泰沃TAVOL

Your Partner for the Solutions of Lifting and Materials Handling



CALM WAVES
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TAVOL GROUP

Self-propelled Scissor Lift

TAVOL GROUP





Handle Control



Ground Control



Maintenance Support



Two- wheel
Hydraulic Drive



Battery Pack



Hydraulic System

Specification

TAVOL GROUP

Model	SJYZ06A	SJYZ06	SJYZ08A	SJYZ08	SJYZ10	SJYZ12
Max working height	8.00m	8.00m	10.00m	10.00m	12.00m	13.80m
Max lifting height	6.00m	6.00m	8.00m	8.00m	10.00m	11.80m
Lift capacity	380kg	550kg	230kg	450kg	320kg	320kg
Extension platform Capacity	113kg	113kg	113kg	113kg	113kg	113kg
Platform size	2.26×0.81 ×1.1m	2.26×1.13 ×1.1m	2.26×0.81 ×1.1m	2.26×1.13 ×1.1m	2.26×1.13 ×1.1m	2.26×1.13 ×1.1m
Overall size (Handrail unfolding)	2.475×0.81 ×2.158m	2.475×1.15 ×2.158m	2.475×0.81 ×2.286m	2.475×1.15 ×2.286m	2.475×1.15 ×2.414m	2.475×1.15 ×2.542m
Overall size (Handrail folding)	2.475×0.81 ×1.708m	2.475×1.15 ×1.708m	2.475×0.81 ×1.836m	2.475×1.15 ×1.836m	2.475×1.15 ×1.964m	2.475×1.15 ×2.094m
Platform extension size	0.9m	0.9m	0.9m	0.9m	0.9m	0.9m
Min ground clearance	0.1/0.02m	0.1/0.02m	0.1/0.02m	0.1/0.02m	0.1/0.02m	0.1/0.02m
Wheel base	1.89m	1.89m	1.89m	1.89m	1.89m	1.89m
Turn radius	0/1.9m	0/2.2m	0/3.1m	0/2.2m	0/2.2m	0/2.2m
Lifting motor	24V/4.5kw	24V/4.5kw	24V/4.5kw	24V/4.5kw	24V/4.5kw	24V/4.5kw
Lift speed	3-5m/min	3-5m/min	3-5m/min	3-5m/min	3-5m/min	3-5m/min
Travel speed (Stowed)	3.5km/h	3.5km/h	3.5km/h	3.5km/h	3.5km/h	3.5km/h
Travel speed (Raised)	0.8km/h	0.8km/h	0.8km/h	0.8km/h	0.8km/h	0.8km/h
Battery	4×6V/225ah	4×6V/225ah	4×6V/225ah	4×6V/225ah	4×6V/225ah	4×12V/300ah
Charger	24V/30A	24V/30A	24V/30A	24V/30A	24V/30A	24V/30A
Max gradeability	25%	25%	25%	25%	25%	25%
Max tilt angle	1.5°/3°	2°/3°	1.5°/3°	2°/3°	2°/3°	1.5°/3°
Tyre	Φ381×127mm	Φ381×127mm	Φ381×127mm	Φ381×127mm	Φ381×127mm	Φ381×127mm
Self-weight	1850kg	2060kg	1980kg	2190kg	2430kg	2960kg

Mobile Scissor Lift

TAVOL GROUP



POWER



AC Power



DC Power



Diesel Engine

TRAVEL



Standard Fowed Type



Two-wheel Type



Auxiliary Propelled Type

Specification

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Model	Platform size	Load	Height	Overall size (mm)	self-weight(kg)
SJY0.5-4	2106*830mm	500kg	4m	2270*1000*1135	810
SJY0.5-6	2106*830mm	500kg	6m	2270*1000*1270	900
SJY0.5-7	2106*830mm	500kg	7m	2270*1000*1270	980
SJY0.5-8	2106*930mm	500kg	8m	2270*1100*1380	1060
SJY0.5-9	2106*930mm	500kg	9m	2270*1100*1500	1150
SJY0.5-10	2106*1230mm	500kg	10m	2270*1400*1550	1360
SJY0.5-11	2106*1230mm	500kg	11m	2270*1400*1670	1450
SJY0.5-12	2550*1530mm	500kg	12m	2770*1750*1860	2260
SJY0.5-14	2809*1530mm	500kg	14m	3062*1750*1810	2400
SJY0.3-16	2809*1600mm	300kg	16m	3062*1910*2100	3500
SJY0.3-18	3065*1600mm	300kg	18m	3350*1910*2100	3900
SJY1.0-6	2106*1230mm	1000kg	6m	2270*1400*1550	1450
SJY1.0-8	2106*1230mm	1000kg	8m	2270*1400*1550	1585
SJY1.0-10	2106*1230mm	1000kg	10m	2270*1400*1550	1700
SJY1.0-12	2550*1530mm	1000kg	12m	2770*1750*1860	2560
SJY1.0-14	2809*1530mm	1000kg	14m	3062*1750*1810	2765
SJY1.0-15	3070*1600mm	1000kg	15m	3350*1910*2210	5000
SJY1.5-6	2100*1530mm	1500kg	6m	2200*1750*1530	1780
SJY1.5-8	2100*1530mm	1500kg	8m	2200*1750*1690	2070
SJY1.5-10	2100*1530mm	1500kg	10m	2200*1750*1850	2250
SJY1.5-12	2550*1530mm	1500kg	12m	2796*1762*1850	2900
SJY1.5-14	2816*1600mm	1500kg	14m	3045*1852*1960	3400
SJY2.0-6	2100*1530mm	2000kg	6m	2200*1750*1530	1780
SJY2.0-8	2100*1530mm	2000kg	8m	2200*1750*1690	2070
SJY2.0-10	2100*1530mm	2000kg	10m	2200*1750*1850	2250
SJY2.0-12	2550*1600mm	2000kg	12m	2796*1852*1954	3200
SJY2.0-14	2816*1600mm	2000kg	14m	3045*1852*2230	3900
SJY2.0-15	3070*1600mm	2000kg	15m	3350*1910*2260	5600

Aluminum Alloy Lift Platform

TAVOL GROUP





Single mast aluminum alloy lift



Double masts aluminum alloy lift



Three masts aluminum alloy lift



Four masts aluminum alloy lift



Auxiliary walk type aluminum alloy lift



Inclinable aluminum alloy lift

Specification

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Name	Model	Height (m)	Load (kg)	Platform size (m)	Power voltage (V)	Power (kw)	Self weight (kg)	Overall Size (m)
Single mast	SJYL6-150-1	6	150	0.6*0.6	220/380	1.1	320	1.3*0.82*1.98
	SJYL8-130-1	8	130	0.6*0.6	220/380	1.1	320	1.3*0.82*1.98
	SJYL10-130-1	10	130	0.6*0.6	220/380	1.1	360	1.3*0.82*2.2
Double masts	SJYL6-300-2	6	300	1.37*0.6	220/380	1.5	450	1.55*0.85*1.65
	SJYL8-300-2	8	300	1.37*0.6	220/380	1.5	560	1.55*0.85*2.0
	SJYL10-250-2	10	250	1.37*0.6	220/380	1.5	680	1.65*0.85*2.0
	SJYL12-200-2	12	200	1.47*0.60	220/380	1.5	720	1.65*0.85*2.0
	SJYL14-150-2	14	150	1.47*0.60	220/380	1.5	780	1.55*0.85*2.5
Three masts	SJYL10-250-3	10	250	1.58*0.8	220/380	1.5	1080	1.88*1.0*2.05
	SJYL12-200-3	12	200	1.58*0.8	220/380	1.5	1160	1.88*1.0*2.05
	SJYL14-200-3	14	200	1.6*0.8	220/380	2.2	1060	1.9*1.2*2.3
	SJYL16-200-3	16	200	1.6*0.8	220/380	2.2	1120	2*1.2*2.7
Four masts	SJYL12-200-4	12	200	1.58*0.8	220/380	2.2	1050	1.95*1.2*2.0
	SJYL14-200-4	14	200	1.6*0.8	220/380	2.2	1250	1.9*1.2*2.3
	SJYL16-200-4	16	200	1.6*0.8	220/380	2.2	1480	2*1.2*2.7
	SJYL18-200-4	18	200	1.58*0.8	220/380	2.2	1700	2.15*1.35*2.96
Six masts	SJYL18-160-6	16	160	1.6*0.9	220/380	2.2/1.5	1450	2.1*1.2*2.1
	SJYL20-160-6	20	160	1.6*0.9	220/380	2.2/1.5	1520	2.26*1.4*2.3
	SJYL22-160-6	22	160	1.58*0.88	220/380	2.2/1.5	1880	2.26*1.4*2.5
	SJYL24-160-6	24	160	1.58*0.88	220/380	2.2/1.5	1980	2.26*1.4*2.7

Stationary Scissor Lift

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Single Post Type



Two Post Type



Four Post Type



Car Lift



Anti-dust Type



Rotation Stage Type

Product Advantage

TAVOL GROUP

--- PLC control

--- Installed in the pit , do not occupy space

--- With great load capacity , Max. static load is 125%

--- With anti-skid platform

--- With digital display control panel , more intuitive to operate

--- With CHINT limit switch , automatic leveling

--- With explosion-proof valves , prevent lifter falling in case of the oil pipe broken

--- With VALQUA seal ring (Japan), Durable use and non-leaky

--- With double steel mesh high pressure hydraulic tube,steady lifting and durable use

--- with emergency drop valve ,the lifter can be controlled to lower to ground in case of power off

--- with overflow valve , overload protection

--- Equipped with thermal overload protection & phase losing protection at distribution box

--- Equipped with 24V safety control voltage

STT	Requirement	Your Size
1	Lift capacity	
2	Lift height	
3	Platform size	
4	Local power Supply	

Guide Rail Cargo Lift

TAVOL GROUP





Automatic Door



Electric Shutter Door



Collapsible Door



SS Cabin



Steel Net Cabin



Protective Gridding

Product Advantage

TAVOL GROUP

--- With PLC control system: high reliability ,strong anti-interference,low energy consumption

--- With digital display control panel : more intuitive

--- With CHINT limit switch : at each floor and the highest place of the lift , to control the platform rest at each floor precisely

--- With explosion-proof valves : prevent lifter falling in case of the oil pipe broken

--- With VALQUA seal ring (Japan), Durable use and non-leaky

--- With double steel mesh high pressure hydraulic tube,steady lifting and durable use

--- With emergency drop valve ,the lifter can be controlled to lower to ground in case of power off

--- With overflow valve , overload protection

--- With thermal overload protection & phase losing protection at distribution box

--- With 24V safety control voltage

--- With safety rope : It can hold the platform in case of the lifting chain broken , to avoid any risk.

--- With balance rope : It can keep platform balance when uneven loaded .

--- With electric drive pusher : it can assure the platform & floor in same level when heavy loaded.

--- With electric switch lock and power outage when door open : It can prevent people to falling into the shaft by mistake operate

STT	Requirement	Your Size
1	Lift capacity	
2	Lift height	
3	Platform size	
4	Local power Supply	

Car Lifting Platform

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This series of products with high precision hydraulic transmission,lifting balance,simple operation,low failure rate,high strength chain driven,large carrying capacity,long service life,high safety coeffcient,double chain lifting lifting,safe and stable,adjustable screw,ensure that the platform level,automobile smooth lifting,large capacity pumping station,lifting speed,sound operation low,beautiful appearance,firm structure.Widely used in the car 4S shop,large repair shop,large model car park,etc.,for the vehicle to enhance or three-dimensional parking,can also be used as cargo.

Performance characteristics

For car to high-rise,can also be used for automobile repair;

Double insurance safety,ensure personal safety equipment;

Tolerance ability,high tensile strenght;

Each rotating shaft parts with wear-resistant components,to ensure the equipment runningflexible;

Suitable for various lengths and different height of car.

Home Lifting Platform

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Standard Type



Scissor Type



Enclosed Type

Mobile Yard Ramp

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Model	Load (t)	Adjust range	Overall dimension (mm)	Self weigh (kg)	Driving force
DCQY-6	6	1.0--1.8m	11400*2000*1100	2300	Manual operation
DCQY-8	8	1.0--1.8m	11400*2000*1100	2480	
DCQY-10	10	1.0--1.8m	11400*2000*1100	2750	
DCQY-12	12	1.0--1.8m	11400*2000*1100	2950	

Fixed Yard Ramp

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Model	Load（t）	Platform size（mm）	Lip width（mm）	Stroke（mm）		Power（kw）	Pit size（mm）		
				up dip	down dip		L	W	H
DCQG-6	6	2000*2000	400	300	200	0.75	2080	2040	600
DCQG-8	8	2000*2000	400	300	200	0.75	2080	2040	600
DCQG-10	10	2000*2000	400	300	200	0.75	2080	2040	600
DCQG-12	12	2000*2000	400	300	200	0.75	2080	2040	600

Traction Folding Arm Lift Platform

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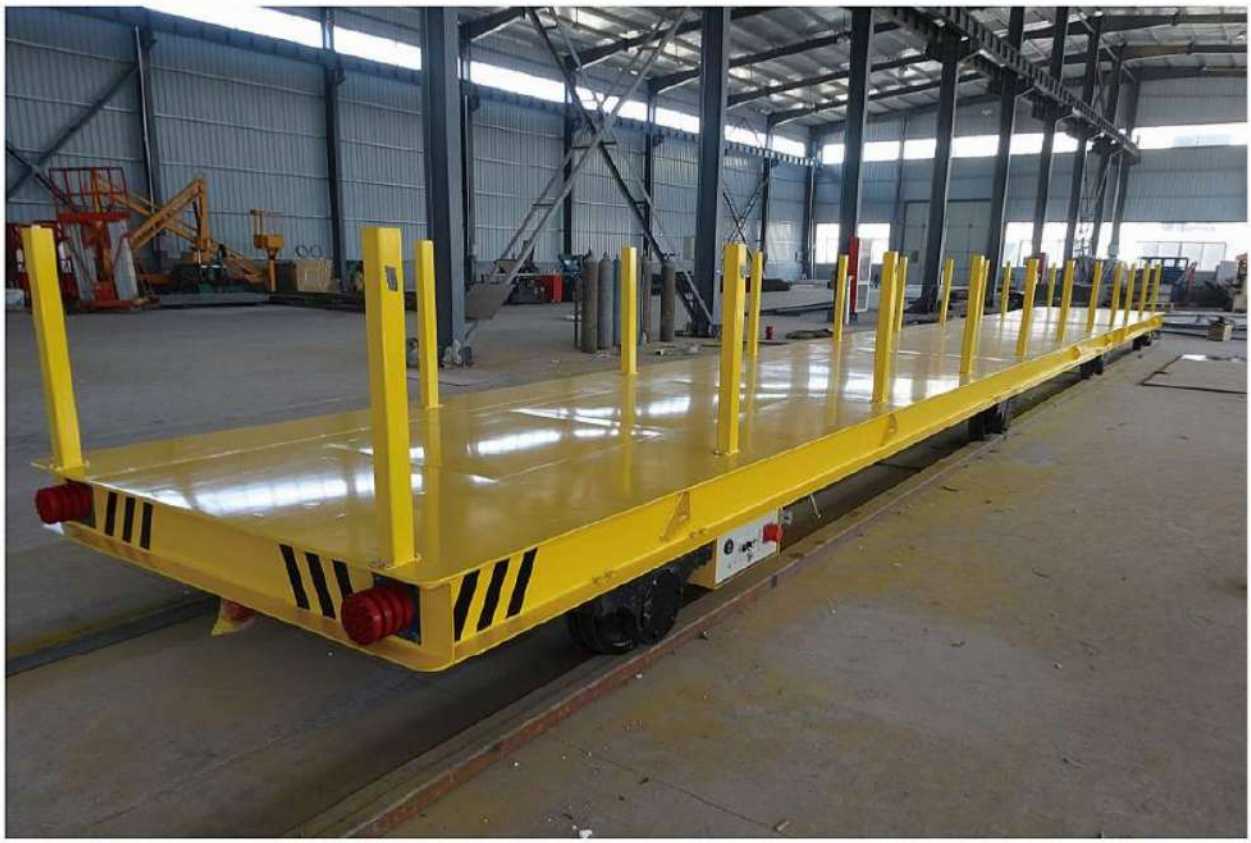




Model	Platform Size(mm)	Dimension(mm)	Lift Height	Load	Operating Radius	Self Weight
ZBPT-8	1200*800	5200*1600*1900	8M	200Kg	4.5M	1500Kg
ZBPT-10	1200*800	5400*1670*1900	10M	200Kg	5M	1700Kg
ZBPT-12	1200*800	6400*1670*2200	12M	200Kg	6M	2000Kg
ZBPT-14	1200*800	6800*1730*2100	14M	200Kg	8.5M	2350Kg
ZBPT-16	1200*800	7200*1730*2200	16M	200Kg	9M	2600Kg

Electric Flat Cars

TAVOL GROUP



KPX series electric flat car is a domestic famous brand of battery,green environmental protection.This car is characterized by DC 48V power supply,fast charging time and strong discharge capacity.In general,one charge can run for more than 10 hours without interruption.The machine is easy to install and is not limited by distance.Without cable,it is safe and not impede traffic.It can run long distances on curved roads and ring roads,enabling remote control and automation.

This type of car can provide the following options for customers,to further improve the work efficiency

Maintenance free battery

Import stepless speed control,double speed control

Import industrial wireless remote control

Type		KPX-5-2	KPX-10-2	KPX-5-1	KPX-10-1	KPX-20-1	KPX-30-1	KPX-50-1	KPX-75-1	KPX-100-1
Load (t)		5	10	5	10	20	30	50	75	100
Mesa dimension (mm)	L	3200	3600	3200	3600	4000	4500	5000	5800	6500
	W	1600	1600	2000	2000	2200	2200	2500	2500	2800
	H	550	550	500	550	650	650	700	850	900
Speed (m/min)		~20-25								~18-22
Motor power (kw)		2.5				3	5		6.3	10
Accumulator	Type	DG250								
	Specification	21×140×335								
	Power supply	2V/Piece								
	Work Voltage	48Volt				48Volt			72Volt	
Gauge (mm)		762		1435						

The Crank Arm Type Lift Platform

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Model	Dimension(mm)	Lift Height	Load Capacity	Operating Radius	Self Weight	Walking Speed
QBPT-8	4000*1700*2700	8m	180Kg	3m	1500Kg	15-30Km/H
QBPT-10.5	4000*1700*2700	10.5m	180Kg	3.4m	1600Kg	15-30Km/H
QBPT-12	4800*1700*3050	12m	180Kg	4m	1800Kg	15-30Km/H
QBPT-13.5	5100*2200*3300	13.5m	180Kg	4.2m	1900Kg	15-30Km/H

Virtual Production

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Tavol Group is an Esteemed, Leading Disciplined, High Quality Manufacturer and Service Provider for the Lifting, Materials Handling and Construction Machinery for the Industry.

Shandong Tavol Heavy Industry Co., Ltd as one of the Subsidiary Factory of Tavol Group, Located in West of Fengxiang Rd., National High-tech Industrial Zone, Taian City, Shandong Province, China, has 125 employees, takes the lands 46200m², workshop 04 X 22000m² in total, office building with total 4800m², mainly design, manufacture, sales and after service for the Scissor Lifts, Cargo Lifts, Home Elevator, Dock Ramp, Man Lift, Also the Euro Design EOT Cranes and Gantry Cranes, Jib Cranes and Electric Hoists etc Materials Handling Solutions and Machines.



