Technical sheet:

850R



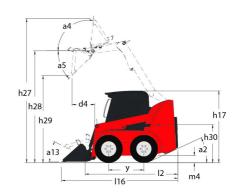


| | BSOR Created on September 10, 2025 at 1.09 Aim to |
|-----------------------------------------|----------------------------------------------------------|
| Capacities | Metric |
| Rated Operating Capacity | 386 kg |
| Unladen weight | 1352 kg |
| Weight and dimensions | |
| Wheelbase | y 775 mm |
| Overall Operating Height - Fully Raised | h27 3167 mm |
| Height to Hinge Pin - Fully Raised | h28 2438 mm |
| Overall Height to top of ROPS | h17 1897 mm |
| Dump angle at full height | a5 46 ° |
| Dump height | h29 1836 mm |
| Overall length with bucket | l16 2576 mm |
| Dump reach - Full height | r6 376 mm |
| Rollback at ground | a13 23 ° |
| Seat to ground height | h30 879 mm |
| Overall width less bucket | b1 909 mm |
| Bucket Width | e1 914 mm |
| Ground clearance | m4 150 mm |
| Overall length - Less Bucket | 12 1905 mm |
| Departure angle | a2 30 ° |
| Clearance Radius - Front with Bucket | b18 1473 mm |
| Performances | |
| Travel speed (unladen) | 8.90 km/h |
| Wheels | 0.50 Mily II |
| Standard tires | 5.70 x 12 |
| Engine | 576 X 12 |
| Engine brand | Yanmar |
| Engine model | 3TNV82A-BPMSR |
| Engine norm | Stage V |
| Gross Power | 18.10 kW |
| Net Power | 17.80 kW |
| Max. torque / Engine rotation | 86 Nm / 2400 rpm |
| Power source | Diesel |
| Battery voltage | 12 V |
| Alternator | 40 kW |
| Starter | 1.70 kW |
| Hydraulics | 1.70 KH |
| Standard flow - Auxiliary hydraulics | 38.20 l/min |
| Auxiliary Hydraulic Pressure | 145 bar |
| Tank capacities | 143 001 |
| Fuel tank | 29 |
| Hydraulic tank capacity | 27.30 |
| Displacement | 1.30 |
| Noise and vibration | 1.301 |
| | 101 dB |
| Noise to environment (LwA) | 85 dB |
| Noise at driving position (LpA) | 85 0B 1.05 m/s² |
| Whole-Body Vibration (ISO 2631-1) | |
| Vibration on hands/arms | < 1.53 m/s ² |

850R - Dimensional drawing







Equipment







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