

**RD28 »**

Tandem Rollers

## Information

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## RD28 Technical specifications

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	RD28-120	RD28-120C	RD28-120 O
<b>Operating data</b>			
Operating weight with ROPS lb	5,941	5,721	6,074
Operating weight max. lb	7,518	7,319	7,650
L x W x H in	96.9 x 51.6 x 94.1	96.9 x 51.6 x 94.1	96.9 x 51.6 x 94.1
Drum width in	47.2	47.2	47.2
Drum diameter in	28.4	28.4	28.4
Operating width in	49.3	48	49.3
Ground clearance middle in	11	11	11
Drum type front	smooth / undivided	smooth / undivided	smooth / undivided
Drum type rear	smooth / undivided	tires	smooth / undivided
Axle load front lb	2,943	2,954	2,943
Axle load rear lb	2,998	2,767	3,131
Curb clearance in	22.5	22.5	22.5
Centrifugal force front level I lbf	11,690	11,690	11,690
Centrifugal force front level II lbf	7,194	7,194	7,194
Centrifugal force rear level I lbf	11,690		
Centrifugal force rear level II lbf	7,194		
Frequency level I Vpm	4,020	4,020	4,020
Frequency level II Vpm	3,120	3,120	3,120
Amplitude in	0.02	0.02	0.02
Oscillation frequency level I Hz			39
Oscillation frequency level II Hz			30
Tangential amplitude in			0.04
Oscillation force level I lbf			8,992.4
Oscillation force level II lbf			5,170.6
Linear force - front / rear static lb/in	63.95 / 65.1	63.95 / 0	63.95 / 67.4
Advance travel max. ft/min	656	656	656
Gradeability with vibration %	30	30	35
Gradeability without vibration %	40	40	40
Turning radius inside in	93.3	93.3	93.3
<b>Engine / Motor</b>			
Engine / Motor type	3-cylinder diesel engine	3-cylinder diesel engine	3-cylinder diesel engine
Engine / Motor manufacturer	Kubota D1703	Kubota D1703	Kubota D1703
Operating performance ISO 14396 hp	24.8	24.8	24.8
<b>Filling capacities</b>			
Tank capacity fuel US gal	11.1	11.1	11.1
Tank capacity water US gal	47.6	47.6	47.6

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