

# SW250-M

High Vacuum Self-priming Drainage Trailer Pump



**SPEEDWAGON**  
PUMPS & EQUIPMENT

## MODEL# SW250-M

The intelligent control system provides real-time engine protection, supporting remote monitoring and start/stop control, making drainage operations smarter and more convenient. The integrated trailer-mounted fuel tank design makes the equipment more compact and lightweight.



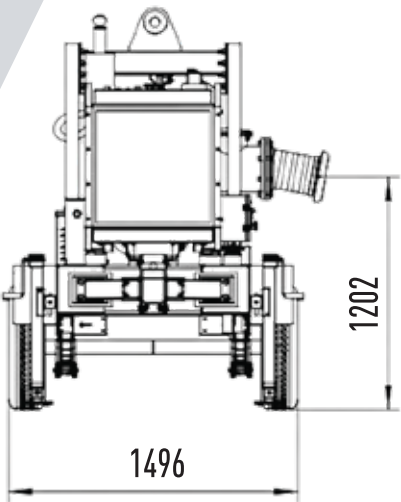
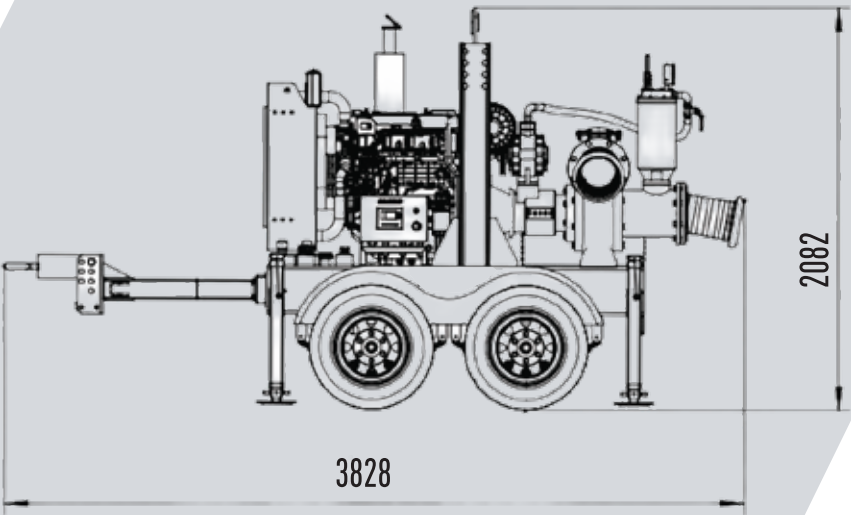
## TECHNICAL SPECS

Our high vacuum system has patent certification. High-performance Oil-circulated Vacuum System with a maximum vacuum of -0.099 MPa and 100 m³/h exhaust capacity. Built-in cooling system ensures stable operation without oil overheating. The air-water separator prevents water from entering the oil tank, maintaining efficiency.

## PERFORMANCE

| Machine Performance                                      |                                                |
|----------------------------------------------------------|------------------------------------------------|
| Type                                                     | Trailer Mounted, Stationery, Closed, Open Type |
| Max Flow                                                 | 1000 m³/h                                      |
| Max Head                                                 | 30 m                                           |
| Suction Height                                           | >8.5 m                                         |
| Diesel Engine Parameters                                 |                                                |
| Brand Recommended                                        | Cummins, Weichai, Baudouin, Deutz              |
| Power                                                    | >50 kW                                         |
| Speed                                                    | 1500-2000 rpm                                  |
| Cooling Method                                           | Water Cooled or Air Cooled                     |
| Pump Parameters                                          |                                                |
| Inlet                                                    | 8 inch                                         |
| Outlet                                                   | 8 inch                                         |
| Speed                                                    | 1500-1800 rpm                                  |
| Pump Case                                                | Cast Iron                                      |
| Impeller                                                 | Cast Iron/Stainless Steel                      |
| Shaft                                                    | Carbon Steel/Stainless Steel                   |
| Max Particle Size                                        | 76 mm                                          |
| Accessories Available                                    |                                                |
| Suction Pipe, Hose, Quick Connections, Strainers, Clamps |                                                |

## MECHANICAL DIMENSIONS



\*Dimensions may vary depending on engine model and type.

## PERFORMANCE CURVE

