

KÜNDIG

BRILLIANT - 2 - 1350 (53") - RKd



SANDING IDEAS – IDEAS THAT GET THE JOB DONE !



machine similar as offered

TOP CLASS WIDEBELT SANDER
BRILLIANT - 2 - 1350 (53") - RKd

\$119,000

- = **standard** machine execut
- = **optional** machine executi

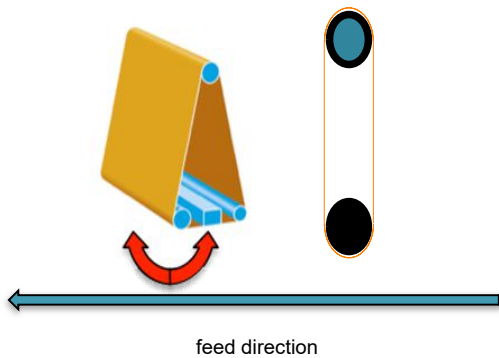
Very solid, top class widebelt sander, with **patented BRILLIANT Sanding Technology (Oblique)** on the last sanding aggregate.

The two sanding units guarantee an absolute precise calibrating and absolute perfect high - quality finishing of solid wood and veneered workpieces.

The **patented BRILLIANT Sanding Technology** is an innovative sanding solution for the demanding handicraft and industry.

SIMPLY GENIUS!

BRILLIANT - 2 - 1350 (53") - RKd



CALIBRATION:

- solid workpieces
- veneered workpieces

FINISHING:

- solid workpieces
- veneered workpieces

FILLER / LACQUER:


- intermediate sanding
- high gloss sanding

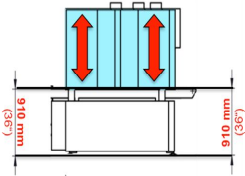
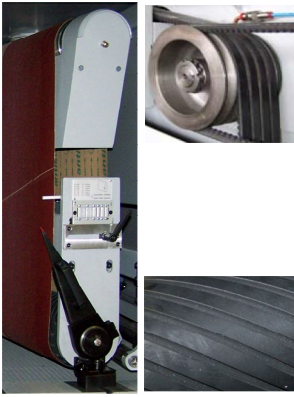


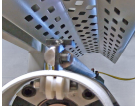
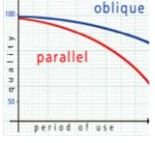


Working width:



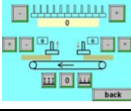
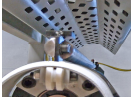

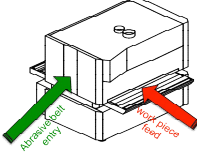



1350 mm (53")

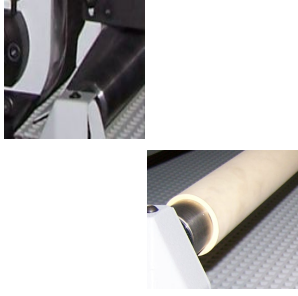
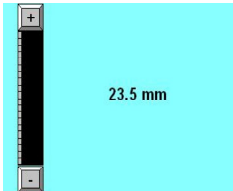
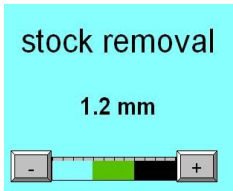
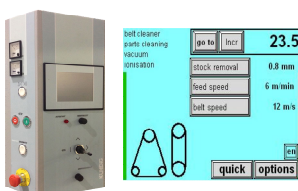
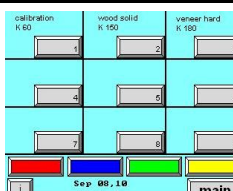

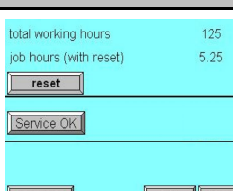
Abrasive belt dimension:





1350 x 1900 mm (53" x 75")

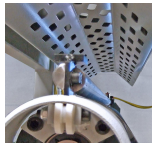
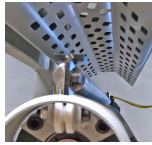


 Maximum workpiece thickness:	200 mm (8")	
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BRILLIANT - 2 - 1350 (53") - RKd		
<p><input checked="" type="checkbox"/> Constant pass line:</p>	<p>Achieved through lifting or lowering of machines upper part (= constant height working level); 910 mm (36").</p>	
<p><u>1. UNIT</u></p> <p><input checked="" type="checkbox"/> CONTACT ROLLER:</p>	<p>Grooved rubberized CONTACT ROLLER with 80° shore hardness; Ø 180 mm (7").</p> <p>Belt tension roller Ø 140 mm (5 1/2").</p> <p>Level of contact roller infinitely variable in height according to scale of abrasive grits.</p> <p>Pneumatic lifting / lowering of the contact roller according to the selected sanding operation.</p> <p>Sanding unit Poly-V driven.</p> <p>High efficient dust extraction system.</p>	
<p><input checked="" type="checkbox"/> motor contact roller:</p>	<p>22 kW (36 HP), 3x 220 V / 60 Hz., with slow start for a reduced current consumption.</p>	
<p><input checked="" type="checkbox"/> abrasive belt speed:</p>	<p>19 m/s (57 FPS).</p>	
<p><input checked="" type="checkbox"/> abrasive belt cleaning blowers:</p>	<p>Action controlled for reduction of air consumption; with extraction channels.</p>	
<p><u>2. UNIT</u></p> <p><input checked="" type="checkbox"/> COMBI UNIT:</p> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div>	<p>COMBI UNIT (Contact roller + Pad) with patented BRILLIANT - Sanding - Technology.</p> <p>Pivoting head with adjustable positions at 0° and ...</p> <p>Grooved rubberized CONTACT ROLLER with 50° shore hardness; Ø 180 mm (7").</p> <p>Level of contact roller infinitely variable in height according to scale of abrasive grits.</p> <p>Pneumatic lifting / lowering of the contact roller according to the selected sanding operation.</p> <p>AIR CUSHION PAD, with high precision pressure regulator for extra soft sanding pressure.</p> <p>Belt tension roller Ø 140 mm (5 1/2").</p> <p>Quickly exchangeable graphite shoe system.</p> <p>Sanding unit Poly-V driven.</p> <p>High efficient dust extraction system.</p>	

<input checked="" type="checkbox"/> motor pad unit:	18,5 kW (30 HP), 3x 220 V / 60 Hz., with slow start for a reduced current consumption.	
<input checked="" type="checkbox"/> abrasive belt speed:	15 m/s (45 FPS).	
<input checked="" type="checkbox"/> edge controlling of the pad segments:	Variable edge control and absolute precise adjustment at extra touch screen menu.	
<input checked="" type="checkbox"/> abrasive belt cleaning blowers:	Action controlled for reduction of air consumption; with extraction channels.	
<input checked="" type="checkbox"/> Abrasive belt controlling:	Belt tension, tracking and oscillation pneumatically; consumption of air approx. 2 lt/min (4 CFH) for each sanding unit.	
<input checked="" type="checkbox"/> Abrasive belt entry side:	The abrasive belt entry is on the left side related to the work piece feed direction.	
<input checked="" type="checkbox"/> Work piece feed:	Stepless speed setting of the reinforced conveyor belt; 3 - 15 m/min (9 - 45 FPM). Feed motor: 1,5 kW (2 HP). The setting of the feed speed is made via the Touch Screen and the KÜNDIG - Joy - Stick .	<div style="background-color: #e0f0ff; padding: 10px; text-align: center;"> <p>feed speed</p> <p>12 m/min</p>  </div>
<input checked="" type="checkbox"/> Vacuum device:	High efficient Vacuum table with integrated vacuum generator. Return air of the vacuum generator lead into the machine. Extra punching of the conveyor belt over 200 mm (8") mm width for small work pieces.	
<input checked="" type="checkbox"/> Inlet and outlet tables:	Inlet and Outlet supports with roller.	

<p><input checked="" type="checkbox"/> Pressure rollers:</p>	<p>INLET: Floating precision ground steel pressure roller; \varnothing 50 mm (2").</p> <p>UNITS 1 & 2: Rubberized pressure roller; \varnothing 50 mm (2").</p> <p>OUTLET: Rubberized pressure roller; \varnothing 50 mm (2").</p>	
<p><input checked="" type="checkbox"/> Height adjustment and measurement:</p>	<p>Height adjustment of the sanding unit by motor with automatic slow motion for fine adjustments. The settings for the height are alternatively controlled via Touch Screen or KÜNDIG - Joy - Stick. Automatic setting and measurement of the height of the work piece over the whole working width.</p>	
<p><input checked="" type="checkbox"/> Stock removal:</p>	<p>Stepless variable adjustment of the stock removal in 0,1 mm (0,004") steps at the Touch Screen panel or at the fast adjustment button (SMART SELECT).</p>	
<p><input checked="" type="checkbox"/> Touch Screen:</p>	<p>High quality and efficient coloured Touch Screen.</p>	
<p><input checked="" type="checkbox"/> PLC-Control / Programming:</p>	<p>PLC-Control and programming via colour Touch-Screen. The KÜNDIG - TEACH-IN memory system allows with a "one touch button press" to store, based on the actual sanding result, the work piece thickness, the stock removal and the abrasive belt speed.</p>	
<p><input checked="" type="checkbox"/> Error diagnosis:</p>	<p>The KÜNDIG - ERROR-DIAGNOSIS system shows on the Touch Screen "if" and "where" a problem has appeared.</p>	
<p><input checked="" type="checkbox"/> Statistic:</p>	<p>Hour meter per job and in total.</p>	

<p><input checked="" type="checkbox"/> Comfort feature:</p>	<p>The KÜNDIG - ENORMATIC (SMART-SET) feature allows with an "one button click" a full automatic machine adjustment linked with an automatic start of the work piece feed.</p>	
<p><input checked="" type="checkbox"/> Safety features:</p>	<p>Optimum safety conditions guaranteed by automatic emergency stop with disc brake for belt tear, belt run, pressure loss or by opening the belt entry door during the sanding process.</p> <p>In case of over-thickness of the working piece a safety device is installed to avoid heavy damages of the machine. The feed belt stops automatically and the upper part of the machine lifts up.</p>	
<p><input checked="" type="checkbox"/> Electric device:</p>	<p>Whole electric device with contactor control; automatic star-delta starter of main motor, overload and shortcircuit motor protection and ammeter for supervision of stock removal.</p>	
<p><input checked="" type="checkbox"/> Energy saving mode:</p>	<p>The KÜNDIG - eco* energy saving mode permanently checks the required electrical energy. After a short time interval, if no work pieces are being processed, the machine starts a current saving mode.</p> <p>The work performance is not at all affected.</p> <p>Studies found out that a saving of 15 - 20 % on electrical energy can be achieved.</p>	

Selection of additional options:		
<input checked="" type="checkbox"/> Abrasive belt cleaning blowers on 1. Unit:	Action controlled for reduction of air consumption; with extraction channels. This option is recommended for lacquer sanding.	 <p><u>\$2,500</u></p>
<input checked="" type="checkbox"/> Abrasive belt cleaning blowers on 2. Unit:	Action controlled for reduction of air consumption; with extraction channels. This option is recommended for lacquer sanding.	 <p><u>\$2,500</u></p>
<input checked="" type="checkbox"/> Dust brush for workpiece cleaning:	Dust brush for workpiece cleaning; driven by extra motor 0,75 kW (1,0 HP); including height adjustment; without pressure roller; extraction outlet \varnothing 150 mm (6").	 <p><u>\$3,000</u></p>
<input checked="" type="checkbox"/> Sanding belt length 2620 mm (103"):	The sanding belt length on all units can be increased to 2620 mm (103") instead of 1900 mm (75"); This adjustment includes also belt loaders for all units.	 <p><u>\$7,500</u></p>