

# XS125/XS125PD



## XS125/XS125PD

Single Drum Vibratory Roller

XS125/XS125PD is a heavy-type, self-propelled, full hydraulic double drive single drum vibratory roller which is special designed for European market. This product fulfills the requirements of the European Stage V emission standards. 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 roads, railways, airports, harbors, dams and industrial construction sites.



## Performance and characteristics

- 1×1m front and rear visibility, up to 21.09% increased rear vision, significantly improve the operation convenience and compaction quality.
- Active Noise Control(ANC), exhaust noise to the driver's ear is lower than 75dB(A).
- Engine speed control, intelligent temperature control and automatic idling contributes to the lowest fuel consumption in industry.

- Perfect combination of high climbing ability and anti-skid technology, leading industry in adaptability to extreme working conditions.
- Cylinder-type four-support long-life drum, unparalleled 10,000 hours lifetime expected under standard working conditions.

## Main dimensions

Unit: mm

| Model   | L    | L1   | W    | W1   | H    | H1   | H2  | S  | D    |
|---------|------|------|------|------|------|------|-----|----|------|
| XS125   | 5990 | 3060 | 2300 | 2130 | 2990 | 2360 | 417 | 25 | 1523 |
| XS125PD | 5990 | 3060 | 2300 | 2130 | 3145 | 2515 | 523 | 25 | 1723 |



## Main specifications

| Item                   | Content                       | Unit  | XS125/XS125PD                  |
|------------------------|-------------------------------|-------|--------------------------------|
| <b>Weights</b>         | Operating weight              | kg    | 12000/12850/13370              |
|                        | Maximum operating weight      | kg    | 12400/13250/13770              |
|                        | Front axle weight             | kg    | 7300/8150/8670                 |
|                        | Rear axle weight              | kg    | 4700                           |
|                        | Static linear load            | N/cm  | 336/-                          |
| <b>Maneuverability</b> | Working speed(F/R)            | km/h  | 0~11.0/0~11.85                 |
|                        | Gradeability                  | %     | 60/45                          |
|                        | Minimum turning radius(outer) | mm    | 6350                           |
|                        | Minimum ground clearance      | mm    | 417/523                        |
|                        | Wheel base                    | mm    | 3060                           |
|                        | Steering angle                | °     | ±35                            |
|                        | Oscillation angle             | °     | ±10                            |
| <b>Compaction</b>      | Vibration frequency           | Hz    | 30/35                          |
|                        | Nominal amplitude             | mm    | 2.0/1.0; 1.6/0.8               |
|                        | Excitation force              | kN    | 252/181                        |
|                        | Drum diameter                 | mm    | 1523/1723                      |
|                        | Drum width                    | mm    | 2130                           |
| <b>Engine</b>          | Model                         | -     | F3.8                           |
|                        | Emission                      | -     | EU Stage V                     |
|                        | Rated power                   | kW    | 115                            |
|                        | Rated speed                   | r/min | 2200                           |
| <b>Tire</b>            | Spec.                         | -     | 23.1-26-12G23TL/23.1-26-12R1TL |
|                        | Ply rating                    | -     | 12                             |
|                        | Air pressure                  | kPa   | 200/170                        |
| <b>Capacities</b>      | Fuel tank                     | L     | 260                            |
|                        | Urea tank                     | L     | 33                             |