

Now plane surfaces correctly!

T54

MARTIN



T54

A surface planer which fits
your workshop perfectly.

The T54 is a surface planer that was mainly developed in order to fulfil two tasks – the perfect dressing of workpieces and the fast and reliable application of angled edges on these workpieces. Because only with perfect surface planing results can you get the perfect end result. The smooth-running fence with integrated auxiliary fence enables quick and precise working. The fence runs smoothly and without tilting on ball bearing guided courses – as precise years later as on the very first day. Even chamfers can be planed in an instant, because with the user-friendly single-handed adjustment every angle between 90° and 45° can be set quickly.



T54 with accessories (further details in the options book)

T544 | Moving control desk

T541 | TERSA cutter block Z4

T5462 | SUVAMATIC bridge guard



Auxiliary fence

The serial auxiliary fence is already integrated in the surfacing fence, to safely guide small, narrow workpieces over the machine table. This is an important contribution to more working safety.

Clear operation for efficient planing.



Control panel of the T54 | Standard



Control panel combined with and moves with surfacing fence | T544

Operation at a glance.

Operation of the T54 is as easy as it's effective. Whether you set chip removal or turn the machine on or off – everything is in one place and easily accessible. You can even reach the hollow / V-shaped joint settings from here, the scale shows you the setting.

Moving control panel

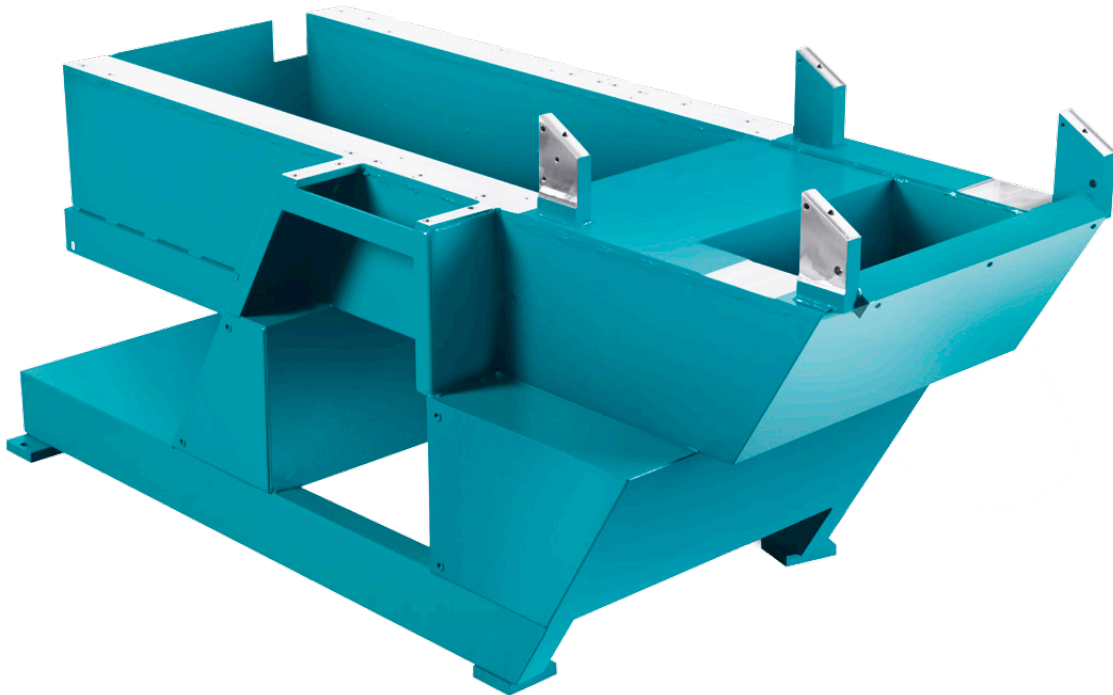
The operating elements installed as standard on the infeed table can optionally be provided above the table level. The chip removal is displayed digitally at a resolution of 0.1 mm and can be precisely set at the touch of a button. Good for all those who like to keep an eye on all the important stuff.

When the surfacing fence travels on the table, the control panel also moves with it and is also in easy reach of the operator.



Control panel | T544

Robust, solid and durable construction.



Only at MARTIN.

The machine frame of the T54 is a stable, thick walled composite structure, that is only found in MARTIN products. Already back in the 1920s Otto Martin invented and registered this design. Today, after 95 years of continuous improvement, this simple yet good principle is still being used for the frames at MARTIN. The smart combination of steel and concrete creates a high quality frame unequalled in terms of stability, damping capacity and torsional stiffness. The vibrations that occur in any planer are absorbed much more effectively than in cast iron frames or welded structures. These stands are the perfect base for your perfect work!



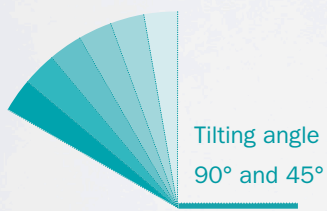
The unique construction of the MARTIN composite frames leads to incomparable stability.

Edging fence | Standard



The guidance that you need.

The ball bearing guided planing stop runs softly on hardened rails and without twisting – precisely for years just like on the first day. Even chamfers can be planed in an instant, because with the user-friendly single-handed adjustment every angle between 90° and 45° can be set quickly. Also worth mentioning is the integrated auxiliary fence, which makes processing narrower parts much safer.





Protection at a Swiss level.

The SUVAMATIC safety guard stands for first class functionality and the highest safety. The reversible infeed spout produces a light contact pressure against the fence during joining depending on the setting.

SUVAMATIC safety guard | T5462

Xplane cutterblock | T5406/3



Xplane – the future has begun.

The new 3 row Xplane cutterhead from MARTIN impresses with a remarkably smooth operation even when idling. This impression is again underlined with the cutterhead in action – it works at a very low noise level. Even the largest chip removal needs a surprisingly low motor rating – another advantage. However, what's really fascinating is the surface qualities which can be reached with the Xplane even on the most difficult woods.





Always the right blade with TERSA.

The TERSA solid steel cutterblock of the T54 offers many practical benefits: The high degree of quiet running in the precision bearings and the precise fit of the two form-fit reversible blades give an extremely exact knife cutting diameter – and so the best conditions for cleanly planed surfaces. The TERSA reversible blade is available in four different qualities, i.e. for all tasks, and the cutterblock can also be delivered as Z4 shaft, on request. And the blade change itself only takes a few seconds.

MARTIN • MAY • 1984

Cleverly combined.

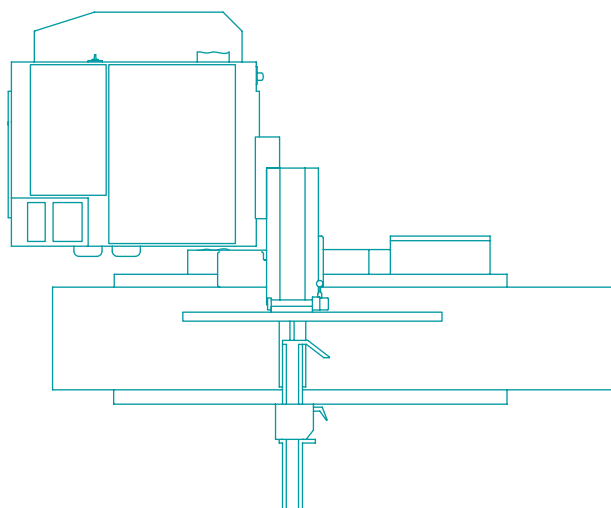
T45 and T54: Two singles – a perfect pair.

With the T54 surface planer and the T45 thickness planer you have two specialists who complement each other perfectly. Each of the two machines is designed for uncompromising fulfilment of their roles and ensures optimum working results. Each of the required machines is available immediately and without time-consuming conversions, and thanks to the space-saving installation both machines together hardly require any more space than a combi machine.

Also in contrast to the combi machine both machines can be operated in parallel without any restrictions. Extraction can be optionally connected to all T45 machines, depending on production environment, right or left, without restricting material and work flow in your facility.

With the duo we open up unique possibilities to you, which go far beyond the previously known combinations. Extensive accessories and equipment are available for both machines. So it's really easy to perfectly adapt the machines to your respective requirements.

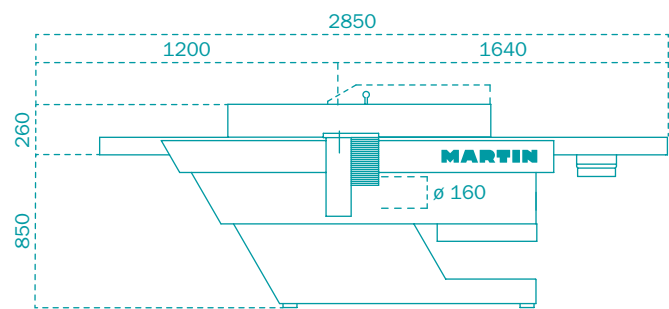




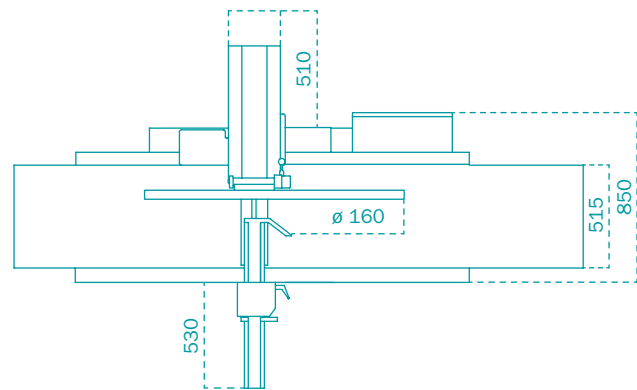
Combined installation T45 and T54 | Plan view



T54 Surface planer

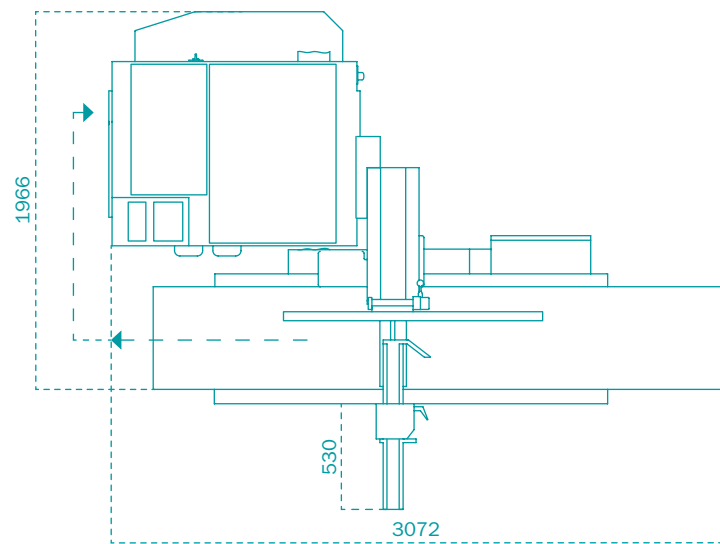


T54 | Side view



T54 | Plan view

T45 and T54 combined



Combined installation T45 and T54 | Plan view

Technical data

T54

T45

T45 Contour¹⁵

T45 Contour²⁵

Motor power optional	5.5 kW –	5.5 kW 7.5 kW 11.0 kW	7.5 kW 11.0 kW	7.5 kW 11.0 kW
Cutter block speed optional	5,000 rpm 6,000 rpm	5,000 rpm 6,000 rpm	5,000 rpm 6,000 rpm	5,000 rpm 6,000 rpm
Cutter block optional	TERSA Z2 Xplane	TERSA Z4 Xplane	TERSA Z4 plus 2 grooves for profile cutter	TERSA Z4 plus 2 grooves for profile cutter
Cutter block diameter	125 mm	125 mm	125 mm	125 mm
Planing height	–	2.8 – 300 mm	2.8 – 300 mm	2.8 – 300 mm
Planing width	500 mm	630 mm	630 mm	630 mm
Chip removal	max. 8 mm	max. 12 mm	max. 12 mm	max. 5 mm
Control	none	Single axle control	Single axle control	Single axle control
Feed optional	– –	6 12 m/min continuous	6 12 m/min continuous	6 12 m/min continuous
Profiling depth	–	–	max. 15.5 mm	max. 25 mm
Extraction connection	160 mm	160 mm	160 mm	160 mm
Weight	approx. 1,200 kg	approx. 1,350 – 1,500 kg	approx. 1,350 – 1,500 kg	approx. 1,350 – 1,500 kg

The machines generate very little dust as per BGI 739-1 Annex 1.

All dimensions in millimetres. Manufactured in Germany.

Dimensions and specifications subject to technical innovation and may be changed without notice.

Illustrations may differ from the original. The binding technical features and equipment are given in the applicable price list.

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