The 600 mm-long support securely supports workpieces and enables them to be cut to size perfectly.

Combine the second support with the parallel cutting stop for the sliding table T 7355 to enable you to use this pair of



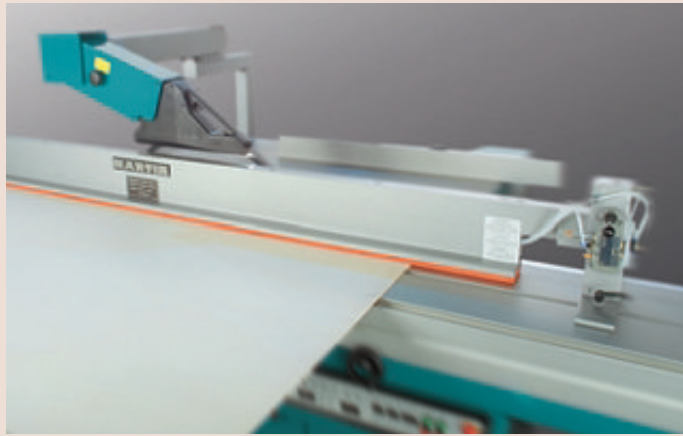
Parallel stop for the sliding table T 7355 on the second support

accessories to also make simple yet accurate parallel cuts. Set the required dimension on the cross cut fence and the parallel cutting stop for the sliding table, and you can be certain of a perfect cut.

Fit the machine with two pairs of these accessories and you have a simple alternative to the multi-function table. We even thought of a flap with a double stop for rip and final cuts.

# Accessories

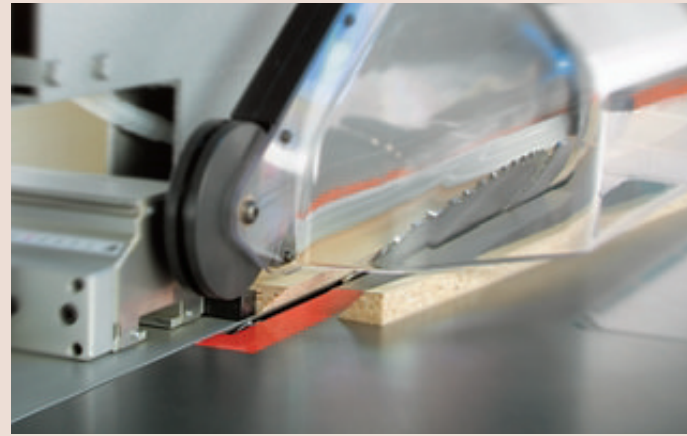
## Pneumatic pressure bar



Pneumatic pressure bar T 7370/3

The pneumatic pressure device can be used for many purposes. For example, when you want to press a large workpiece firmly and securely onto the sliding table. An accessory with which a veneer saw can also be simulated. Corrugated plywood or chipboard can be sawed perfectly, and plastics or non-ferrous metal plates can be cut safely. Quite simply because they are clamped both firmly and reliably.

You get perfect results with mitre cuts, possibly combined with

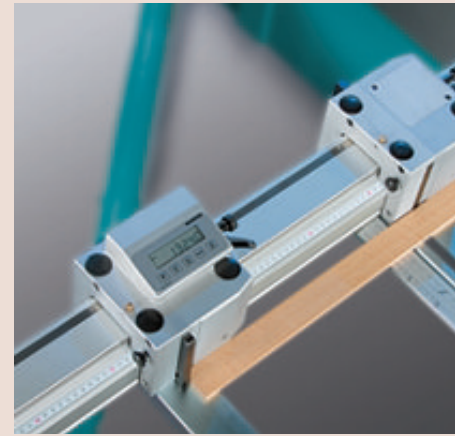


Mitre cut with the pressure bar

the multi-function table T 7358, because the workpiece lies completely flat on the sliding table. Another useful accessory on a machine configured like this would be the motorised sliding table drive T 7371. Its even feed allows even the most difficult materials to be machined perfectly.

Of course, every cross cut fence and cross cut table can be combined with the pressure device. The clamping fixture can be retrofitted at any time.

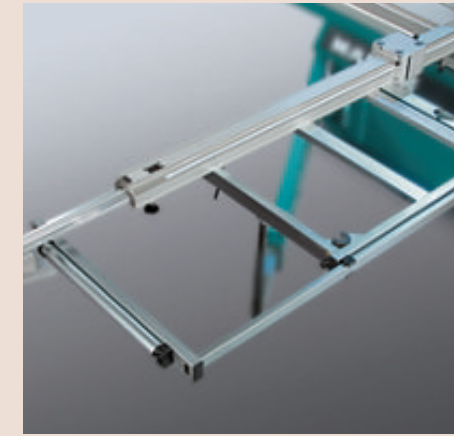
## Additional stop element



Additional stop element T 7345 on the cross cut fence T 7340

Every cross cut fence, whether with 2-point or seamless alignment, can be fitted with an additional stop element. This is helpful for cutting two dimensions without changing the position of the stops.

## Extendable support



Extendable support T 7331 for the standard cross cut table

Longer workpieces are optimally supported by the extendable support. The roller is gentle on sensitive workpiece surfaces. This accessory is available as T 7336 for the mitre cross cut table.

## Front support table



Front support table T 7367

Longer, narrow workpieces are best cut with the correct support. The fold-down front support table is a useful aid when the workpiece needs to be guided safely to the rip fence.

## Motorised sliding table



Sliding table drive T 7371

The motorised sliding table impresses with its completely even feed that delivers perfect cutting results. It also guarantees an absolutely constant cutting profile. In most cases, there is no more complex reworking of the cut edges.

This also saves a lot of energy on the part of the operator, because even heavy pieces of solid wood, plywood and chipboard are easy to saw. Thanks to this powerful aid, even special materials such as plastics or non-ferrous metal plates can also be cut



Control element details

perfectly. An ideal solution here is supplementing the system with the pneumatic pressure bar T 7370.

You can select the feed speed of the drive simply, quickly and steplessly via a selector switch in the range 0 – 25 m/min. The table can be always be moved against the feed direction at maximum speed, thereby saving time. The system is also switched on and off at the selector switch within a matter of seconds. The drive is disconnected when the system is switched off.

## Roller support



Roller support T 7365 for standard cross cut table

Do you want to utilise the full movement range of a sliding table over 3.7 m in length with the cross cut table attached? Or do you work with very heavy materials? If so, we recommend the roller support for the standard cross cut table or for the multi-function table.

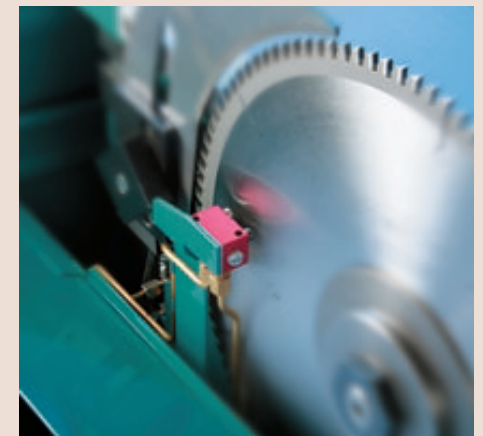
## Laser cutting joint indicator



Laser cutting joint indicator T 7373

The laser beam indicates the saw blade's cutting line precisely. This is a very useful aid for edging and ripping solid wood. Cutting stairs to plan is one of this accessory's traditional areas of use.

## Spraying device

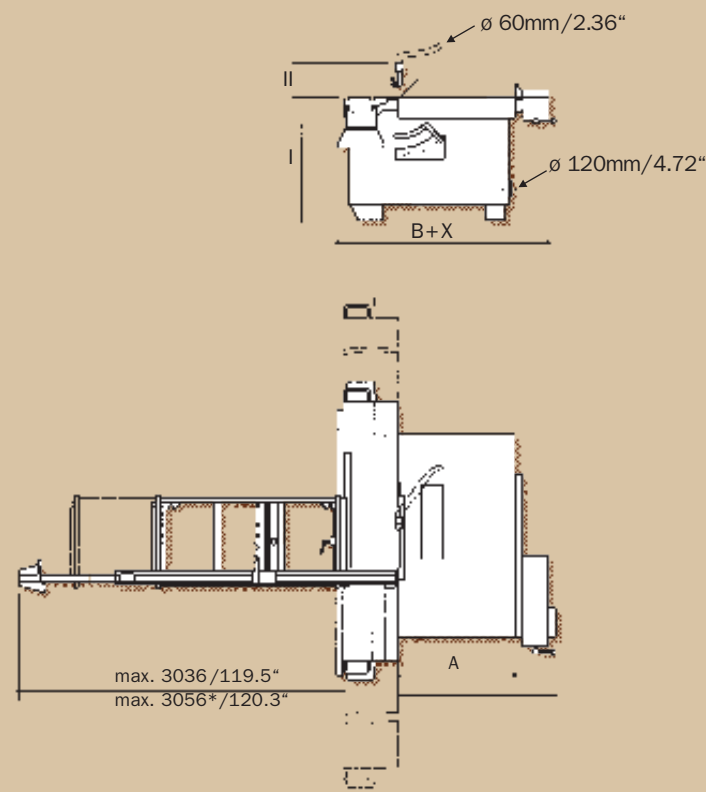


Spraying device for the main saw blade T 7380

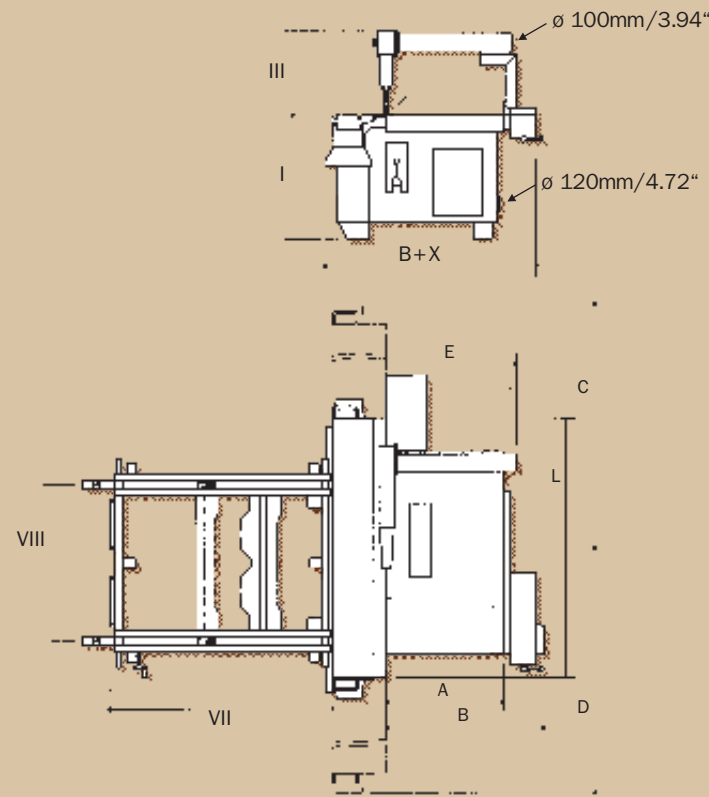
The spraying device enables you to also cut plastics and non-ferrous metals without any problem. The spray heads wet both sides of the saw blade with cooling liquid and lubricant. The spray liquid tank with complete pneumatic control is in an easily accessible place on the machine.

# Technical data

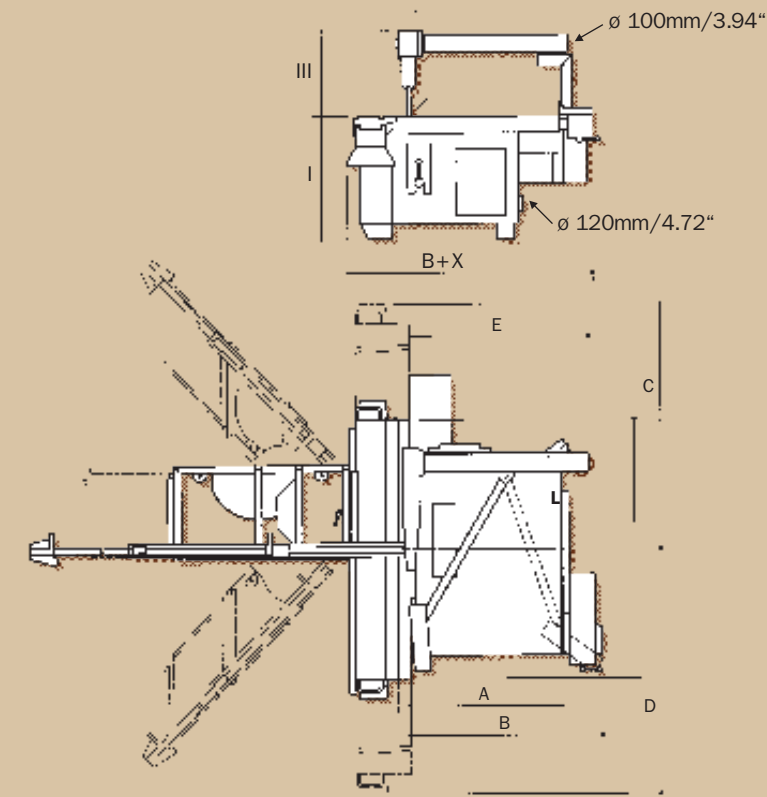
## T 73 Basic



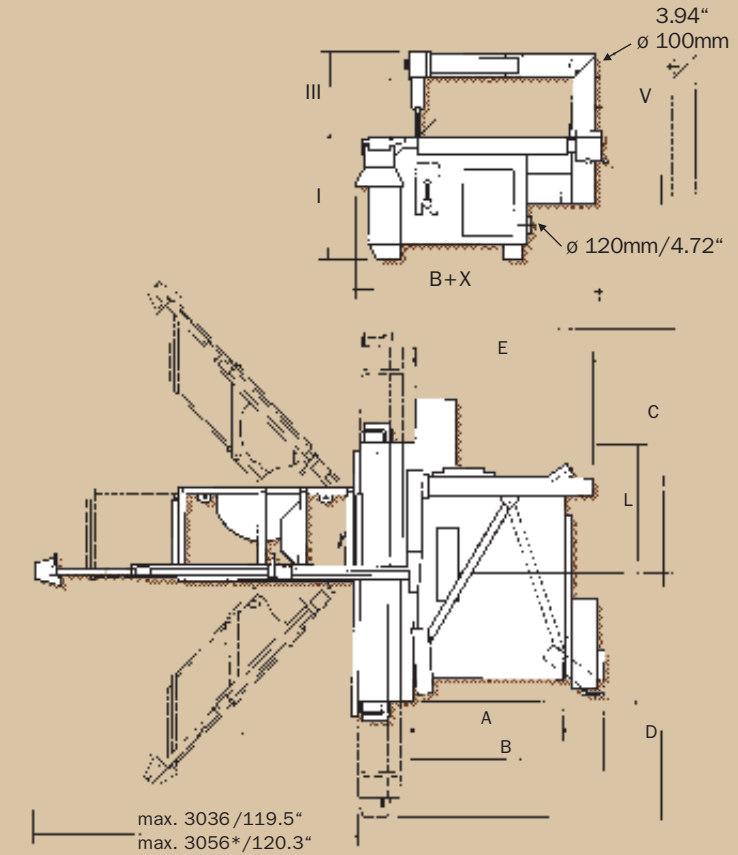
## T 73 Classic



## T 73 Automatic



## T 73 CNC



Technical data	T 73 Basic	T 73 Classic	T 73 Automatic	T 73 CNC
<b>Motor power</b>	4 kW (5.5 HP)	5,5 kW (7.5 HP)	5,5 kW (7.5 HP)	5,5 kW (7.5 HP)
optional	5,5 kW (7,5 HP) 7,5 kW (10 HP) 11 kW (15 HP)	7,5 kW (10 HP) 11 kW (15 HP)	7,5 kW (10 HP) 11 kW (15 HP)	7,5 kW (10 HP) 11 kW (15 HP)
<b>Maximum cutting height</b>	max. 80 (3.15")	max. 170 (6.7")	max. 170 (6.7")	max. 170 (6.7")
<b>Tilting range of saw blade</b>	0° to 46°	0° to 46°	0° to 46°	0° to 46°
<b>Height adjustment range of saw blade</b>	97 (3.8")	125 (5")	125 (5")	125 (5")
<b>Saw blade diameter</b>	250-315 (10-12")	250-500 (10-19.7")	250-500 (10-19.7")	250-500 (10-19.7")
optional	250-500 (10-19.7")			
<b>Speed</b>	4000 rpm	2800 rpm 4000 rpm 5500 rpm	2800 rpm 4000 rpm 5500 rpm	2800 rpm 4000 rpm 5500 rpm
optional (from 5,5 kW)(7.5 HP)	2800 rpm 4000 rpm 5500 rpm		<i>infinitely variable</i> (7,5 kW) (10 HP)	<i>infinitely variable</i> (7,5 kW) (10 HP)
<b>Cutting width between saw blade and rip fence</b>	850 (33.5")	850 (33.5")	1100 (43")	1100 (43")
optional	1100 (43") 1350 (53") 1600 (63")	1100 (43") 1350 (53") 1600 (63")	1350 (53") 1600 (63")	1350 (53") 1600 (63")
<b>Extraction ducts</b>	guard 60 (2.4") (with guard at riving knife)	100 (3.9")	100 (3.9")	100 (3.9")
optional	100 (3.94") (with T 7302)			
<b>Machine frame</b>	120 (4.7")	120 (4.7")	120 (4.7")	120 (4.7")
<b>Weight</b>	1650 kg (3650 lbs.)	1750 kg (3850 lbs.)	1950 kg (4300 lbs.)	1950 kg (4300 lbs.)

\* Cross cut fence with two-point-alignment

I = 900	II = 255	III = 625	V = 735	
VI = 480	VII = 1635	VIII = 1150	X = 460	B+X = transport width
I = 35.4"	II = 10"	III = 24.6"	V = 28.7"	
VI = 18.9"	VII = 64.37"	VIII = 45.28"	X = 18.1"	B+X = transport width

A = cutting width	B = space required (for cutting width A)	E = space required (for cutting width A)	E = space required
	Basic/Classic/ Automatic/CNC	Classic	Automatic/CNC
850 (33")	1150 (45")	950 (37")	1060 (42")
1100 (43")	1400 (55")	1200 (47")	1310 (52")
1350 (53")	1650 (65")	1450 (57")	1560 (61")
1600 (63")	1900 (75")	1700 (67")	1810 (71")

L = sliding table length	Format cut at sliding table length L	C = movement range behind the saw blade	D = movement range in front of the saw blade
1900 (75")	1900x1900 (75x75")	2485 (98")	2390 (94")
3000 (118")	3000x3000 (118x118")	3585 (141")	3490 (137")
3300 (130")	3300x3300 (130x130")	3895 (153")	3790 (149")
3700 (145")	3300x3700 (145x145")	4290 (169")	4190 (165")
5100 (200")	3300x3700 (200x200")	5705 (224")	5590 (220")

### Dust emission values in acc. with DIN 33893:

Basic with guard at riving knife:  
Infeed side: max. 0.14 mg/m<sup>3</sup>  
Discharge side: max. 0.07 mg/m<sup>3</sup>  
Basic with T 7302, Classic, Automatic, CNC:  
Infeed side: max. 0.24 mg/m<sup>3</sup>  
Discharge side: max. 0.11 mg/m<sup>3</sup>

### Noise emission values in acc. with EN ISO 11 202:

Workplace emission  
Basic with guard at riving knife:  
Idling: 80.1 dB(A), operating: 82.7 dB(A)  
Basic with T 7302, Classic, Automatic, CNC:  
Idling: 85.2 dB(A), operating: 85.5 dB(A)

### Warranty:

MARTIN offers a warranty of 12 months, if the completely filled out certificate of warranty has been sent in after installation of the machine.

Dimensions and technical data are subject to change without prior notice.

All dimensions in mm

Made in Germany