



## Standard Unit Specifications

### Main Hydraulic Components

- Variable displacement, load sensing, axial piston, 75 cc / rev pump.
- Electronically controlled load sensing valve with post compensation

### Motor

Type	Permanent magnet, AC, 3 phase	
Torque: Peak / Continuous	350 / 200 Nm	258 / 148 ft-lb
Power: Peak / Continuous	87 / 46 kW	117 / 62 hp
Max Motor Speed	2400 RPM	

### Steering

- Two double acting steer cylinders for balanced articulation rate

Steering cylinders: Bore / Rod	76 X 45 mm	3 X 1.75 in
Main relief	152 bar	2205 psi
Port relief valves	172 bar	2495 psi

### Brakes

Dynamic service braking through the electric drive motor, additional service braking through multi disc hydraulically applied brakes in each axle. The parking brake is an internal SAHR multi disc brake in each axle.

- MICO electric proportioning valve
- MICO accumulator charge valve and piston type accumulator

### Bucket

- Fully hydraulic closed center load sense system with axial piston pump
- Electronic z-axis joystick with dual lift cylinders and single dump cylinder
- Z-bar linkage for higher rollback force and faster bucket articulation

Lift cylinders: Bore / Rod	108 X 51 mm	4.25 X 2 in
Dump Cylinder: Bore X Rod	165 X 89 mm	6.5 X 3.5 in
Main relief	190 bar	2756 psi
Bucket dump	6 bar	87 psi
Bucket roll back	172 bar	2495 psi
Lift arms raise/lower	172 bar	2495 psi
Hydraulic oil tank capacity	90.8 L	24 US gal.

### Electrical Equipment

Low Voltage Batteries	2 x 12 V, 38Ah
Driving and working lights	6 front, 6 rear LED
24 V Power Supply	130 A @ 27 V

### Other Standard Equipment

- Digital touchscreen display
- Central manual lubrication system
- SAE JIC hose fittings

### Optional Equipment

- Radio remote control
- Traction control with doppler ground speed sensor
- High capacity 132 kWh battery pack
- Foam filled tires
- ROPS / FOPS canopy
- Auto lube system
- Quick attach implement base
- Cast bucket lip
- Ejector bucket
- Bucket wear package