Technical sheet:

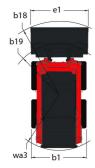
## **850**R



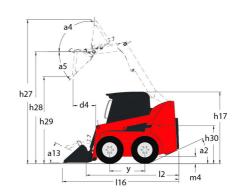


|   | 850R Created on Jul | ne 12, 2025 at 10:08 PM UTC |
|---|---------------------|-----------------------------|
| Capacities                              |                     | Metric                      |
| Rated Operating Capacity                |                     | 386 kg                      |
| Unladen weight                          |                     | 1352 kg                     |
| Weight and dimensions                   |                     |                             |
| Wheelbase                               | у                   | 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                                  |                     |                             |
| Standard tires                          |                     | 5.70 x 12                   |
| Engine                                  |                     |                             |
| 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                              |                     |                             |
| Standard flow - Auxiliary hydraulics    |                     | 38.20 l/min                 |
| Auxiliary Hydraulic Pressure            |                     | 145 bar                     |
| Tank capacities                         |                     |                             |
| Fuel tank                               |                     | 29                          |
| Hydraulic tank capacity                 |                     | 27.30 l                     |
| Displacement                            |                     | 1.30                        |
| Noise and vibration                     |                     |                             |
| Noise to environment (LwA)              |                     | 101 dB                      |
| Noise at driving position (LpA)         |                     | 85 dB                       |
| Whole-Body Vibration (ISO 2631-1)       |                     | 1.05 m/s <sup>2</sup>       |
| Vibration on hands/arms                 |                     | < 1.53 m/s <sup>2</sup>     |

## 850R - Dimensional drawing







## **Equipment**







## **Head Office**

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