



**PANELSAW**  
**KS132C / KS138C**





**PANELSAW KDT 'C'**  
**Precise, user friendly & outstanding value**

**KDT – an introduction**

KDT are a major manufacturer of panel-based machinery with over 20 years of technical knowledge and experience. They export successfully to all major world markets a comprehensive range of Edgebanders, Beamsaws, Panelsaws, Flow through production lines, CNC routing and Drilling machines. Annual production exceeds 19,000 machines Click here and take a look...

<https://www.youtube.com/watch?v=xoqp9XiLNds&t=10s>

***KDT machines are built to work hard and designed to last.***



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**Precision starts here.**

The sliding table is at the heart of any Panelsaw and must deliver straight line precision to 0.25mm per 1000mm of travel. It must run smoothly even under heavy loads and offer good support.

KDT's system delivers all this with a proven carriage design built around thick, multi-chamber Aluminium Extrusion, large dumbbell rollers and hard chromed guide rails

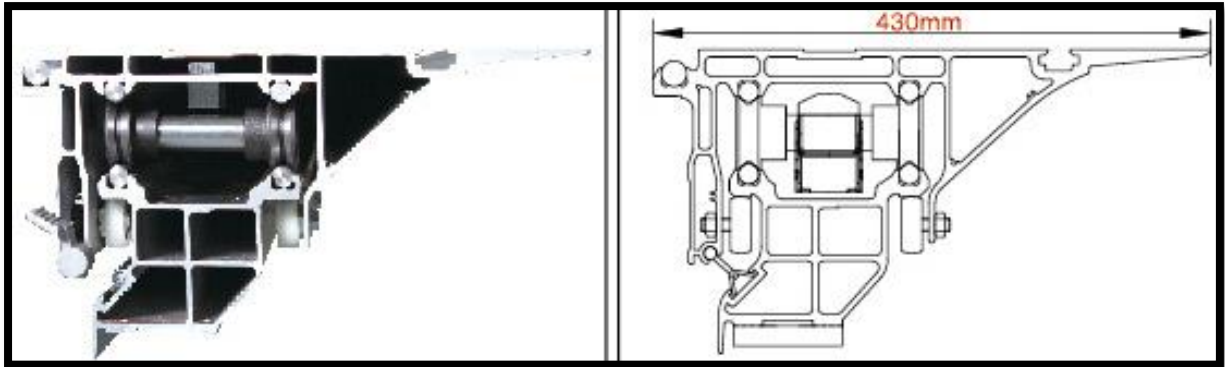


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The table is a generous 430mm wide and anodised for durability.

Opposed hard chromed bars guide the sliding table using large precisely machined vertical 'dumbbell' rollers. No lubrication required!

12 hard wearing sub-rollers engage in the saw carriage area to secure the table at the point of cut.



Brushes sweep the rails which are set in a bevelled extrusion so dust and chips to fall clear

***This ensures absolute sliding precision combined with a light, easy travel action for many years of heavy loads. Perfect!***



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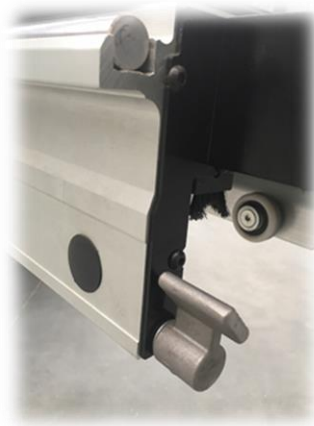
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### Easy Panel loading too

The smooth sliding table lock reliably locks along multiple points when you are loading your panels – and unlocks with a flick of your thumb



### A better saw carriage

The saw carriage is the heart of the Panelsaw and must be both heavy and precise.

The complete carriage is mounted directly to the machine frame not suspended from the table.

The saw shaft is electronically balanced. Heavy large diameter tongue and groove' tilt trunnions ensure accurate tilt angle alignment.

### *Rise and fall of the blade is powered*

The heavy saw unit rises effortlessly on large widely spaced THK parallel guides not round bars or a pivot action. This is your guarantee of precision.

The slide ways are lubricated via a external pump maintaining smooth positioning over time.



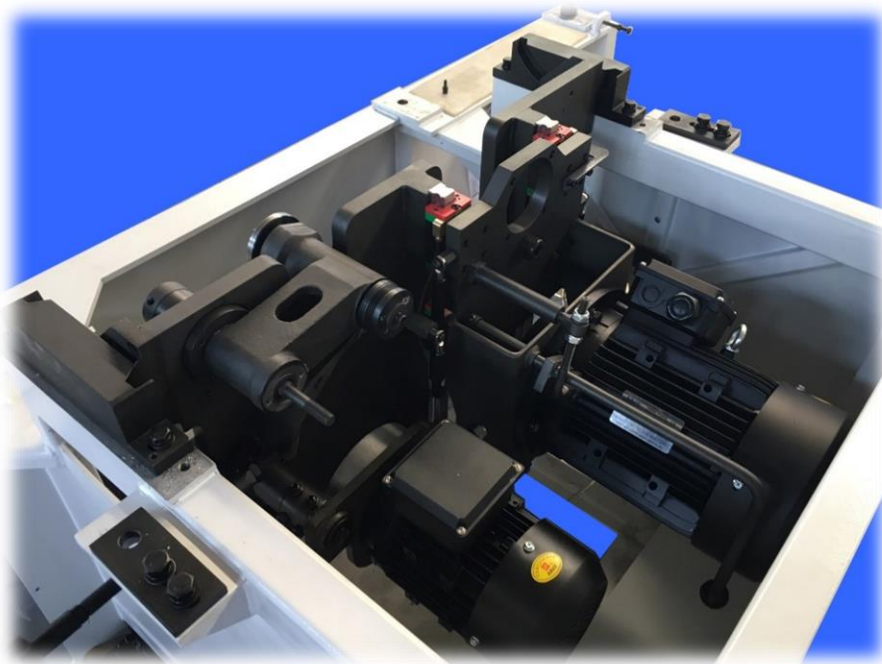
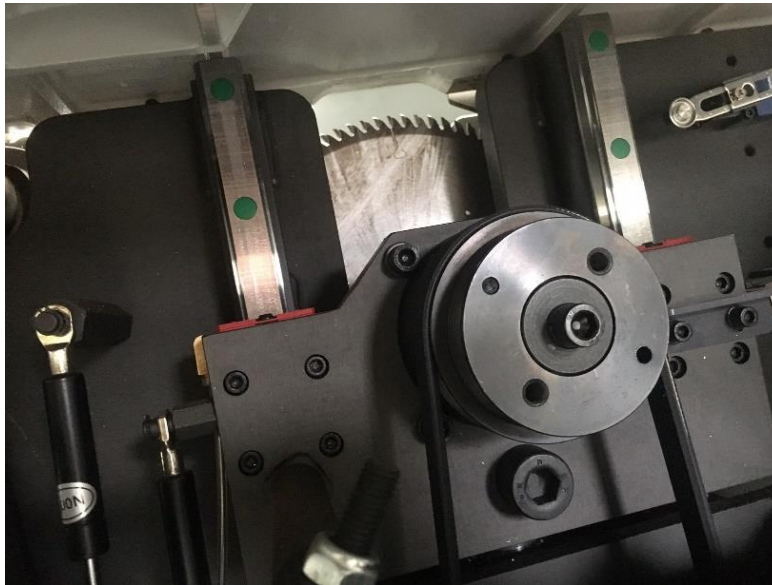
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### **Solid frame – fully enclosed.**

The steel frame is heavily braced and '1 piece' welded to provide a rock-solid platform for the sliding table, fixed tables and saw unit mountings.

The side access door is full width/height and the large lever release of belt tension and easy access to the flat poly drive belts make belt changes simple.

A door interlock safely cuts power to the motors when the door is open.

The frame base is raised to allow easy cleaning



### **You're in control**

The Control panel is recessed to avoid damage if you drop a panel and functions are clearly identified and backlit.

**Tilt angle is Digital with adjustment from 0 – 45.5 degrees.**



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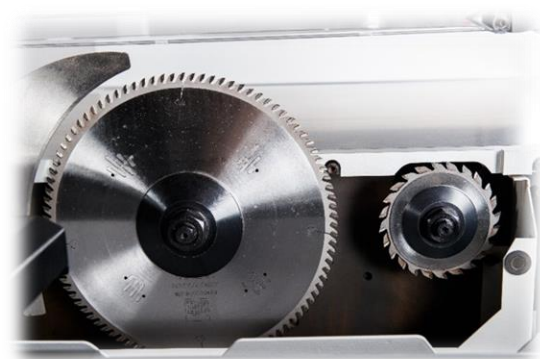
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Best of all saw blade height setting is powered



## Easy blade access and setting



Precise height setting and locking of the Scorer blade is simple thanks to the large direct in-line adjustment on a fine thread pitch.

The fold down blade cover gives unobstructed access to the Scorer and main blades for blade changes and scorer sideways setting > again, simple and precise.



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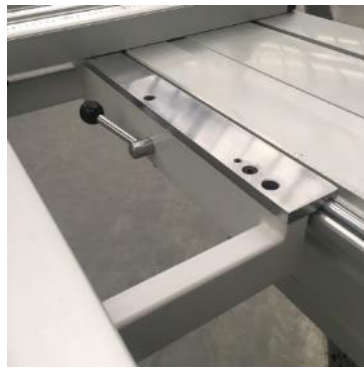
## **PANELSAW KDT 'C'** **Precise, user friendly & outstanding value**



### **Big solid panel support**

The large 1000 x 650mm cast main table and 430mm wide sliding table are complemented with strongly ribbed 'full size' rip and outfeed tables to easily supporting large panels.

The sliding table outrigger table is also wide, deep and strong! Repositioned anywhere along the sliding table at the flick of a lever it locks firmly to its precision ground guide rail.



***This is a rock solid and precise system you will appreciate every day***

### **Mitres: simple and accurate.**

The twin front/back 'full sized' mitre scales allow you to set your crosscut fence very accurately. A large aluminium rail positions easily to provide support for large panels

A supplementary fence for mitres over 45 degrees fixes and removes easily from the sliding table



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### **Crosscuts – fully supported**

The telescoping support arm is 400mm and supported on heavy 30mm thick pivots and a large axle running up the length of the frame.

A multi section aluminium 120mm deep slide rail is kept clean with brushes at both ends and connects to the crosscut table with a full width triangular frame

The chrome loading roller eliminates scratching your work

The Aluminium extruded crosscut fence is 90 x80mm and robustly mounted

All settings are easy to read from the recessed steel scales slanted towards you.



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### **Precisely set your stops and they stay put!**

KDT supply 2 precision 'flip over' crosscut stops that are free of play. They are easily set with real precision and stay put.

The magnification of the 25mm steel rule is easy to read as it's slanted towards you.

The large lock knobs tightens the stop without creep and it stays there!



### **Your Rip cuts are accurate too.**

The cast iron rip fence support slides smoothly along a 50mm diameter solid hard chrome rip fence rail and locks firmly and precisely

The full depth fence releases and flips over for low work and your push stick is at hand. The steel rule is recessed avoiding damage.



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To divide large panels you can swing  
the rip fence under the level of the table  
without removing it  
***Simple!***



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### Extraction is important

The large overhead guard is a standout feature, very easy to position parallel and stays in place thanks to the strong pivot design. Front and rear rollers mean no panels are scratched.

A narrow guard for 90-degree cuts is supplied along with a wide guard for tilt work. These are changed over in moments thanks to the single lock point and clever mount.

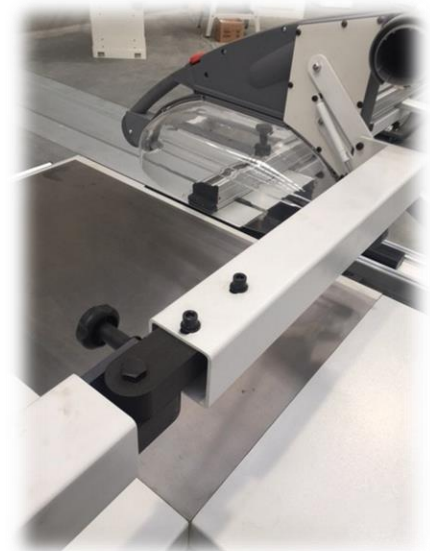


You always have a clear view of while fully enclosing the saw area for exceptional extraction results.

The mounting won't flex or sag, so the guard is firmly held.

A strong pivot joint allows the guard to swing clear.

*Only 1200 cubic metres per hour extraction required!*



### Safety is built in

Safety interlocks on the cabinet door and when the sawblade area is exposed during blade changes combine with twin emergency stop buttons to ensure safety.

### Things you will like

A comprehensive tool kit is supplied in a hard case.

A bar on the sliding table allows you to move it back 'hands free'

#### **Versatile**

**- Wood, plastic, non-ferrous metals**



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**TECHNICAL DATA**

	<b>KS132</b>	<b>KS138</b>
<b>Sliding Table length</b>	<b>3200MM</b>	<b>3800MM</b>
<b>Maximum cut length</b>	<b>3120MM</b>	<b>3720MM</b>
<b>Main Saw blade</b>	<b>300MM / 350MM OPTION</b>	<b>300MM/ 350MM OPTION</b>
<b>Score blade</b>	<b>120MM</b>	<b>120MM</b>
<b>Max. cut height @ 90</b>	<b>80MM/ 100MM</b>	<b>80MM/100MM</b>
<b>Max. cut height @45 tilt</b>	<b>60MM/ 75MM</b>	<b>60MM/ 75MM</b>
<b>Main : scorer blade dia.</b>	<b>300mm (350mm) :120mm</b>	<b>300mm (350mm) :120mm</b>
<b>Electric rise and fall blade</b>	<b>Standard</b>	<b>Standard</b>
<b>Weight</b>	<b>1050KG</b>	<b>1120KG</b>
<b>Main motor</b>	<b>5.5KW/ 7.5HP</b>	<b>5.5KW/ 7.5HP</b>
<b>Scorer motor</b>	<b>1.1 KW/ 1.5HP</b>	<b>1.1KW/ 1.5HP</b>
<b>Blade speeds</b>	<b>4000/ 5000 RPM</b>	<b>4000/ 5000RPM</b>



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