Technical sheet:

## **850R**



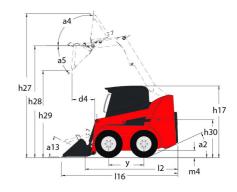


Method Operating Capacity		asor Cleated on December 9, 2025 at 5.5	BSOR Created on December 9, 2025 at 5.55 PW OTC	
Unidam weight   Weight and dimensions   Weight and dimensions   Y   775 mm   Y	Capacities	Metric		
Worderbase         y         775 mm           Overall Operating Height - Fully Paised         h27         3167 mm           Height for Hully Paised         h22         2438 mm           Overall Height to of 6DS         h17         1897 mm           Dump alog at full height         h29         1818 mm           Dump alog at full height         h29         1818 mm           Overall Height to of 6DS         h16         257 mm           Dump alog at full height         h6         375 mm           Overall leight with bucket         h16         257 mm           Overall width lies bucket         h16         257 mm           Follback at ground         p13         22°           Sea to ground height         p1         90 mm           Blucket Width         p1         90 mm           Ground clearance         m6         157 mm           Overall leight busket         p1         190 mm           Departure angle         p2         1905 mm           Bucket Width         p1         190 mm           Cerusal width laws bucket         p1         190 mm           Performance         p2         570 x 12           English busket         p1         570 x 12	Rated Operating Capacity	386 kg		
Wheelbase         y         775 mm           Overall Operall pelight Fully Raised         5,22         3167 mm           Overall Height to Hugh Raised         5,22         2438 mm           Overall Height Holph to top of ROPS         517         1897 mm           Dump angle at full Height         5,25         6,66°           Dump angle at Holl Height         18,22         1836 mm           Owerall Height with bucket         16         3,76° mm           Owerall Height with bucket         16         3,76° mm           Owerall Height with bucket         16         3,76° mm           Nollback of ground         18         6         376° mm           Nollback of ground         16         90 mm         19         190 mm           Overall width less bucket         11         90 mm         19         190 mm	Unladen weight	1352 kg		
Overall peright Fully Raised         h27         3157 cm           Height to ting Pin Fully Raised         h28         2438 mm           Overall Height to big of ROPS         a5         46°           Dump angle at full height         h26         1859 mm           Overall Height to big of ROPS         156         2575 mm           Overall Leight with bucket         16         2575 mm           Overall Leight with bucket         163         378 mm           Rollack at ground         813         23°           Seat to ground height         h30         879 mm           Rollack at ground         61         900 mm           Bucket Width         61         900 mm           Ceveral leight - Less bucket         61         914 mm           Bucket Width         62         1950 mm           Overall leight - Less Bucket         12         1955 mm           Departure angle         12         1955 mm           Cleannee         12         1955 mm           Televation         15         800 km/h           Televation         15         800 km/h           Televation         2         800 km/h           Regigne broad         2         800 km/h	Weight and dimensions			
Height to High Phin - Fully Raised	Wheelbase	y 775 mm		
Ownall Height to top of RDPS         51         45°         46°           Dump aniget at full hight         55         46°         1836 mm           Overall Reight with bucket         16°         2576 mm         1836 mm           Dump reach - Fall height         6°         376 mm         60°         376 mm           Rollback at ground         1813         22°         136 mm         150 mm	Overall Operating Height - Fully Raised	h27 3167 mm		
Dump angle at full height         55         46*           Dump height         129         1336 mm           Oung height with bucket         116         2576 mm           Dump reach - Full height         6         376 mm           Dump reach - Full height         6         376 mm           Gelback at gound         180         879 mm           Sext to ground height         180         987 mm           Overall width less bucket         191         900 mm           Bucket Width         181         190 mm           Ground cleannee         182         190 mm           Gould cleannee         182         190 mm           Overall leight Less Bucket         18         1473 mm           Ground cleannee         18         1473 mm           Overall leight Less Bucket         18         1473 mm           Reformance         18         1473 mm           Tarvel speed (unisden)         18         1473 mm           Wester         18         1473 mm           Reformance         18         18         1473 mm           Bright         18         1473 mm         18         1473 mm         18         18         1473 mm         18         18	Height to Hinge Pin - Fully Raised	h28 2438 mm		
Dump helight         h29         1836 mm           Overal lingthy with bucket         116         2576 mm           Dump neach - Fall helight         61         376 mm           Rollback at ground         813         23*           Sea ta to ground helight         150         909 mm           Ducket Width         e1         914 mm           Ground clearance         #4         150 mm           Overall lingth - Less Bucket         12         1905 mm           Departure angle         12         1905 mm           Departure angle         2         30*           Clearance Redius - Front with Bucket         b18         1473 mm           Performances         8         1473 mm           Performances         8         8.90 km/h           Travel speed (unlader)         8         8.90 km/h           Wheets         9         5.70 x 12           Engine         9         5.70 x 12           Engine         9         5.70 x 12           Engine poma         9         9         9           Max. torque / Engine rotation         9         9         9           Power source         9         12         12           Engine	Overall Height to top of ROPS	h17 1897 mm		
Overall length with bucket         16         2576 mm           Dump each - Full height         66         376 mm           Rollback at ground height         al3         23 °           Seat to ground height         130         879 mm           Overall width less bucket         e1         994 mm           Bucket Width         e1         914 mm           Ground clearance         m4         150 mm           Overall length - Less Bucket         12         1905 mm           Operature angle         12         1905 mm           Operature angle         2         30 °           Clearance Redius - Front with Bucket         18         1473 mm           Profromances         18         1473 mm           Profromances         18         5.00 km/h           Wheels         1         5.00 km/h           Standard fürse         5.00 km/h         1.00 km/h           Wheels         1         5.00 km/h           Bengine model         5         5.00 km/h           Engine model         5         5.00 km/h           Engine pomer (Hp / kW)         5         85 km/z 200 pm           Stater         40 kW           Stater         40 kW	Dump angle at full height	a5 46 °		
Dump reach - Full height         n6         376 mm           Rollback at ground         n13         23 °           Seat to ground height         n30         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           Operature angle         12         1905 mm           Clearance Redius - Front with Bucket         p18         1473 mm           Performances         18         1473 mm           Taxel speed (unladen)         8.90 km/h           Wheels         5.70 xt 2           Standard tiers         5.70 xt 2           Engine         5.70 xt 2           Engine brand         5.70 xt 2           Engine model         35.70 xt 2           Engine promote         18 km / 2400 pm           Max. torque / Engine rotation         2 9.90 km / 2400 pm           Power source         10 km / 2400 pm           Engine power (lp / kW)         2 9.90 km / 2400 pm           State of the fire of the power source         10 km / 2400 pm           Battery voltage         1 2 y 3 km / 2400 pm	Dump height	h29 1836 mm		
Rollback at ground         a13         23 *           Seat to ground height         b1         879 mm           Oceall width less buckt         b1         999 mm           Bucket Width         e1         914 mm           Ground clearance         m4         150 mm           Overall length - Less Bucket         12         1905 mm           Departure angle         a2         30 *           Clearance Badus - Front with Bucket         b18         1473 mm           Performances         b18         1873 mm           Travel speed (unladen)         b18         350 km/h           Wheels         5         4         50 km/h           Shandard fires         5         4         570 x 12         50 km/h         50 k	Overall length with bucket	l16 2576 mm		
Sea to ground height         h30         879 mm           Overall widh less bucket         b1         999 mm           Bucket Widh         e1         914 mm           Ground cleatance         m4         150 mm           Overall leagh - Leas Bucket         i2         1905 mm           Departure angle         a2         30°           Cleanace Radius - Front with Bucket         b18         1473 mm           Performances         B18         1473 mm           Travel speed (unladen)         8.90 km/h         8.90 km/h           Wheels         \$3.90 km/h         \$3.00 km/h           Standard fires         \$7.70 x 12         \$3.00 km/h           Engine         \$7.00 x 12         \$3.00 km/h           Engine brand         \$7.00 x 12         \$3.00 km/h           Engine brand         \$1         \$4 mm           Engine brand         \$1         \$5.00 km           Engine brand         \$1         \$5.00 km           Engine brand         \$1         \$1.00 km           Engine brand         <	Dump reach - Full height	r6 376 mm		
Overall width less bucket         bl         909 mm           Bucket Width         e1         914 mm           Gound clearance         m4         150 mm           Overall length - Less Bucket         12         1905 mm           Departure angle         12         1905 mm           Clearance Radius - Front with Bucket         b18         1473 mm           Performances         b18         1473 mm           Travel Speed (unladen)         6         8.90 km/h           Wheels         570 x 12         150 km/h           Standard tities         570 x 12         570 x 12           Engine broad         6         570 x 12           Engine broad         6         4         570 x 12           Engine broad         6         53 x 12         570 x 12           Engine broad         6         53 x 12         570 x 12           Engine broad         6         5 x 12         5 x 12           Engine broad         6         5 x 12         5 x 12           Engine broad         6         5 x 12         5 x 12           Engine broad         6         1 x 2         1 x 2           Engine brower (lip / x W)         6         1 x 2         1 x 2	Rollback at ground	a13 23 °		
Bucket Wildh         e1         914 mm           Ground clearance         #4         155 mm           Overall lengh - Less Bucket         22         1905 mm           Departure angle         32         30°*           Clearance Radius - Front with Bucket         b18         1473 mm           Freformance         b18         1473 mm           Freformance         b18         8.90 km/h           Tawal speed (unladen)         5         8.90 km/h           Wheed         5         5.70 x 12           Engine         5         5.70 x 12           Engine brand         5         5.80 km/h           Engine brand         5         5.80 km/2           Engine brand         5         6.81 km/2         6.81 km/2	Seat to ground height	h30 879 mm		
Ground clearance         m4         150 mm           Overall length - Less Bucket         12         1905 mm           Departure angle         22         30 °*           Clearance Radius - Front with Bucket         b18         1473 mm           Performances         Both Call State of the Color of the Colo	Overall width less bucket	b1 909 mm		
Overall length - Less Bucket         12         1905 mm           Departure angle         a2         30 °           Clearance Radius - Front with Bucket         b18         1473 mm           Performances         B18         1473 mm           Travels speed (unladen)         S         8.90 km/h           Wheels         Stondard tires         S         5.70 x 12           Engine         B19         Yammar         S           Engine broard         S         317N82A BPMSR         S         317N82A BPMSR         Sage V	Bucket Width	e1 914 mm		
Departure angle         82         30 °           Clearance Radius - Front with Bucket         b18         1473 mm           Performances         1         1           Travel speed (unladen)         2         8.90 km/h           Wheels         5.70 x 12           Engine         5.70 x 12           Engine         5.70 x 12           Engine brand         5.70 x 12           Engine brand         5.70 x 12           Engine model         5.70 x 12           Engine prode         5.70 x 12           Max. torque / Engine rotation         5.90 x 5tage V           Max. torque / Engine rotation         6 Nin / 2400 rpm           Power source         6 Diesel           Engine power (thp / kW)         23.90 th / 17.80 kW           Stater         40 kW           Stater         40 kW           Stater         40 kW           Stater         40 kW           Hydraulics         5 Total kW           Stater         40 kW           Hydraulic shick capacity         40 kW	Ground clearance	m4 150 mm		
Clearance Radius - Front with Bucket         b18         1473 mm           PerformanceS         Clearance Radius - Front with Bucket         Clearance Radius - Front with Bucket         Clearance Radius - Front with Bucket           Tavel speed (unladen)         Clearance Radius - Front with Bucket         Clear Radius - Front with Bucket         Second Radius - Front with Bucket         Clear Radius - Front with Bucket         Stage Velocity - Front with Bucket with Bucket         Stage Velocity - Front with Bucket with Bucke	Overall length - Less Bucket	l2 1905 mm		
Performances         Image (unladen)         Image (unlade	Departure angle	a2 30 °		
Travel speed (unladen)         8.90 km/h           Wheels         Commender           Engine brand         Yanmar           Engine model         3TTNVSZA-BPMSR           Engine nord         Stage V           Max. torque / Engine rotation         86 Nm / 2400 rpm           Power source         Diesel           Engine power (Hp / kW)         23.90 Hp / 17.80 kW           Statery voltage         12 V           Alternator         40 kW           Stater         40 kW           Inside of waxiliary hydraulics         38.20 l/min           Auxiliary Hydraulic Pressure         38.20 l/min           Tank capacities         29 I           Fuel         27.30 I           Hydraulic hax capacity         27.30 I           Upfiqualic hax capacity         27.30 I           Fuel         27.30 I           Hydraulic hax capacity         27.30 I           Fuel         3.30 I           Upfiqualic hax capacity         27.30 I           Fuel         3.30 I           Hydraulic hax capacity         3.30 I           Fuel         3.30 I           Hydraulic hax capacity         3.30 I           Upsilon (LpA)         3.30 I	Clearance Radius - Front with Bucket	b18 1473 mm		
Wheels         Commander         S.70 x 12           Engine         Commander         Commander           Engine model         3TNN82A. APMSR         Stage V           Max. torque / Engine rotation         86 Nm / 2400 rpm         Stage V           Power source         Diesel         Diesel           Engine power (Hp / kW)         23.90 Hp / 17.80 kW         23.90 Hp / 17.80 kW           Battery voltage         12 V         40 kW           Starter         40 kW         40 kW           Hydraulic         38.20 l/min         45 bar           Tank capacities         38.20 l/min         45 bar           Fuel         427.30 I         45 bar           Hydraulic tank capacity         29 I         27.30 I           Displacement         29 I         3.30 I           Noise at driving position (LpA)         101 dB         8           Whole-Body Vibration (ISO 2631-1)         5 dB         4 5 dB	Performances			
Standard tires         5.70 x 12           Engine         Compose         Compose           Engine brand         3TKV82A EPMSR           Engine nomel         3TKV82A EPMSR           Engine nome         86 Nm / 2400 rpm           Mex. torque / Engine rotation         86 Nm / 2400 rpm           Power source         23.90 Hp / 17.80 kW           Engine power (Hp / kW)         23.90 Hp / 17.80 kW           Battery voltage         12 V           Alternator         40 kW           Starder         40 kW           Mydraulics         38.20 l/min           Auxiliary Hydraulics         38.20 l/min           Auxiliary Hydraulic Pressure         145 bar           Total         29 l           Hydraulic tank capacity         29.1           Updraulic tank capacity         29.1           Siplacement         29.1           Noise and without one         29.1           Noise to environment (LwA)         6           Noise to environment (LyA)         6           Whole-Body Vibration (IsS) 2631-1)         15.5 m/s²	Travel speed (unladen)	8.90 km/h		
Engine         Companie         Yanmar           Engine model         3TNV82A-BPMSR           Engine nome         Stage V           Max. torque / Engine fotation         86 Nm / 2400 rpm           Power source         Diesel           Engine power (Hp / kW)         23.90 Hp / 17.80 kW           Battery voltage         12 V           Altemator         40 kW           Starter         1.70 kW           Bydraulics         38.20 l/min           Auxiliary Hydraulic Pressure         145 bar           Fuel         29 l           Hydraulic tank capacity         27.30 l           Displacement         27.30 l           Noise and vibration         1.30 l           Noise on vivinoment (LwA)         85 dB           Whole-Body Vibration (ISO 2631-1)         85 dB	Wheels			
Engine brand         Yanmar           Engine model         3TNW82A-BPMSR           Engine norm         Stage V           Max. torque / Engine rotation         86 Nm / 2400 rpm           Power source         Diesel           Engine power (Hp / kW)         23.9 Hp / 17.80 kW           Battery voltage         12 V           Alternator         40 kW           Stafer         40 kW           Hydraulics         38.20 l/min           Auxiliary hydraulics Pressure         145 bar           Fuel         29 l           Hydraulic tank capacitis         27.30 l           Fuel         27.30 l           Hydraulic tank capacity         27.30 l           Displacement         1.30 l           Noise and vibration         85 dB           Noise on vibroment (LwA)         85 dB           Noise at driving position (LpA)         85 dB           Whole-Body Vibration (ISO 2631-1)         1.05 m/s²	Standard tires	5.70 x 12		
Engine model         3TNW82A-BPMSR           Engine nom         Stage V           Max. torque / Engine rotation         86 Nm / 2400 rpm           Power source         Diesel           Engine power (Hp / kW)         23.90 Hp/ 17.80 kW           Battery voltage         12 V           Altemator         40 kW           Stater         40 kW           Hydroulise         38.20 l/min           Standard flow-Auxiliary hydrallics         38.20 l/min           Auxiliary hydrallic Pressure         38.20 l/min           Fuel         29 l           Hydraulic ank capacity         29 l           Floquement         2 27.30 l           Displacement         2 27.30 l           Noise and wibration         3 1.01 l/mis           Noise to environment (LWA)         5 101 l/B           Noise and driving position (LpA)         6 5.5 dB           Whole-Body Vibration (ISO 2631-1)         1.05 m/s²	Engine			
Engine norm         Stage V           Max. torque / Engine rotation         86 Nm / 2400 rpm           Power source         Diesel           Engine power (Hp / kW)         23.90 Hp / 17.80 kW           Battery voltage         12 V           Altemator         40 kW           Starter         40 kW           Hydraulics         38.20 l/min           Standard flow - Auxiliary hydraulics         38.20 l/min           Auxiliary Hydraulic Pressure         145 bar           Fuel         29 l           Hydraulic tank capacities         27.30 l           Displacement         27.30 l           Noise and vibration         13.01 d           Noise to environment (LwA)         55 dB           Whole-Body Vibration (ISO 2631-1)         1.05 m/s²	Engine brand	Yanmar		
Max. torque / Engine rotation         86 Nm / 2400 pm           Power source         Diesel           Engine power (Hp / kW)         23.90 Hp / 17.80 kW           Battery voltage         12 V           Alternator         40 kW           Starter         1.70 kW           Hydraulics         38.20 l/min           Auxiliary Hydraulic Pressure         145 bar           Fuel         29 l           Hydraulic tank capacities         27.30 l           Displacement         27.30 l           Noise and vibration         1.30 d           Noise on virroment (LwA)         111 dB           Noise at driving position (LpA)         85 dB           Whole-Body Vibration (ISO 2631-1)         1.05 m/s²	Engine model	3TNV82A-BPMSR		
Power source         Diesel           Engine power (Hp / kW)         23.90 Hp / 17.80 kW           Battery voltage         12 V           Alternator         40 kW           Starter         10 1,70 kW           Hydraulics         20 38.20 l/min           Stander flow - Auxiliary hydraulics         38.20 l/min           Auxiliary Hydraulic Pressure         145 bar           Fuel         29 I           Hydraulic tank capacity         29 I           Hydraulic tank capacity         29 I           Displacement         1,30 I           Noise and vibration         2 13.01 I           Noise to environment (LwA)         55 dB           Whole-Body Vibration (ISO 2631-1)         1,05 m/s²	Engine norm	Stage V		
Eigine power (Hp / kW)       23.90 Hp / 17.80 kW         Battery voltage       12 V         Alternator       40 kW         Starter       1.70 kW         Hydraulics       38.20 I/min         Standard flow- Auxiliary hydraulics       38.20 I/min         Auxiliary Hydraulic Pressure       145 bar         Fuel       29 I         Hydraulic tank capacities       27.30 I         Usiplacement       27.30 I         Noise and vibration       1.30 I         Noise to environment (LwA)       101 dB         Noise at driving position (LpA)       85 dB         Whole-Body Vibration (ISO 2631-1)       1.05 m/s²	Max. torque / Engine rotation	86 Nm / 2400 rpm		
Battery voltage       12 V         Alternator       40 kW         Starter       17.0 kW         Hydraulics       38.20 l/min         Stank darp flow - Auxiliary hydraulics       38.20 l/min         Auxiliary Hydraulic Pressure       145 bar         Tank capacities       9         Fuel       29 l         Hydraulic tank capacity       29 l         Usigal acement       20 (3.30 l)         Noise and vibration       30 (3.30 l)         Noise to environment (LwA)       101 dB         Noise at driving position (LpA)       85 dB         Whole-Body Vibration (ISO 2631-1)       1.05 m/s²	Power source	Diesel		
Alternator       40 kW         Starter       1.70 kW         Hydraulics       38.20 l/min         Auxiliary Hydraulic Pressure       145 bar         Tank capacities       9         Fuel       29 l         Hydraulic tank capacity       27.30 l         Displacement       13.30 l         Noise and vibration       101 dB         Noise and vibration       101 dB         Noise at driving position (LpA)       85 dB         Whole-Body Vibration (ISO 2631-1)       1.05 m/s²	Engine power (Hp / kW)	23.90 Hp / 17.80 kW		
Starter         1.70 kW           Hydraulics         38.20 l/min           Auxiliary Hydraulic Pressure         145 bar           Tank capacities         9         9           Fuel         29 l           Hydraulic tank capacity         27.30 l           Displacement         9         1.30 l           Noise and vibration         9         101 dB           Noise and driving position (LpA)         55 dB           Whole-Body Vibration (ISO 2631-1)         1.05 m/s²	Battery voltage	12 V		
Hydraulics         38.20 l/min           Standard flow - Auxiliary hydraulics         145 bar           Auxiliary Hydraulic Pressure         145 bar           Tank capacities         9           Fuel         29 l           Hydraulic tank capacity         27.30 l           Displacement         10           Noise and vibration         10           Noise on environment (LwA)         101 dB           Noise at driving position (LpA)         85 dB           Whole-Body Vibration (ISO 2631-1)         1.05 m/s²	Alternator	40 kW		
Standard flow - Auxiliary hydraulics Auxiliary Hydraulic Pressure  Tank capacities  Fuel  Hydraulic tank capacity  Displacement  Noise and vibration  Noise and vibration  Noise at driving position (LpA)  Whole-Body Vibration (ISO 2631-1)  Auxiliary hydraulics  145 bar  145	Starter	1.70 kW		
Auxiliary Hydraulic Pressure       145 bar         Tank capacities       9         Fuel       29 l         Hydraulic tank capacity       27.30 l         Displacement       1.30 l         Noise and vibration       9         Noise to environment (LwA)       101 dB         Noise at driving position (LpA)       85 dB         Whole-Body Vibration (ISO 2631-1)       1.05 m/s²	Hydraulics			
Tank capacities         Companies           Fuel         29 l           Hydraulic tank capacity         27.30 l           Displacement         1.30 l           Noise and vibration         Companies           Noise to environment (LwA)         101 dB           Noise at driving position (LpA)         85 dB           Whole-Body Vibration (ISO 2631-1)         1.05 m/s²	Standard flow - Auxiliary hydraulics	38.20 l/min		
Fuel       29 I         Hydraulic tank capacity       27.30 I         Displacement       1.30 I         Noise and vibration	Auxiliary Hydraulic Pressure	145 bar		
Hydraulic tank capacity       27.30 l         Displacement       1.30 l         Noise and vibration       Company         Noise to environment (LwA)       101 dB         Noise at driving position (LpA)       85 dB         Whole-Body Vibration (ISO 2631-1)       1.05 m/s²	Tank capacities			
Displacement         1.30 I           Noise and vibration         Company           Noise to environment (LwA)         101 dB           Noise at driving position (LpA)         85 dB           Whole-Body Vibration (ISO 2631-1)         1.05 m/s²	Fuel	29		
Noise and vibration         In the second vibration           Noise to environment (LwA)         101 dB           Noise at driving position (LpA)         85 dB           Whole-Body Vibration (ISO 2631-1)         1.05 m/s²	Hydraulic tank capacity	27.30		
Noise to environment (LwA)  Noise at driving position (LpA)  Whole-Body Vibration (ISO 2631-1)  101 dB  85 dB  1.05 m/s²	Displacement	1.30		
Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 1.05 m/s²	Noise and vibration			
Whole-Body Vibration (ISO 2631-1) 1.05 m/s <sup>2</sup>	Noise to environment (LwA)	101 dB		
	Noise at driving position (LpA)	85 dB		
Vibration on hands/arms 1.53 m/s <sup>2</sup>	Whole-Body Vibration (ISO 2631-1)	1.05 m/s²		
	Vibration on hands/arms	1.53 m/s²		

## 850R - Dimensional drawing







## **Equipment**







## **Head Office**

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