MCM
AFRICA

# R8000-DD

## 8 TON TANDEM VIBRATORY ROLLER

COMPACTION EQUIPMENT




### TANDEM DRUM DESIGN

Dual-amplitude vibratory operation

Pressurised water spray system

Air-conditioned operator cab

| 8,000 KG | 74 kW | 1,730 mm | 1,000 L |
|---|---|---|---|
| OPERATING MASS | ENGINE OUTPUT | DRUM WIDTH | TOTAL WATER CAPACITY |

## TECHNICAL SPECIFICATIONS

MCM R8000-DD | 8 TON

### POWERTRAIN & PERFORMANCE

| | |
|---|---|
| Engine | **Cummins 4BT3.9-C100** |
| Engine output | **74 kW** |
| Rated engine speed | **2,400 rpm** |
| Hydraulic system | **Danfoss** |
| Travel speed | **0-10 km/h** |
| Gradeability | **30%** |
| Turning radius | **4,850 mm** |

### VIBRATION & DRUMS

| | |
|---|---|
| Drum width | **1,730 mm** |
| Drum diameter | **1,150 mm** |
| High / low amplitude | **0.67 / 0.34 mm** |
| High / low frequency | **40 / 46 Hz** |
| High vibration force | **160 × 2 kN** |
| Low vibration force | **90 × 2 kN** |
| Static linear load | **289 N/cm** |

### DIMENSIONS & CHASSIS

| | |
|---|---|
| Overall length | **4,650 mm** |
| Overall width | **1,930 mm** |
| Overall height | **2,810 mm** |
| Wheelbase | **3,390 mm** |
| Ground clearance | **220 mm** |
| Front / rear axle load | **4,000 / 4,000 kg** |
| Steering angle | **±30°** |
| Drum oscillation | **±8°** |

### TANK CAPACITIES & EQUIPMENT

| | |
|---|---|
| Fuel tank | **110 L** |
| Hydraulic oil tank | **75 L** |
| Water tank | **2 × 500 L** |
| Water spray | **Pressure system** |
| Cabin | **Air-conditioned** |
| Frame | **Fork-type** |



Specifications subject to final confirmation. Images illustrative.