

|                                  |                             |
|----------------------------------|-----------------------------|
| <b>Engine</b>                    | Cummins QSB4.5              |
| <b>Rated Power</b>               | 119 kW (160 hp) @ 2,200 rpm |
| <b>Nominal Amplitude Range</b>   | 0.75 / 0.4 mm               |
| <b>Vibration Frequency Range</b> | 45 / 50 Hz                  |
| <b>Centrifugal Force Range</b>   | 166 / 99 kN                 |
| <b>Working Width</b>             | 2,130 mm                    |
| <b>Operating Weight</b>          | 14,000 kg                   |

# 6214E

ROLLER



TOUGH WORLD. TOUGH EQUIPMENT.

# 6214E SPECIFICATIONS >>>

| ENGINE                      |                                     |
|-----------------------------|-------------------------------------|
| Emission Regulation         | Tier 3 / Stage III                  |
| Make                        | Cummins                             |
| Model                       | QSB4.5                              |
| Rated Power                 | 119 kW (160 hp) @ 2,200 rpm         |
| Peak Torque                 | 624 N·m @ 1,500 rpm                 |
| Number of Cylinders         | 4                                   |
| Aspiration                  | Turbo, air-to-air intercooled       |
| Cooling Type                | Water                               |
| ELECTRICAL SYSTEM           |                                     |
| System Voltage              | 24 V                                |
| DRIVE TRAIN                 |                                     |
| Theoretical Gradeability    | 40%                                 |
| Crab Walking                | 160 mm                              |
| Transmission Type           | Hydrostatic                         |
| 1st Max. Travel Speed, Fwd  | 6 km/h                              |
| 2nd Max. Travel Speed, Fwd  | 8 km/h                              |
| 3rd Max. Travel Speed, Fwd  | 12 km/h                             |
| Min. Outside Turning Radius | 6,770 mm                            |
| AXLES                       |                                     |
| Steering System             | Hydraulic                           |
| Steering Method             | Articulation                        |
| Steering Angle              | ± 35°                               |
| Steering Relief Pressure    | 16 MPa                              |
| BRAKES                      |                                     |
| Service Brake Type          | Hydraulic                           |
| Service Brake Actuation     | Hydraulic                           |
| Parking Brake Actuation     | Mechanical apply, hydraulic release |
| DIMENSIONS                  |                                     |
| A Overall Length            | 5,050 mm                            |
| B Overall Width             | 2,300 mm                            |
| C Drum Width                | 2,130 mm                            |
| D Drum Diameter             | 1,350 mm                            |
| E Drum Thickness            | 23 mm                               |
| F Wheelbase                 | 3,585 mm                            |
| G Min. Ground Clearance     | 345 mm                              |
| H Overall Height            | 3,195 mm                            |

| HYDRAULIC SYSTEM              |               |
|-------------------------------|---------------|
| Main Pump Type                | Piston pump   |
| Main Relief Pressure          | 35 MPa        |
| PERFORMANCE                   |               |
| Front Drum Static Linear Load | 329 N/cm      |
| Rear Drum Static Linear Load  | 329 N/cm      |
| Number of Vibrating Drums     | 2             |
| Nominal Amplitude Range       | 0.75 / 0.4 mm |
| Vibration Frequency Range     | 45 / 50 Hz    |
| Centrifugal Force Range       | 166 / 99 kN   |
| Number of Amplitude Settings  | 2             |

| OPERATING WEIGHTS             |           |
|-------------------------------|-----------|
| Operating Weight with Ballast | 14,000 kg |
| Weight on Front Drum          | 7,000 kg  |
| Weight on Tires               | 7,000 kg  |
| SERVICE CAPACITIES            |           |
| Fuel Tank                     | 220 L     |
| Engine Oil                    | 12 L      |
| Hydraulic Oil Tank            | 80 L      |
| Cooling System                | 22 L      |
| OPTIONAL EQUIPMENT            |           |
| Rotary Beacon                 |           |
| Compaction Meter              |           |
| GPS                           |           |

