

RD18 »
Tandem Rollers

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**CALIFORNIA
PROPOSITION 65
WARNING**
RD18 Technical specifications

Metric » Imperial »

| | RD18-100 | RD18-80 | RD18-100C |
|---|--------------------------|--------------------------|--------------------------|
| Operating data | | | |
| Operating weight with roll-over protective structure lb | 3,682 | 3,483 | 3,594 |
| Operating weight max. lb | 4,299 | 4,057 | 4,035 |
| L x W x H in | 89 x 41.6 x 87 | 89 x 33.7 x 87 | 89 x 40.9 x 87 |
| Drum width in | 39.4 | 31.5 | 39.4 |
| Drum diameter in | 24.4 | 24.4 | 24.4 |
| Operating width in | 41.6 | 33.7 | 39.4 |
| Ground clearance middle in | 9.1 | 9.1 | 9.5 |
| Drum type front | smooth/undivided | smooth/undivided | smooth/undivided |
| Drum type rear | smooth/undivided | smooth/undivided | Tires |
| Axle load front lb | 1,797 | 1,687 | 1,775 |
| Axle load rear lb | 1,885 | 1,797 | 1,819 |
| Centrifugal force front Level I lbf | 5,620 | 5,620 | 5,620 |
| Centrifugal force front Level II lbf | 3,597 | 3,597 | 3,597 |
| Centrifugal force rear Level I lbf | 5,620 | 5,620 | |
| Centrifugal force rear Level II lbf | 3,597 | 3,597 | |
| Frequency Level I Vpm | 3,900 | 3,900 | 3,900 |
| Frequency Level II Vpm | 3,120 | 3,120 | 3,120 |
| Amplitude in | 0.02 | 0.02 | 0.02 |
| Linear force - front / rear static lb/in | 46.25 / 49.11 | 54.82 / 58.24 | 45.11 / 0 |
| Advance travel max ft/min | 600.2 | 600.2 | 600.2 |
| Gradeability with vibration % | 30 | 30 | 30 |
| Gradeability without vibration % | 40 | 40 | 40 |
| Turning radius inside in | 83.9 | 87.9 | 83.9 |
| Engine / Motor | | | |
| Engine / Motor type | 3-cylinder diesel engine | 3-cylinder diesel engine | 3-cylinder diesel engine |
| Engine / Motor manufacturer | Kubota D1005 | Kubota D1005 | Kubota D1005 |
| Operating performance hp | 19.9 | 19.9 | 19.9 |
| Engine performance ISO 14396 kW | 14.8 | 14.8 | 14.8 |
| Filling capacities | | | |
| Tank capacity fuel US gal | 8.7 | 8.7 | 8.7 |
| Tank capacity water US gal | 18.5 | 18.5 | 18.5 |

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