
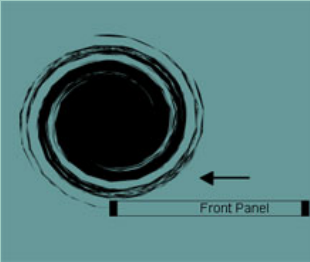

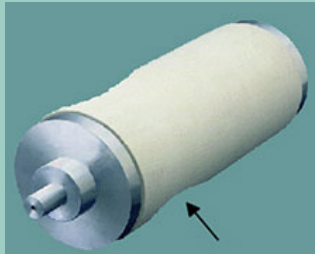


Comparison between Disk Brush and Roller Brush

Functional principle	Gottschild's Disk Brush	Roller Brush
	<p>The Gottschild brushing machines are equipped with single disk-brushes among the total width of the machine. According to the size of the front of the pieces only the needed brushes are operated and worn down separately.</p>	<p>With roller-brushes the single roller-brush reaches over the whole width of the machine. Accordingly to the front of the pieces the brush is worn down in parts only.</p>
Height adjustment	Automatic height and size adjustment	Optional automatic height and size adjustment
	<p>Standard equipment of the brushing machine with automatic height and thickness adjustment of the front of the furniture.</p> <p>Adjustment without loss of time in the flow path even with chaotic infeed.</p>	<p>If an automatic height adjustment is not existent a readjusting by hand is needed for different thickness.</p>
Condition of edges	Optimum texture of edges	Risk of damage
 <p>(Picture 1)</p>  <p>(Picture 2)</p>	<p>The disk-brush touches down on the surface. Due to that the optimum texture of the edges is achieved.</p> <p>(Picture 1)</p>	<p>The roller-brush is strictly attached below the edge of the panel to achieve the cleaning effort. Due to that the panels come up against the roller-brush.</p> <p>(Picture 2)</p> <p>Depending on the rotating direction of the brush the front edge or the back edge can be damaged sharp-edged respectively slightly.</p>

Comparison between Disk Brush and Roller Brush

	Gottschild's Disk Brush	Roller Brush	
Wearing down of brushes  (Picture 3)  (Picture 4)	Consistent Depending on the rotating direction of the brush the front edge or the back edge can be damaged sharp-edged respectively slightly. (Picture 3) Upon the processing of small pieces the brushes wear down at the stop unit consistently. If bigger pieces are processed afterwards the whole surface area is cleaned consistently.	Uneven (one-sided) An eventually available automatic height adjustment does not work properly in the long run because the uneven wearing down of the roller-brush is not taken in the adjustment. Upon the processing of many small pieces the brushes wear down unevenly (Picture 4) If bigger pieces are processed afterwards the whole surface area is cleaned only partly.	
	Due to the horizontal direction of the rotation of the brush the single head of the brush is worn down consistently. Even with a different degree of worn down brushes the machine is fully functional without any need of readjusting.	Upon uneven wearing down the machine is not able to function.	
	Maintenance	Easy, less effort No regrinding because of uneven wearing down necessary. Easy regrinding of the disk-brushes to clean from remaining glue. Time of regrinding: approx. 10 minutes There are no more settings necessary	Complicated, often needed Extensive regrinding of the roller-brush by hand to even the uneven degree of wearing down. Loss of material to the costly brush due to the abrasion. Extensive regrinding of the roller-brush by hand to clean from remaining glue. Time of regrinding: up to 4 hours After grinding a readjusting of the height adjustment is needed
	Maintenance costs	Cost-saving Worn out low cost disk-brushes can be replaced separately	Cost-intensive All costly roller-brushes must be replaced completely
Machine noises	Minor running noise	High running noise	