

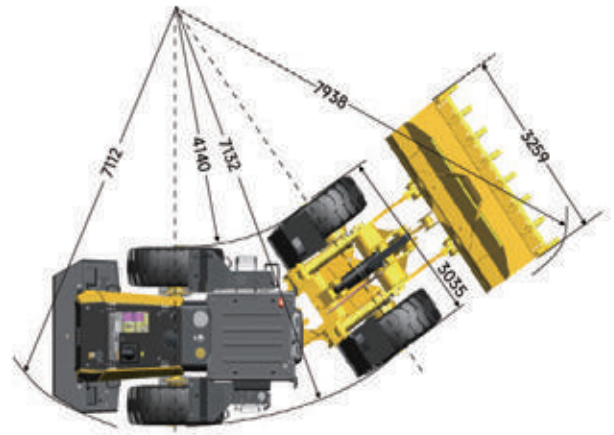
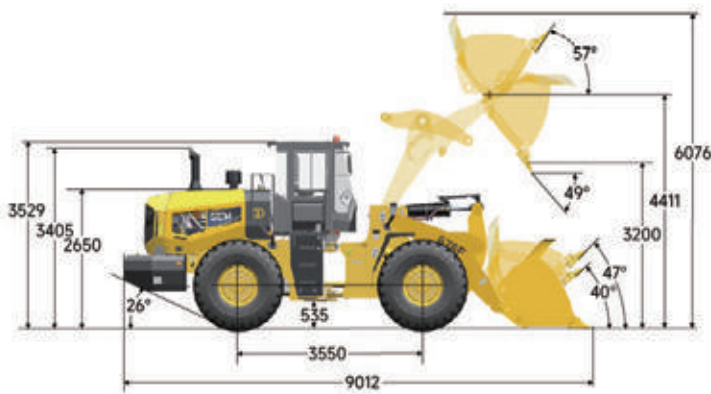
SEM
WHEEL LOADER

SEM 676F



Main Specifications					
Items		676F	Items		676F
Main Specifications			Engine		
Rated Load	kg	7,100 (for Std. Linkage)	Model		WP10G270
Operating Weight with Standard Bucket	kg	23,350	Rated Power	kW	199
Bucket Capacity	m³	4.2-6.5	Rated Speed	r/min	2,200
Wheelbase	mm	3,550	Displacement	L	9.7
Overall Dimension	mm	9,012* 3,259*3,529	Implement Hydraulic		
Max. Drawbar Force	kN	215	Implement System Type		Open center filow sharing
Breakout Force	kN	215	Boom Raise Time	s	5.7
Dump Clearance	mm	3,250	Hydraulic Cycle Time	s	9.8
B-Pin Height	mm	4,411 (for Std. Linkage)	System Pressure Setting	MPa	24
Transmission			Brake System		
Transmission Type		EH countershaft. power shift	Service Brake		Dry&caliper, air to oil control
Transmission Gears		F4/R3	Parking Brake		Drum/Shoe
Torque Converter Type		Single stage, 3 elements	Steering System		
Maker & Type		SEM TR240	System Type		Load sensing
Forward I/Reverse I	km/h	7.1/7.1	Steering Pump Type		Piston pump
Forward I/Reverse II	km/h	12.7/12.7	System Pressure Setting	MPa	20
Forward III/Reverse III	km/h	23.8/23.8	Steering Angle (L/R)	°	35±1
Forward IV	km/h	39	Tires		
Axle			Size		26.5-25
Main Drive Type		Spiral bevel gear, single stage	Type		Bias
Final Drive Reduction Type		Planetary type, single stage	Layer		24
Rear-Oscillating +/-	°	±11	Textured Type		L-3

Dimensions



WORK TOOLS

Capacity (m³)	Description	Lift Arm	Image (mm)	Dump Clearance (mm)	B Pin Height (mm)	Dump Reach (mm)	Work Tool W*L*H (mm)	Work Tool Weight (kg)	Note
3.5	BKTA GP ST 3094 mm	STD/SHL		3,265/3,602	4,411/4,900	1,158/1,325	3,094*1,613*1,565	2,362	Iron ore bucket, with tooth
3.6	BKTA GP ST 3022 mm	STD/SHL		3,265/3,602	4,411/4,900	1,158/1,208	3,022*1,613*1,565	2,362	Iron ore bucket, with cutting edge
3.6	BKTA FF ST 3080 mm	STD		3,265	4,411	1,158	3,080*1,801*1,578	2,398	Rock bucket, with tips and segments
3.6	BKTA FF ST 3080 mm	STD		3,265	4,411	1,158	3,080*1,801*1,578	2,422	Rock bucket, with tips and segments and sidebar protectors
4.2	BKTA GP ST 3267 mm	STD/HL/SHL		3,250/ 3,600/ 3,740	4,411/ 4,778/ 4,900	1,310/ 1,330/ 1,350	3,267*1,669*1,650	2,101	Premium performance series bucket, with tooth
4.4	BKTA GP ST 3194 mm	STD/HL/SHL		3,190/ 3,530/ 3,684	4,411/ 4,778/ 4,900	1,310/ 1,330/ 1,350	3,194 *1,669*1,650	2,101	Premium performance series bucket, with cutting edge
5.0	BKTA FF ST 3267 mm	STD/HL/SHL		3,160/ 3,500/ 3,650	4,411/ 4,778/ 4,900	1,260/ 1,280/ 1,300	3,267*1,940*1,665	2,219	With tooth
5.1	BKTA FF ST 3194 mm	STD/HL/SHL		3,160/ 3,500/ 3,650	4,411/ 4,778/ 4,900	1,260/ 1,280/ 1,300	3,194*1,940*1,665	2,219	With cutting edge
6.5	BKTA FF ST 3424 mm	STD/SHL		2,928/ 3,265/ 3,453	4,411/ 4,778/ 4,900	1,358/ 1,378/ 1,450	3,424*1,955*1,780	2,598	Coal bucket, with cutting edge



The 676F is highly versatile and suitable for a wide range of applications, including the loading of aggregates and bulk materials, coal, various types of rock, ores, and more. Aligned with SEM's commitment to high reliability, the 676F incorporates upgraded drive and hydraulic designs, ensuring superior reliability, efficiency, straightforward operations, and swift hydraulic motions.



Standard Equipment

ENGINE

- Weichai WP10 Engine China Stage 3 (267 hp), 6 cylinders, 4 stroke
- Electrical control common rail fuel injection system
- Pre-filter with water separator
- Fuel filter
- E-fan

TRANSMISSION

- Electrical hydraulic control countershaft transmission
- One stage, 3 elements torque converter

AXLE

- SEM dry axle without limited slip differentials
- Caliper discs service brake system
- Parking brake service as secondary

HYDRAULIC SYSTEM

- Two pump flow sharing system
- Single joystick control
- Lift arm kick-out, automatic
- Bucket positioner, automatic
- Plugs for pressure check and sample oil
- Emergency lift arm lower via pilot accumulator

STEERING SYSTEM

- Load sensing system with coaxial flow amplification and steering priority
- Piston pump

TIRE & RIM

- 26.5-25, L3/E3, bias tire
- Normal fender with plastic plate

CHASSIS FRAME

- Spacious central articulation arrangement with conic bearing
- Articulation locking bar
- Tow hitch

LINKAGE & ATTACHMENTS

- Z-bar linkage

ELECTRIC SYSTEM

- Two front lights with high/low beam
- Two front headlights on top of cab
- Two rear headlight sides of hood
- Turn signals with flasher
- Batteries, free of maintenance
- 24 V power outlet
- Electric horn
- Front windshield wiper
- Back-up alarm
- Reversing warning light, automatic
- Rotating beacon

DASHBOARD

- Engine coolant temperature
- Transmission oil temperature
- Fuel level
- Hour meter
- Voltage

ALARM SYSTEM

- Intake air filter alert
- Battery charging
- Braking air pressure
- Parking brake applied power cut-off
- Turning lights
- Transmission oil pressure alarm

CAB

- Seat - mechanical suspension with seat belt
- Adjustable steering column
- Cab marco mounts
- Cab fresh air filter
- One interior & dual exterior rear view mirrors
- HVAC

OTHERS

- Manual central lubrication

Optional Equipment

ENGINE

- Oil bath air filter
- Preheater

TIRE & RIM

- Radial tire
- Tubeless tire

CAB

- ROPS/FOPS cab
- Rear-view camera display

LINKAGE & ATTACHMENTS

- Additional counterweight
- High/Super-high linkage
- Rock bucket
- Coal bucket
- Aggregate bucket
- Log gripper with corresponding teeth

OTHERS

- Auto lubrication
- Transmission protection guard

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We are dedicated to providing a range of diversified and competitive aftermarket solutions, which encompass our Customer Service Agreement (CSA), SEM SELECT parts, service options, SEM Extended Protection (SEP) and more. Our aim is to deliver the utmost value to customers. With a global parts distribution network comprising over 20,000 types of spare parts, we assure unparalleled service and availability to SEM customers in a timely and dependable manner. Moving forward, we will continue to deliver reliable aftermarket support carefully tailored to your needs.



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