

# XS113E



# XS113E

Single Drum Vibratory Roller

XS113E is self-propelled, single drum, full hydraulic dual drive vibratory roller designed specially for southeast Asia market. Featuring high excitation force, high compaction efficiency and good compaction quality, it is widely used in compaction work on base layer, sub-base layer and rock fill for forestry roads, railways, highways, airports, ports, dams and industrial construction sites;



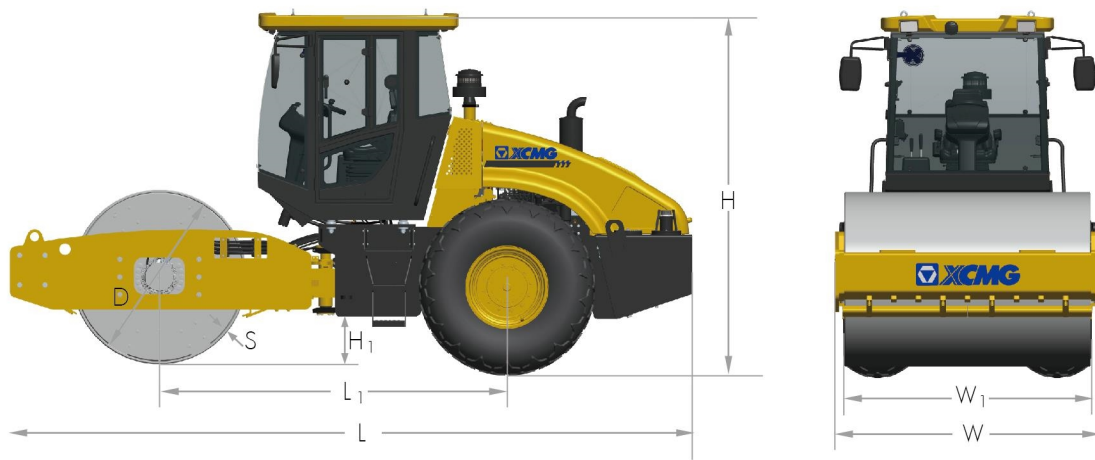
## Performance and characteristics

- High-performance power system design allow normal working under ambient temperature of 46 C.
- Cylinder-type four-support long-life drum, unparalleled 10,000 hours lifetime expected under standard working conditions.
- Centered static and dynamic forces for state-of-the-art compaction homogeneity — less than 5%.
- Cabin + KFR air conditioner + padfoot drum, meeting the needs of different users.
- The infinitely variable speeds function guarantees optimum work speeds under diversified working conditions.

## Main dimensions

Unit: mm

| Model  | L    | L1   | W    | W1   | H    | H1  | S  | D    |
|--------|------|------|------|------|------|-----|----|------|
| XS113E | 5940 | 3010 | 2300 | 2130 | 3150 | 412 | 25 | 1513 |



## Main specifications

| Item                   | Content                               | Unit  | XS113E          |
|------------------------|---------------------------------------|-------|-----------------|
| <b>Weights</b>         | Operating weight                      | kg    | 10400           |
|                        | Maximum operating weight              | kg    |                 |
|                        | Front axle weight                     | kg    | 5400            |
|                        | Rear axle weight                      | kg    | 5000            |
|                        | Static linear load                    | N/cm  | 284.4           |
| <b>Maneuverability</b> | Working speed(F/R)                    | km/h  | 0~7.5; 0~10     |
|                        | Gradeability                          | %     | 40              |
|                        | Minimum turning radius(outer)         | mm    | 6800            |
|                        | Minimum ground clearance              | mm    | 412             |
|                        | Wheel base                            | mm    | 2010            |
|                        | Steering angle                        | °     | ±30             |
| <b>Compaction</b>      | Oscillation angle                     | °     | ±10             |
|                        | Vibration frequency                   | Hz    | 32              |
|                        | Nominal amplitude                     | mm    | 1.8/0.9         |
|                        | Excitation force (high/low frequency) | kN    | 240/120         |
|                        | Drum diameter                         | mm    | 1513            |
| <b>Engine</b>          | Drum width                            | mm    | 2130            |
|                        | Model                                 | -     | 4BTA3.9-C125    |
|                        | Emission                              | -     | China stage II  |
|                        | Rated power                           | kW    | 93              |
|                        | Rated speed                           | r/min | 2200            |
| <b>Tire</b>            | Spec.                                 | -     | 23.1-26-12G23TL |
|                        | Ply rating                            | -     | 12              |
|                        | Air pressure                          | kPa   | 150-170         |
| <b>Capacities</b>      | Fuel tank                             | L     | 200             |
|                        | Urea tank                             | L     | /               |