

TI 1101 – TD dryer belt tension

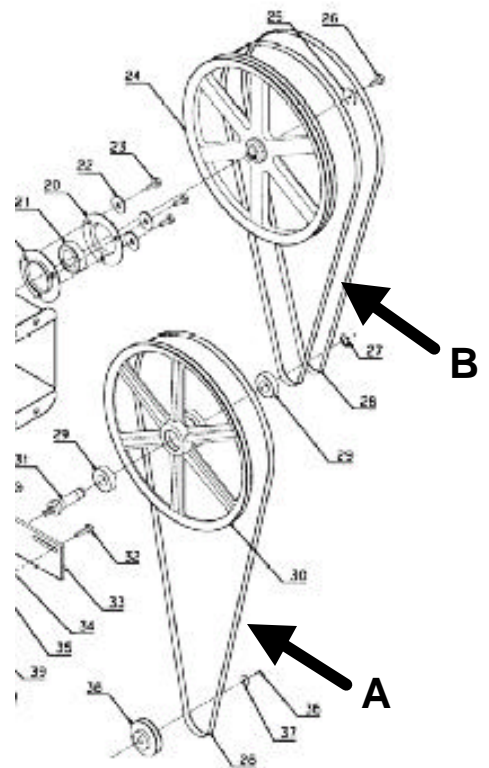
MACHINES AFFECTED: TD30, TD50, TD75, all versions produced from 6/2002 through 1/2003.

On TD30, TD50 and TD75 dryers produced between June, 2002 and January 2003, it has been determined that the drive belts may have been over tightened during assembly of some machines. On the next service visit, it is recommended that the drive belt tension be inspected, and adjusted, as necessary.

The table below provides correct tension data for the drive belts on these models. Note that the tension may be checked by force/deflection measurement or by measuring the response frequency of the belt when plucked.

MODEL	FORCE (pounds)	BELT DEFLECTION (inch)		RESONANT FREQUENCY (min / max) Hz
		New belt	Used belt	
TD30				
Point A	6	3/8	1/2	75 to 95
Point B	6	1/4	3/8	100 to 120
TD50				
Point A	6	3/8	1/2	75 to 95
Point B	6	1/4	3/8	100 to 120
TD75				
Point A	5	3/8	1/2	65 to 90
Point B	5	1/4	3/8	75 to 100

Note that “A” is the point on the free length of the belt, half way between the motor pulley and the idler pulley. “B” is the point on the free length of the belt(s), half way between the idler pulley and the drum pulley.



Call Wascomat Technical Support at 516-371-0700 for additional assistance.

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