

TECHNICAL PARAMETER

Model	Unit	GTJZ0808	GTJZ0812	GTJZ1012	GTJZ1212	GTJZ1412
Parameters						
Max. platform height	m	8.1	8.1	10	11.9	13.8
Max. working height	m	10.1	10.1	12	13.9	15.8
Extension outreach	m	0.9	0.9	0.9	0.9	0.9
Turning radius(outside)	m	2.1	2.35	2.35	2.35	2.56
Turning radius(inside)	m	0	0	0	0	0
Gradeability	%	25	25	25	25	25
Load Capacity	kg	250	450	320	320	227
Driving speed (stowed)	km/h	0~3.2	0~3.2	0~3.2	0~3.2	0~3.2
Driving speed (raised)	km/h	0~0.8	0~0.8	0~0.8	0~0.8	0~0.8
Rising speed (without loading)	s	30~35	30~35	53~58	63~68	75~85
Falling speed (without loading)	s	35~40	35~40	40~45	45~50	55~63
Max. allowable wind speed (indoor)	m/s	0	0	0	0	0
Max. allowable wind speed (outdoor)	m/s	/	12.5	12.5	12.5	12.5
Max. allowable slope (front/back)	°	3	3	3	3	3
Max. allowable slope (side/side)	°	1.5	1.5	1.5	1.5	1.5
Max. platform occupants (indoor)	person	2	2	2	2	2
Max. platform occupants (outdoor)	person	/	2	1	1	1
Max. allowable side force (indoor)	N	400	400	400	400	400
Max. allowable side force (outdoor)	N	/	400	200	200	200
Dimensions						
Overall length (stowed)	m	2.39	2.39	2.39	2.39	2.76
Overall width (stowed)	m	0.81	1.15	1.15	1.15	1.25
Overall height (stowed, guardrail folded)	m	1.96	1.96	1.86	1.98	2.20
Overall height (stowed, guardrail unfolded)	m	2.35	2.35	2.48	2.60	2.60
Overall height (guardrail fixed)	m	2.35	2.35	2.48	2.60	/
Ground clearance	m	0.1	0.1	0.1	0.1	0.1
Wheelbase	m	1.85	1.85	1.85	1.85	2.22
Platform size (L x W x H)	m	2.25x0.81x1.1	2.25x1.15x1.1	2.25x1.15x1.1	2.25x1.15x1.1	2.64x0.81x1.1
Overall weight (indoor/outdoor)	kg	/	2490	2570	2900	3100
Overall weight (indoor only)	kg	1920	/	2380	2615	/
Tire	mm	380x125/solid	380x125/solid	380x125/solid	380x125/solid	380x125/solid
Hydraulic oil tank vol.	L	14	14	14	14	14
Hydraulic system tank vol.	L	18	18	22	22	25
Battery	Ah	6Vx4/225	6Vx4/225	6Vx4/225	6Vx4/260	6Vx4/260
Control voltage	V DC	24	24	24	24	24
Power unit	V DC , kW	24 , 3	24 , 3	24 , 3	24 , 3	24 , 4.5
Drive & steer model	WD	2, front-wheel	2, front-wheel	2, front-wheel	2, front-wheel	2, front-wheel
Input voltage of Charger	V AC	100~240	100~240	100~240	100~240	100~240
Output voltage of Charger	A	25	25	25	25	25
Hydraulic system pressure	Mpa	24	24	24	24	24
Brake		2 rear-wheel	2 rear-wheel	2 rear-wheel	2 rear-wheel	2 rear-wheel



AFZA Material Handling and Storage Systems

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Self-propelled Electric Scissor Lift

Platform rise and fall freely
Walking stably and reliably
More saving energy and reducing consumption
Advanced control procedures ensure human safety
Flexible operation and more humanized
Non-trace tires are durable and not easy to scratch the ground

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PRODUCT FEATURES

Power System

- Imported original battery, it can be used for more than 8 hours under general conditions;
- Built in 100~240V wide voltage intelligent charger, and it has battery indicator light of fault diagnosis;
- With the battery and working hour meter, it is easy for the users to notice the battery volume and charge the battery at any time, and users can choose optional configuration of charging while working;
- Imported electrical motor and electrical motor controller could avoid the current surge and make the machine stable and reliable when lift and move;
- With various advanced technologies, the machine is energy saving and consumption reducing.



Platform and control system

- The platform has very large load capacity and has horizontally extended function, ensure the host has higher working efficiency;
- Both ground control and platform control panel can work, the ground control provides the lifting feature and the platform control panel provides all functions include lifting, turning, walking and so on;
- Controlled by PLC, the machine could perform more accurate for lifting, moving and turning actions;
- Control handle and operation switch are originally imported, they are flexible and durable in using;
- By optimizing the control mode and control procedures, the machine operation is more user-friendly on the premise of the assurance of safety and reliability.



Safety Performance

- Equipped with imported level switch, weight sensor and travel switch, controlled by advanced control procedures, the machine is more safety for equipment and workers;
- A safety bar has attached on the prong part of the machine, to guarantee the safety of the serviceman while they repairing the machine.

Hydraulic System

- An open type hydraulic system has applied with explosion prevention strobe and emergency drop switch;
- The system lifting pressure is stable, without impact, detection error of pressure sensor is smaller.

Moving and Turning

- The machine is self-propelled with turning function, 2 wheel drive and 2 wheel steering;
- The hydraulic oil passes over the controlling strobe cube in order to providing the lifting and turning functions;
- Non-trace tires are durable and not easy to scratch the ground, can be skid resistant and prevent stuck by the impurities.



MAIN CONFIGURATION

Standard configuration

No.	Parts Name	Supplier	No.	Parts Name	Supplier
1	Driving Motor	WHITE(USA)	8	Under frame	AFZA
2	Brake	WHITE(USA)	9	Paint	AFZA
3	Hydraulic Valve	HydraForce(USA)	10	Electric system	Deltatech
4	Power Unit	AFZA	11	Hydraulic system	AFZA
5	Battery	Trojan(USA)	12	Pressure sensor	Huba(Switzerland)
6	Scissor assembly	AFZA	13	Others	AFZA
7	Work Platform	AFZA			

Optional configuration

- Platform AC power socket;
- Environmental protection and free maintenance battery;
- Chassis conduction band;
- Platform anti-collision device;
- Charging cable apply to socket standards from different countries;
- Folding guardrail of the platform (except 0408S, 0608S);

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Model	Unit	GTJZ0408S	GTJZ0608S	GTJZ0608	GTJZ0612
Parameters					
Max. platform height	m	4.6	5.8	6.3	6.3
Max. working height	m	6.6	7.8	8.3	8.3
Extension outreach	m	0.9	0.9	0.9	0.9
Turning radius(outside)	m	1.49	1.49	2.1	2.35
Turning radius(inside)	m	0.04	0.04	0	0
Gradeability	%	30	25	30	25
Load Capacity	kg	280	230	380	550
Driving speed (stowed)	km/h	0~4	0~4	0~3.2	0~3.2
Driving speed (raised)	km/h	0~0.8	0~0.8	0~0.8	0~0.8
Rising speed (without loading)	s	15~20	15~20	25~30	25~30
Falling speed (without loading)	s	28~33	25~30	30~35	30~35
Max. allowable wind speed (indoor)	m/s	0	0	0	0
Max. allowable wind speed (outdoor)	m/s	/	/	12.5	12.5
Max. allowable slope (front/back)	°	3	3	3	3
Max. allowable slope (side/side)	°	1.5	1.5	1.5	1.5
Max. platform occupants (indoor) person		2	2	2	2
Max. platform occupants (outdoor) person		/	/	1	2
Max. allowable side force (indoor)	N	400	400	400	400
Max. allowable side force (outdoor)	N	/	/	200	400
Dimensions					
Overall length (stowed)	m	1.78	1.78	2.39	2.39
Overall width (stowed)	m	0.76	0.76	0.81	1.15
Overall height (stowed, guardrail folded)	m	/	/	1.83	1.83
Overall height (stowed, guardrail unfolded)	m	2.1(Guardrail extended)	2.11(Guardrail extended)	2.22	2.22
Overall height (guardrail fixed)	m	1.98(Guardrail retracted)	2(Guardrail retracted)	2.22	2.22
Ground clearance	m	0.07	0.07	0.1	0.1
Wheelbase	m	1.315	1.315	1.85	1.85
Platform size (L x W x H)	m	1.64x0.76x1.1	1.64x0.76x1.1	2.25x0.81x1.1	2.25x1.15x1.1
Overall weight (indoor/outdoor)	kg	/	/	1770	2070
Overall weight (indoor only)	kg	1248	1328	/	/
Tire	mm	305x115/solid	305x115/solid	380x125/solid	380x125/solid
Hydraulic oil tank vol.	L	16	16	14	14
Hydraulic system tank vol.	L	18	18	18	18
Battery	Ah	6Vx4/225	6Vx4/225	6Vx4/225	6Vx4/225
Control voltage	V DC	24	24	24	24
Power unit	V DC , kW	24 , 3	24 , 3	24 , 3	24 , 3
Drive & steer model	WD	2 , front-wheel	2 , front-wheel	2 , front-wheel	2 , front-wheel
Input voltage of Charger	V AC	100~240	100~240	100~240	100~240
Output voltage of Charger	A	25	25	25	25
Hydraulic system pressure	Mpa	24	24	24	24
Brake		2 rear-wheel	2 rear-wheel	2 rear-wheel	2 rear-wheel