

SKYBOOM[®]

PROFESSIONAL MANUFACTURER FOR AERIAL WORK PLATFORM



COMPANY PROFILE

Changsha Skyboom Heavy Industry Co.,Ltd. is a global supplier for aerial work equipment and solution. Our main products are four series of products with over 30 models which including Self-propelled Scissors Lift, Self-propelled Telescopic Boom Lift and Self-propelled Articulated Boom Lift, and Tower lights,etc.

Skyboom is equipped with a professional R & D and production team, and all of our products are independently designed and produced with the most advanced concept and technology. Also,the entire production process is operated according to the standard of the world first-class enterprises. Meanwhile, there is an experienced sales and service team for marketing as well and all of our members are always here together with you honorable clients.

Skyboom is trying best to make innovations and provide the first-class solutions for the field of shipyard, venue construction, civil works, logistics, ports, and so on. Also, we set cloud after-sales service and accumulate R&D data through AWP management platform system in order to establish core competitiveness and improve brand in the mind.

Overseas is our main strategic market, there are market in South-East Asia, Europe, the Middle-East market, and agents in Russia, South-America, Australia and so on, while our products are sold to more than 30 countries and areas, which is satisfied to our customers.



EQUIPMENT SHOW



SKYBOOM

SELF-PROPELLED SCISSOR LIFT

SSL-05DC SSL-06HD SSL-08HD



- ✓ FLEXIBILITY STEERING WHEEL WITH 90 DEGREES
- ✓ AUTOMATIC SELF- BRAKE SYSTEM
- ✓ COLLISION AVOIDING DESIGN.

天盾重工

— TECHNICAL PARAMETER —

MODEL	SSL-05DC	SSL-06HD	SSL-08HD
DIMENSION			
Working height maximum[A]	6.5m	7.8m	10m
Platform height maximum[B]	4.5m	5.8m	8m
Length-stowed[E]	1.43m	1.8m	2.45m
Width-stowed[C]	0.78m	0.78m	0.83m
Height-stowed-folding rails	2.08m	2.21m	2.38m
Height-rails down (Fold)	1.71m	1.88m	2.01m
Platform size(L×W)[H*I]	1.3m*0.7m	1.67m*0.74m	2.27m*0.81m
Slide- out platform extension deck[J]	0.6m	0.9m	0.9m
Wheel base[F]	1.08m	1.35m	1.87m
Ground clearance[G]	0.07m	0.08m	0.08m
Pothole guards deployed[K]	0.02m	0.02m	0.02m
PRODUCTIVITY			
Lift capacity	240kg	230kg	230kg
Max platform occupancy (indoor/outdoor)	only indoor 2 person	2 person/1 person	2 person/1 person
Drive speed-stowed	3.5km/h	3.5km/h	3.5km/h
Drive speed-raised	0.8km/h	0.8km/h	0.8km/h
Gradeability-stowed	25%	25%	25%
Turning radius-inside	0.22	0	0.23
Turning radius-outside	1.55m	1.67m	2.2m
Working slope maximum	1.5/3°	1.5/3°	1.5/3°
Tyre	φ 230×80mm	φ 305×100mm	φ 381×127mm
POWER			
Power source	Batteries 12V*2/115Ah	Batteries 4*6V/240Ah	Batteries 4*6V/240Ah
Integrated charger	24V/25A	24V/36A	24V/36A
WEIGHT			
Standard	890kg	1490kg	2150kg

SKYBOOM

CHANGSHA SKYBOOM HEAVY INDUSTRY CO.,LTD

HOTLINE :400-886-2608 MOBILE: 0086-186 8498 1562

E-MAIL: hcs@skyboom.cn WEBSITE: www.skyboom.cn

ADD: No.98, LIXIANG ROAD, CHANGSHA ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE, CHANGSHA, HUNAN, P.R. CHINA



SKYBOOM

SELF-PROPELLED SCISSOR LIFT

SSL-10HD SSL-12HD SSL-14HD



- ✓ FLEXIBILITY STEERING WHEEL WITH 90 DEGREES
- ✓ AUTOMATIC SELF- BRAKE SYSTEM
- ✓ COLLISION AVOIDING DESIGN.

天盾重工

— TECHNICAL PARAMETER —

MODEL	SSL-10HD	SSL-12HD	SSL-14HD
DIMENSION			
Working height maximum[A]	12m	14m	15.8m
Platform height maximum[B]	10m	12m	13.8m
Length-stowed[E]	2.45m	2.45m	2.83m
Width-stowed[C]	1.17m	1.17m	1.42m
Height-stowed-folding rails	2.51m	2.64m	2.65m
Height-rails down (Fold)	1.96m	2.08m	2.26m
Platform size(L×W)[H*I]	2.27m*1.12m	2.27m*1.12m	2.66m*1.12m
Slide- out platform extension deck[J]	0.9m	0.9m	0.9m
Wheel base[F]	1.87m	1.87m	2.22m
Ground clearance[G]	0.08m	0.08m	0.08m
Pothole guards deployed[K]	0.02m	0.02m	0.02m
PRODUCTIVITY			
Lift capacity	360kg	360kg	260kg
Max platform occupancy (indoor/outdoor)	2 person/1 person	2 person/1 person	2 person/1 person
Drive speed-stowed	3.5km/h	3.5km/h	3.5km/h
Drive speed-raised	0.8km/h	0.8km/h	0.8km/h
Gradeability-stowed	25%	25%	25%
Turning radius-inside	0	0	0
Turning radius-outside	2.2m	2.2m	2.59m
Working slope maximum	1.5/3°	1.5/3°	1.5/3°
Tyre	φ 381×127mm	φ 381×127mm	φ 381×127mm
POWER			
Power source	Batteries 4*12V/300Ah	Batteries 4*12V/300Ah	Batteries 4*12V/300Ah
Integrated charger	24V/36A	24V/36A	24V/36A
WEIGHT			
Standard	2580kg	2960kg	3350kg

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SKYBOOM

SELF-PROPELLED ROUGH TERRAIN SCISSOR LIFT

SSL-12RT SSL-16RT



- ✓ INTEGRATED PIPELINE ASSEMBLY
UP TO 40% GRADEABILITY
- ✓ EASY PASSING DESIGN FOR ROUGH
TERRAIN
- ✓ ONE-CLICK OUTRIGGER
LEVELING

天盾重工

— TECHNICAL PARAMETER —

MODEL	SSL-12RT	SSL-16RT
DIMENSION		
Working height maximum	14.2m	18m
Platform height maximum	12.2m	16m
Length-stowed	3.77m	4.88m
Width-stowed	1.76m	2.29m
Height-stowed-folding rails	2.72m	3.19m
Height-rails down (Fold)	2.21m	2.63m
Platform size(LxW)	2.8m*1.6m	4.24m*1.83m
Slide- out platform extension deck	1.5m	1.3m
Wheel base	2.233m	2.84m
Ground clearance	0.2m	0.2m
PRODUCTIVITY		
Lift capacity	360kg	680kg
Max platform occupancy	2	4
Drive speed-stowed	5km/h	6.1 km/h
Drive speed-raised	0.48km/h	0.5km/h
Gradeability-stowed	35%	40%
Turning radius-inside	2.1m	2.4m
Turning radius-outside	4.6m	5.5m
Working slope maximum	2°/3°	2°/3°
Tyre	26*12-16.5	33X12-20
POWER SOURCE		
Power source	Engine KUBOTA/YANMAR	Engine YANMAR
Hydraulic tank	95L	110L
Diesel tank	48L	150L
Standard	5300kg	8830kg

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SKYBOOM

ARTICULATING BOOM LIFT

[ELECTRICAL]

SAL-12EJ



- ✓ ELECTRIC DRIVE AND WITHOUT POLLUTION.
- ✓ SMART DESIGN, MORE FLEXIBLE MOVING.
- ✓ EASY OPERATION AND MAINTENANCE.

天盾重工

— TECHNICAL PARAMETER —

MODEL	SAL-12EJ
DIMENSION	
Working height maximum	13.6m
Platform height maximum	11.6m
Horizontal reach maximum	5.5m
Up and over clearance max.	5.4m
Length -stowed[D]	5.5m
Width-stowed[E]	1.5m
Height-stowed[C]	2m
Platform size(L×W)[A*B]	1.16m * 0.73m
Wheel base[F]	2m
Ground clearance[G]	0.12m
PRODUCTIVITY	
Lift capacity	215kg
Max platform occupancy	2
Drive speed-stowed(max)	4km/h
Drive speed-raised(max)	0.65km/h
Gradeability-stowed	30%
Turning radius-inside (stowed/raised)	1.2m
Turning radius-outside (stowed/raised)	3.45m
Working slope maximum	3°
Rotation	355°
Tyre	22*7
POWER	
Power source	Electric 6V*8
Drive & steering	2WD*2WS
WEIGHT	
Standard	4200kg

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SKYBOOM

SELF-PROPELLED ARTICULATED BOOM LIFT [ELECTRICAL]

SAL-14EJ SAL-16EJ SAL-18EJ



- ✓ ELECTRICAL POWER, ENVIRONMENT PROTECTION.
- ✓ MIDDLE LIFTING BOOM STRUCTURE, MORE STABLE.
- ✓ SAFETY AND FLEXIBILITY. MORE SUITABLE FOR NARROW CONDITION
- ✓ 360° CONTINUOUS ROTATION, HIGH EFFICIENCY

天盾重工

— TECHNICAL PARAMETER —

MODEL	SAL-14EJ	SAL-16EJ	SAL-18EJ
DIMENSION			
Working height maximum	15.9m	17.7m	20.2m
Platform height maximum	13.9m	15.7m	18.2m
Horizontal reach maximum	7.6m	9.6m	11.7m
Up and over clearance max.	7.9m	7.25m	7.5m
Length -stowed[D]	6.58m	7.7m	9.15m
Width-stowed[E]	1.76m	2.32m	2.44m
Height-stowed[C]	1.98m	2.35m	2.74m
Platform size(L×W)[A*B]	1.53m*0.76m	1.53m*0.76m	1.83m*0.76m
Wheel base[F]	2m	2.28m	2.54m
Ground clearance[G]	0.2m	0.28m	0.41m
PRODUCTIVITY			
Lift capacity	230kg	230kg	250kg
Max platform occupancy	2	2	2
Drive speed-stowed(max)	5.1km/h	5.3km/h	4.8km/h
Drive speed-raised(max)	0.8km/h	1.1km/h	1.1km/h
Gradeability-stowed	30%	30%	40%
Turning radius-inside (stowed/raised)	1.57m	1.4m	2.7m
Turning radius-outside (stowed/raised)	3.8m	4.4m	5.8m
Working slope maximum	3°	5°	4.5°
Rotation	355°	355°	355°
Tyre	26*12-16	26*12-16	36*14-20
POWER			
Power source	Electric 6V*8	Electric 6V*8	Electric 6V*8
Drive & steering	2WD*2WS	2WD*2WS	4WD*2WS
WEIGHT			
Standard	6800kg	7300kg	10520kg

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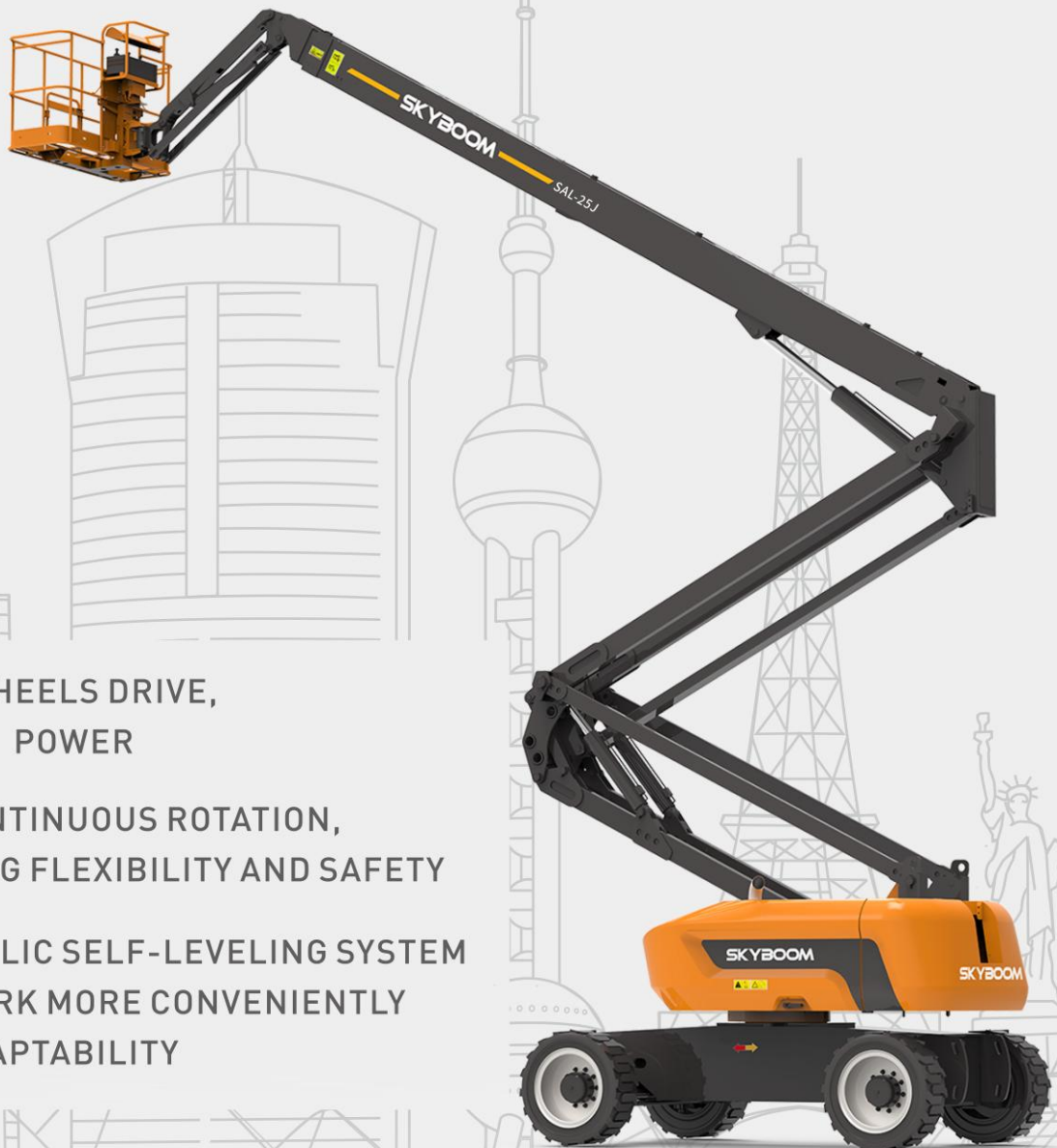
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SKYBOOM

SELF-PROPELLED ARTICULATED BOOM LIFT

SAL-15J SAL-18J SAL-25J SAL-38J



- ✓ FOUR WHEELS DRIVE,
STRONG POWER
- ✓ 360°CONTINUOUS ROTATION,
WORKING FLEXIBILITY AND SAFETY
- ✓ HYDRAULIC SELF-LEVELING SYSTEM
CAN WORK MORE CONVENIENTLY
AND ADAPTABILITY

天盾重工

— TECHNICAL PARAMETER —

MODEL	SAL-15J	SAL-18J	SAL-25J	SAL-38J
DIMENSION				
Working height maximum	16.6m	20.2m	26.9m	40.1m
Platform height maximum	14.6m	18.2m	24.9m	38.1m
Horizontal reach maximum	8.5m	11.7m	16m	21.6m
Up and over clearance max.	7.8m	7.5m	10.5m	19.5m
Length -stowed[D]	7.15m	9.15m	11m	14.2m
Width-stowed[E]	2.28m	2.44m	2.49m	2.49m
Height-stowed[C]	2.22m	2.67m	2.81m	3.17m
Platform size(L×W)[A*B]	1.53m*0.76m	1.83m*0.76m	1.83m*0.76m	2.44m*0.91m
Wheel base[F]	2.03m	2.54m	3.05m	3.98m
Ground clearance[G]	0.25m	0.41m	0.38m	0.43m
PRODUCTIVITY				
Lift capacity	230kg	250kg	230kg	230kg/480kg
Max platform occupancy	2	2	2	2
Drive speed-stowed(max)	5.1km/h	5.1km/h	4.8km/h	4.4km/h
Drive speed-raised(max)	1.1km/h	1.1km/h	1.1km/h	1.1km/h
Gradeability-stowed	40%	40%	45%	40%
Turning radius-inside (stowed/raised)	2.47m	2.7m	2.5m	3.13m/3.96m
Turning radius-outside (stowed/raised)	5.18m	5.8m	5.98m	6.5m/7.02m
Working slope maximum	5°	5°	5°	5°
Rotation	360°	360°	360°	360°
Tyre	33*12-20	36*14-20	385/65-24	385/65-22.5
POWER				
Power source	Yanmar	Yanmar	Cummins	Cummins
Drive & steering	4WD*2WS	4WD*2WS	4WD*2WS	4WD*4WD
WEIGHT				
Standard	7800kg	10200kg	15700kg	24500kg

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SKYBOOM

SELF-PROPELLED TELESCOPIC BOOM LIFT

STL-19J STL-19EJ



- ✓ STANDARD LOAD CAPACITY
250KG
- ✓ FOUR WHEELS DRIVE, STRONG
GRADEABILITY.
- ✓ HYDRAULIC SELF-LEVELING
- ✓ HIGH COMPONENTS AND MORE
COMPETITIVE

天盾重工

— TECHNICAL PARAMETER —

MODEL	STL-19J	STL-19EJ
DIMENSION		
Working height maximum	21m	21m
Platform height maximum	19m	19m
Horizontal reach maximum	14.9m	14.9m
Length -stowed	9.5m	9.5m
Width-stowed	2.28m	2.28m
Height-stowed	2.65m	2.65m
Platform size(L×W)	1.83m*0.76m	1.83m*0.76m
Wheel base	2.44m	2.465m
Ground clearance(center)	0.45m	0.45m
PRODUCTIVITY		
Lift capacity	250kg	250kg
Max platform occupancy	2	2
Drive speed-stowed (max)	5.1km/h	5.1km/h
Drive speed-raised (max)	1.1km/h	1.1km/h
Gradeability-stowed	45%	35%
Turning radius-inside(raised)	—	—
Turning radius-inside(stowed)	3.42m	3.98m
Turning radius-outside(raised)	—	—
Turning radius-outside(stowed)	6.21m	6.61m
Turning tail-swing	1.36m	1.36m
Working slope maximum	5°	5°
Rotation	360°	360°
Tyre	36*14-20	36*14-20
POWER		
Power source	Yanmar	48V,420AH
Feul Tank	110L	102L
Drive & steering	4WD*2WS	4WD*2WS
SOUND LEVEL		
Sound pressure level(ground workstation)	≤82dBA	≤82dBA
WEIGHT		
Standard	10200kg	10350kg

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SKYBOOM

SELF-PROPELLED CRAWLER TELESCOPIC BOOM LIFT

STL-19JC



- ✓ CRAWLER CHASSIS ASSEMBLY EASY
PASSING FOR ROUGH GROUND
- ✓ 360 ROTATION WORKING
CONVENIENCE
- ✓ AUTOMATICALLY SELF-LEVELING
SYSTEM

天盾重工

— TECHNICAL PARAMETER —

MODEL	STL-19JC
DIMENSION	
Working height maximum	20.7m
Platform height maximum	18.7m
Horizontal reach maximum	14.9m
Length -stowed	9.65m
Width-stowed	2.4m
Height-stowed	2.39m
Platform size(L×W)	1.83m*0.76m
Wheel base	2.73m
Ground clearance(center)	0.39m
PRODUCTIVITY	
Lift capacity	250kg
Max platform occupancy	2
Drive speed-stowed (max)	0-1.8km/h
Drive speed-raised (max)	0-0.5km/h
Gradeability-stowed	40%
Turning radius-inside(raised)	—
Turning radius-inside(stowed)	2.3m
Turning radius-outside(raised)	—
Turning radius-outside(stowed)	2.3
Turning tail-swing	1.36m
Working slope maximum	5°
Rotation	360°
Tyre	Crawler Chassis Assembly
Self-leveling system	Automatical
Platform Rotation	±80°
POWER	
Power source	Yanmar-IV
Feul Tank	110L
Drive & steering	
SOUND LEVEL	
Sound pressure level(ground workstation)	≤82dBA
WEIGHT	
Standard	10700kg

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SKYBOOM

SELF-PROPELLED TELESCOPIC BOOM LIFT

STL-22J STL-26J STL-28J



- ✓ 300/460KG SUPER OVERLOAD CAPACITY
- ✓ FOUR WHEELS DRIVE, STRONG GRADEABILITY.
- ✓ CUMMINS ENGINE, STABLE AND STRONG POWER
- ✓ HYDRAULIC SELF-LEVELING PLATFORM

天盾重工

— TECHNICAL PARAMETER —

MODEL	STL-22J	STL-26J	STL-28J
DIMENSION			
Working height maximum	24m	28m	29.8m
Platform height maximum	22m	26m	27.8m
Horizontal reach maximum	15.8m/14m	18m/16m	20m/17.8m
Length -stowed	10.8m	12.5m	13.1m
Width-stowed	2.49m	2.49m	2.49m
Height-stowed	2.7m	2.9m	2.9m
Platform size(L×W)	2.44m*0.91m	2.44*0.91m	2.44m*0.91m
Wheel base	2.51m	3m	3m
Ground clearance(center)	0.45m	0.43m	0.43m
PRODUCTIVITY			
Lift capacity	300kg/460kg	300kg/460kg	300kg/460kg
Max platform occupancy	2	2	2
Drive speed-stowed (max)	5.1km/h	5.2km/h	5.2km/h
Drive speed-raised (max)	1.1km/h	1.1km/h	1.1km/h
Gradeability-stowed	45%	45%	45%
Turning radius-inside(raised)	—	—	—
Turning radius-inside(stowed)	2.4m	2.5m	2.5m
Turning radius-outside(raised)	—	—	—
Turning radius-outside(stowed)	5.6m	5.98m	5.98m
Turning tail-swing	1.4m	1.48m	1.48m
Working slope maximum	5°	5°	5°
Rotation	360°	360°	360°
Tyre	36*14-20	385/65-24	385/65-24
POWER			
Power source	Cummins	Cummins	Cummins
Feul Tank	160L	160L	160L
Drive & steering	4WD*2WS	4WD*2WS	4WD*2WS
SOUND LEVEL			
Sound pressure level(ground workstation)	≤82dBA	≤82dBA	≤82dBA
WEIGHT			
Standard	12200kg	16100kg	17200kg

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SKYBOOM

SELF-PROPELLED TELESCOPIC BOOM LIFT

STL-32J STL-38J STL-42J STL-56J



- ✓ 300/460KG LARGE OVERLOAD CAPACITY
- ✓ 38.2M SUPERHIGHER WORKING METERS, WIDE SCOPE
- ✓ MAX. HORIZONTAL REACH 25.4M
- ✓ DOUBLE SLEWING REDUCER DESIGN, MORE STABLE.
- ✓ "X"-TYPE LEGS DESIGN, MORE SAFETY AND ADAPTABILITY

天盾重工

— TECHNICAL PARAMETER —

MODEL	STL-32J	STL-38J	STL-42J	STL-56J
DIMENSION				
Working height maximum	34m	40.2m	43.8m	58m
Platform height maximum	32m	38.2m	41.8m	56m
Horizontal reach maximum	22.5m/20.5m	25.4m/21.4m	24.4m/21.6m	24.4m/21m
Length -stowed	14.38m	14.5m	12.85m	14.9m
Width-stowed	2.49m	2.49m	2.49m	2.49m
Height-stowed	3.08m	3.14m	3.13m	3.15m
Platform size(L×W)	2.44m*0.91m	2.44m*0.91m	2.44m*0.91m	2.44*0.91m
Wheel base	3.66m	4.17m	4.17m	5.6m
Ground clearance(center)	0.47m	0.48m	0.48m	0.38m
PRODUCTIVITY				
Lift capacity	300kg/460kg	300kg/460kg	300kg/480kg	300kg/480kg
Max platform occupancy	2	2	2	2
Drive speed-stowed (max)	4.5km/h	4.5km/h	4.4 km/h	4.4km/h
Drive speed-raised (max)	1.1km/h	1.1km/h	1.1 km/h	1.1km/h
Gradeability-stowed	45%	40%	40%	40%
Turning radius-inside(raised)	2.52m	2.94m	2.94m	2.69m
Turning radius-inside(stowed)	6.38m	8m	8m	7.6m
Turning radius-outside(raised)	5.87m	6.2m	6.2m	7.07m
Turning radius-outside(stowed)	8.81m	10m	10m	10m
Turning tail-swing (stowed/raised)	1.8m	1.8m	2.05/1.18	2.5m
Working slope maximum	5°	5°	5°	5°
Rotation	360°	360°	360°	360°
Tyre	385/65-24	445/50D710	445/50D710	445/50D710
POWER				
Power source	Cummins	Cummins	Cummins	Cummins
Feul Tank	170L	170L	200L	200L
Drive & steering	4WD*4WS	4WD*4WS	4WD*4WS	4WD*4WS
SOUND LEVEL				
Sound pressure level (ground workstation)	≤82dBA	≤82dBA	≤82dBA	≤82dBA
WEIGHT				
Standard	20950kg	22900kg	23800kg	27500kg

SKYBOOM

CHANGSHA SKYBOOM HEAVY INDUSTRY CO.,LTD

HOTLINE :400-886-2608 MOBILE: 0086-186 8498 1562

E-MAIL: hcs@skyboom.cn WEBSITE: www.skyboom.cn

ADD: No.98, LIXIANG ROAD, CHANGSHA ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE, CHANGSHA, HUNAN, P.R. CHINA



SKYBOOM

TOWER LIGHT

4TLM4000



- ✓ RATED VOLT (50/60HZ)
- ✓ METAL HALIDE
- ✓ WATERPROOF IP23
- ✓ STRETCHING TRANSFORMATION

天盾重工

— TECHNICAL PARAMETER —

MODEL	4TLM4000
DIMENSION	
Length	4360mm
Width	1430mm
Height (Stowed)	1450mm
Height(Raised)	9m
Weight	960kg
ENGINE	
Engine	KUBOTA
Rotate speed(rpm)	1500/1800
Air cylinder	3
Engine	4water cooling
Frequency(Hz)	50Hz
Rated volt(50/60Hz)	230/240-120 VAC
Insulation grade	Class H
Waterproofing grade	IP23
MAST	
Variety	Metal Halide
LM	110000 LM
Qty & wat	4x1000W
Mast qty	3
Lift	manual
Rotate	manual, max330°lockable
Angle	manual
TOWING	
Hang and brake	plate spring & single shaft
DB	stretching transformation
Supporting leg and qty	4 manual
Tyre	14 inch
Connector	50 mm ball connector
Taillight	reflector
Max speed	80km/h
OTHERS	
Tank	160 L
Period	75 hrs
Engine start	key
Wind	20 m/s

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