

# TOTAL MOVING SYSTEM

# iR SOOSUNG

Engineering Smart Logistics Catalog



## iR SOOSUNG

**ADDRESS** 6, Hagunsandan 5-ro ra-gil, Yangchon-eup, Gimpo-si,  
Gyeonggi-do, Republic of Korea

**TEL** +82 32-820-5137

**WEB** [www.irsoosung.co.kr](http://www.irsoosung.co.kr) | [www.ironrobotics.co.kr](http://www.ironrobotics.co.kr)

**E-mail** [sales@irbot.co.kr](mailto:sales@irbot.co.kr) | [rachid@soosung.com](mailto:rachid@soosung.com)



Since 1973

## Introduction

# Reliable Logistics Equipment for Your Business

SOOSUNG is recognized as one of Korea's leading providers of small logistics equipment, trusted for their reliable performance and quality.

Founded in 1973 as "SOOSUNG Workshop," the company began specializing in hydraulic jacks and has since grown into a major manufacturer of logistics equipment in Korea.

The product portfolio includes electric forklifts, stackers, hand pallet trucks, table lifts, and industrial elevators, all designed for efficient and reliable operations.

With advanced technology and decades of experience, SOOSUNG delivers solutions tailored to different workplaces and their needs, enabling reliable and simplified logistics.



Over 50 years  
of manufacturing expertise



## Engineering Value

Our logistics equipment features advanced self-diagnostic technology—the first of its kind in Korea—for enhanced safety and reliability.

Key features—overload detection, battery status monitoring, and controller temperature sensing—help operators avoid operational issues, extend equipment lifespan, and maintain a safe workplace.

The stepless speed control system allows smooth, continuous speed adjustment, reduced load impact during start-up, acceleration, and stopping.

The push-button speed control system makes operation easier and reduces operator fatigue.

Features such as compact turning radius, higher load capacity, broad application, and a variety of models help customers maximize efficiency in tight spaces.

## Customer Focus

Since its founding, SOOSUNG has led Korea's logistics equipment industry through continuous technology development, ongoing quality improvements, and a strong nationwide service network.

Anticipating changes in logistics and industrial environments, SOOSUNG advances R&D and technical collaborations to deliver safer, smarter equipment that reduces workplace risks and adapts to emerging needs.

# Engineering Smart Logistics

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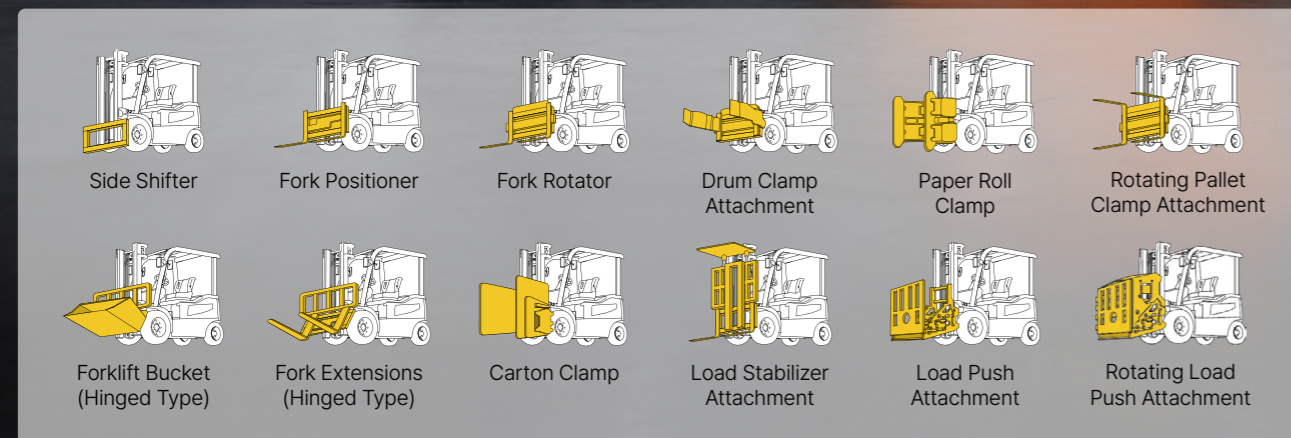
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# SBF SERIES

Electric Forklift

Used to lift and handle palletized loads, with a compact design that supports efficient material handling across various industries.



## Specifications

Model	Unit	SBF-15A	SBF-25A	SBF-30A	
Load Capacity	kg	1500	2500	2980	
Load Center	mm	500	500	500	
Performance	Max Lift Height	mm	3000	3300	3300
	Free Lift Height	mm	155	165	155
	Lift Speed (Loaded/Unloaded)	mm/s	320 / 440	290 / 440	320 / 440
	Lowering Speed (Loaded / Unloaded)	mm/s	400 / 400	360 / 460	400 / 400
	Fork Size (L × W × T)	mm	1070 × 100 × 35	1070 × 122 × 40	1070 × 125 × 45
	Fork Adjustment Range	mm	200 ~ 960	250 ~ 1030	250 ~ 1060
	Tilt Angle (Forward / Backward)	deg	6 / 8	6 / 10	6 / 10
Mast	Height (Max / Min)	mm	4014 / 1995	4170 / 2150	4367 / 2220
	Travel Speed (Loaded / Unloaded)	km/h	14.5 / 15	14.5 / 15	14.5 / 15
	Minimum Turning Radius	mm	1920	2140	2235
Equipment	Gradeability (Loaded)	%	17	15	17
	Overall Weight	kg	3125	4230	5024
General	Overall Length (Wheelbase / Incl. Forks)	mm	2200 / 3270	2434 / 3504	2567 / 3637
	Overall Width	mm	1120	1180	1260
	Overall Height (Overhead Guard)	mm	2130	2170	2180
	Ground Clearance	mm	95	125	135
	Front Overhang (LMC)	mm	409	460	477
	Wheelbase	mm	1475	1660	1750
	Turning Radius (Front / Rear)	mm	934 / 920	970 / 960	1000 / 970
Tires	Front Tire	-	6.50 - 10	7.00 - 12	28 × 9 - 15
	Rear Tire	-	16 × 6 - 8	18 × 7 - 8	18 × 7 - 8
Motor	Drive	kW	8	11	15
	Hydraulic	kW	10.6	12	16
Battery	Capacity (5Hr)	V/Ah	48/480 80/150	48/600 80/202	80/480 80/250
Charger	Input Power	-	AC Three-Phase 380V 60Hz		

✓ The specifications and color of the above product may be changed without prior notice to improve performance.  
 ✓ For most option specifications, please contact us separately.

## Mast Spec

Model	Unit	SBF-15A/25A					SBF-30A					
		2-stage	3-stage			2-stage	3-stage					
Max Lift Height	mm	3000/ 3300	4800	5000	5400	6000	3300	4800	5000	5400	6000	
Mast Height	Lowered	mm	1995/ 2150	2190/ 2210	2290/ 2300	2415/ 2400	2640/ 2600	2220	2270	2370	2470	2670
	Raised	mm	4014/ 4170	5814/ 5670	6014/ 5870	6414/ 6270	7014/ 6870	4367	5867	6067	6467	7067
Overhead Guard Height	mm		2130				2130					
Fork Tilt Angle (Fwd / Rev)	deg	(6/8)/ (6/10)	6-6		3-6		6-10	6-6		3-6		
Load Capacity (Acid / Lithium)	kg	1500/ 2500	1350/ 2200	1200/ 2100	1000/ 1500	800/ 1100	3000	2600/ 2350	2450/ 2100	2250/ 1950	1400/ 1250	
Overall Weight	mm	3125/ 4230	3307/ 4702	3328/ 4728	3354/ 4761	3125/ 4859	5024	5251	5278	5308	5412	
Free Lift Height	mm	155/ 150	1185/ 1206	1285/ 1296	1410/ 1396	1635/ 1596	155	1040	1140	1240	1440	

## Lithium Battery

Model	Battery (V/Ah)	Weight (with battery) (kg)
SBF-15A	80/150	3996
SBF-25A	80/202	3952
SBF-30A	80/250	4579

# SBR SERIES

Electric Stand-up Forklift

Used to lift and retrieve palletized loads at height, featuring an ergonomic design with intuitive controls to support efficient operation across a wide range of applications.



## Lithium Battery

Model	Battery (V/Ah)	Weight (with battery) (kg)
SBR-16	51.2/175	2180
SBR-18	51.2/175	2400
SBR-20	51.2/230	2550
SBR-25	51.2/230	2840

## Specifications

Model	Unit	SBR-15/16	SBR-18	SBR-20	SBR-25	
Load Capacity	kg	1500 / 1600	1800	2000	2500	
Load Center	mm	500	500	500	500	
Performance	Max Lifting Height	mm	3000	3000	3000	3000
	Free Lift Height	mm	340	340	340	340
	Lift Stroke	mm	620	620	620	620
	Lift Speed (Up)	mm/s	250 / 320	250 / 320	250 / 320	250 / 320
	Lift Speed (Down)	mm/s	500 / 350	500 / 350	500 / 350	500 / 350
Fork	Length x Width x Thickness	mm	1030 x 100 x 40	1030 x 100 x 40	1030 x 100 x 40	1030 x 100 x 40
	Adjustment Range	mm	250 - 680	250 - 680	250 - 740	250 - 740
	Tilt Angle (Forward / Backward)	deg	3° / 5°	3° / 5°	3° / 5°	3° / 5°
Mast	Overall Height (Raised / Lowered)	mm	4031 / 2052	4031 / 2052	4031 / 2052	4031 / 2052
	Travel Speed (Loaded / Unloaded)	km/h	9.5 / 10.5	9.5 / 10.5	9.5 / 10.5	9.5 / 10.5
Equipment	Minimum Turning Radius	mm	1820	1820	1820	2020
	Gradeability (Loaded)	%	10	10	10	10
General	Operating Weight	kg	2180	2400	2550	2840
	Overall Length	mm	1925 / 2382	1925 / 2382	1925 / 2392	2125 / 2592
	Machine Width	mm	1080	1080	1140	1140
	Height (Overhead Guard)	mm	2285	2285	2285	2285
	Ground Clearance	mm	83	83	83	83
	Front Overhang	mm	174	174	197	197
	Wheelbase	mm	1542	1542	1542	1742
	Brakes	-	Mechanical	Mechanical	Mechanical	Mechanical
	Type	-	Polyurethane	Polyurethane	Polyurethane	Polyurethane
	Tires	-	Ø250 x 114	Ø250 x 114	Ø250 x 114	Ø250 x 114
Tires	Load Wheel	-	Ø320 x 145	Ø320 x 145	Ø320 x 145	Ø320 x 145
	Drive Wheel	-	Ø178 x 74	Ø178 x 74	Ø178 x 74	Ø178 x 74
	Caster Wheel	-	2 x 1 x 2	2 x 1 x 2	2 x 1 x 2	2 x 1 x 2
	Quantity (Load x Drive x Caster)	-	5.3	5.3	5.3	5.3
Motor	Drive	kW	12	12	12	12
	Hydraulic steering	kW	0.3 (EPS)	0.3 (EPS)	0.3 (EPS)	0.3 (EPS)
Battery	Capacity (5Hr Rate)	V/Ah	48 / 268	48 / 268	48 / 335	48 / 335
Charger	Input Power	-	AC 3-Phase 380V 60Hz			

- ✓ The specifications and color of the above product may be changed without prior notice to improve performance.
- ✓ For mast option specifications, please contact us separately.

## Mast Spec

Model	Max Lift Height(mm)	Mast		Overhead Guard Height(mm)	Load Capacity(kg)	Free Lift Height(mm)
		Lowered(mm)	Raised(mm)			
SBR-15/16	2-stage	3000	2052	2285	1500/1600	340
		4000	1961		1300	1340
		4300	2016		1200	1440
	3-stage	4500	2111		1150	1540
		4700	2161		1100	1600
		5000	2261		1000	1700
SBR-18	2-stage	5500	2461	850	1840	
		6000	2711	700	2040	
		3000	2052	1800	340	
	3-stage	4000	1961	1500	1340	
		4300	2016	1400	1440	
		4500	2111	1350	1540	
SBR-20	2-stage	4700	2161	1300	1600	
		5000	2261	1200	1700	
		5500	2461	1050	1840	
	3-stage	6000	2711	900	2040	
		3000	2052	2000	340	
		4000	1961	1600	1340	
SBR-25	2-stage	4300	2016	1500	1440	
		4500	2111	1450	1540	
		4700	2161	1400	1600	
	3-stage	5000	2261	1300	1700	
		5500	2461	1150	1840	
		6000	2711	1000	2040	

# SWR SERIES

Electric Walkie Reach Truck

Used to lift and handle palletized loads in narrow aisles, with a walk-behind reach truck design that improves access and productivity in small logistics warehouses.



## Specifications

Model	Unit	SWR-1300	SWR-1300L	SWR-1500L
Load Capacity	kg	1300	1300	1500
Load Center	mm	500	500	500
Lifting Height	mm	1500	2500	2500
Gradeability	%	10	10	10
Reach Stroke	mm	550	550	550
Overall Length	mm	2300	2317	2364
Overall Width	mm	1061	1061	1061
Overall Height	mm	1999	1859	1859
Wheel Base	mm	1379	1379	1379
Fork Size L×W×T	mm		1030×100×35	
Lifting Speed (With / Without Load)	mm/s	70 / 80	70 / 80	70 / 80
Fork Spread Min./Max.	mm	216 ~ 740	216 ~ 740	216 ~ 740
Weight (Incl. Battery)	kg	1721	1810	1870
Turning Radius	With / Without footstep		1728/1645	
	Footstep on		2077	
Travel Speed (With / Without Load)	km/h	3~4 / 4~5	3~4 / 4~5	3~4 / 4~5
Motor	Driving Motor		AC 16V×1.5	
	Hydraulic Motor		DC 24V×2.2kw	
	Eps		DC 24V×0.4kw(Optional)	
Lifting Speed	With / Without Load		70 / 80	
Battery			24V×268Ah/5Hr	
Battery Charger			AC1Φ×220V, 50/60Hz	
Control	Drive		F.E.T Control Typez	
	Hydraulic		Magnetic Contactor Type	

✓ The specifications and color of the above product may be changed without prior notice to improve performance.

## Lithium Battery

Model	Battery (V/Ah)	Weight (with battery) (kg)
SWR-1300	25.6/175	1550
SWR-1300L	25.6/175	1644
SWR-1500L	25.6/175	1770



# SWC, SWS SERIES

Electric Walkie Truck

Used to lift and transport heavy loads, featuring a compact counterbalanced sit-down design that ensures stable handling without wheel interference. Advanced mast tilt supports efficient load handling.



## Specifications

Model	Unit	SWC-1000	SWC-1000L	SWS-1000LP	SWS-1000LC	
Load Capacity	kg	1000	1000	1000	1000	
Load Center	mm	400	400	500	500	
Performance	Max Lift Height	mm	1500	2500	2500	2500
	Lift Speed (Loaded / Unloaded)	mm/s	70 / 80	70 / 80	70 / 80	70 / 80
	Fork Length × Width × Thickness	mm	1030 × 100 × 35	1030 × 100 × 35	1150 × 180 × 55	830 × 100 × 35
	Adjustment Range	mm	216 ~ 660	216 ~ 660	680	216 ~ 740
	Mast Tilt Angle (Backward)	deg	12	12	-	-
Equipment	Height (Raised / Lowered)	mm	2445 / 1999	3445 / 1859	3060 / 1885	3480 / 1885
	Travel Speed (Loaded / Unloaded)	km/h	3~4 / 4~5	3~4 / 4~5	3~4 / 4~5	3~4 / 4~5
General	Minimum Turning Radius	mm	1464	1464	1626	1626
	Gradeability (Loaded)	%	10	10	10	10
	Operating Weight	kg	1578	1700	1000	1020
	Overall Length	mm	2595	2611	2122	1836
Tires	Overall Width	mm	900	900	740	1078
	Overall Height (Overhead Guard)	mm	1999	1859	1885	1885
Motor	Type	-	Polyurethane	Polyurethane	Polyurethane	Polyurethane
	Load Wheel	-	Ø240 × 90	Ø240 × 90	Ø83 × 95	Ø83 × 95
	Drive Wheel	-	Ø248 × 93	Ø248 × 93	Ø248 × 93	Ø248 × 93
	Caster Wheel	-	-	-	Ø100 × 40	Ø100 × 40
	Quantity (Load × Drive × Caster)	-	2 × 1	2 × 1	2 × 1 × 2	2 × 1 × 2
Battery	Drive	kW	1.5	1.5	1.5	1.5
	Hydraulic	kW	2.2	2.2	2.2	2.2
Charger	Capacity (5Hr Rate)	V/Ah	24 / 268	24 / 268	24 / 170	24 / 170
	Input Power	-	AC Single-Phase 220V 60Hz			

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## Lithium Battery

Model	Battery (V/Ah)	Weight (with battery) (kg)
SWC-1000	25.6/150	1401
SWC-1000L	25.6/150	1493
SWS-1000LP	25.6/150	1008
SWS-1000LC	25.6/150	1028

# SWP SERIES

Electric Walkie Pallet Truck

Used to move palletized loads in warehouses and logistics centers, with multiple load capacities for efficient, reliable, and cost-effective operation.



## Specifications

Model	Unit	SWP-1300	SWP-2000	SWP-2500	SWP-3000	
Load Capacity	kg	1300	2000	2500	3000	
Load Center	mm	500	500	500	500	
Performance	Max Lift Height	mm	205	205	205	
	Thickness	mm	85	85	85	
	Lift Speed (Loaded / Unloaded)	mm/s	15 / 20	70 / 80	70 / 80	70 / 80
	Length × Width	mm	1140 × 150	1150 × 175	1150 × 175	1150 × 175
	Fork Outer Width	mm	680	680	680	680
Equipment	Fork Height	mm	380	330	330	330
	Travel Speed (Loaded / Unloaded)	km/h	3~4 / 5~6	3~4 / 5~6	3~4 / 5~6	3~4 / 5~6
	Minimum Turning Radius	mm	1503	1740	1871	1928
General	Gradeability (Loaded)	%	5	10	8	5
	Operating Weight	kg	242	550	625	690
	Overall Length	mm	1658	1937	2094	2164
	Overall Width	mm	688	730	750	750
Tires	Overall Height (Overhead Guard)	mm	1202	1300	1360	1360
	Type	-	Polyurethane	Polyurethane	Polyurethane	Polyurethane
	Load Wheel	-	Ø83 × 95	Ø83 × 60	Ø83 × 60	Ø83 × 60
	Drive Wheel	-	Ø230 × 65	Ø248 × 93	Ø248 × 93	Ø248 × 93
	Caster Wheel	-	Ø75 × 37	Ø100 × 40	Ø100 × 40	Ø100 × 40
Motor	Quantity (Load × Drive × Caster)	-	2 × 1 × 2	4 × 1 × 2	4 × 1 × 2	4 × 1 × 2
	Drive	kW	0.6	1.5	1.5	1.5
Battery	Hydraulic	kW	0.8	2.2	2.2	2.2
	Capacity (5Hr Rate)	V/Ah	24V (12V, 80Ah x 2EA)	24 / 170	24 / 170	24 / 268
Charger	Input Power	-	AC Single-Phase 220V 60Hz			

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## Lithium Battery

Model	Battery (V/Ah)	Weight (with battery) (kg)
SWP-2000	25.6/150	558
SWP-2500	25.6/150	1493
SWP-3000	25.6/150	1008



# SCT/STT SERIES

Electric Tow Tractor

Designed for towing carts and trolleys, with an adjustable towing hook height to accommodate various load types.



## Specifications

Model	Unit	STT-2000	SCT-2000
Towing Capacity	kg	2000	2000
Towing Power	N	500	500
Performance	Towing Hitch		
	Hitch Height (Max)	mm	325
	Hitch Height (Min)	mm	200
	Hitch Size	Ø	28
Equipment	Travel Speed (Loaded / Unloaded)	km/h	4-5 / 5-6
	Minimum Turning Radius	mm	1150
	Gradeability (Loaded)	%	10
General	Operating Weight	kg	650
	Overall Length	mm	1409
	Overall Width	mm	750
	Overall Height (Overhead Guard)	mm	1390
Tires	Type	-	Polyurethane
	Load Wheel	-	Ø180 × 90
	Drive Wheel	-	Ø248 × 93
	Caster Wheel	-	Ø100 × 40
	Quantity (Load × Drive × Caster)	-	2 × 1 × 2
Motor	Drive	kW	1.5
	Hydraulic	kW	2.2
Battery	Capacity (5Hr Rate)	V/Ah	24 / 170
Charger	Input Power	-	AC Single-Phase 220V 60Hz

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# SPT/SST SERIES

Electric Tow and Transport Tractor

Designed for transport and towing, offering stable performance, smooth control, and ergonomic operation. Includes electronic power steering, adjustable handle tilt, and optional four-wheel configuration.



## Specifications

Model	Unit	SPT-2000	SST-4000	SST-6000	SST-8000	SST-12000
Towing Capacity	kg	2000 (Load Capacity)	4000	6000	8000	12000
Towing Power	N	-	1000	1500	2000	3000
Performance	Towing Hitch					
	Hitch Height (Max)	mm	-	350	475	500
	Hitch Height (Min)	mm	-	230	295	320
	Hitch Size	Ø	-	30	30	30
Load Platform	Size (W × L × H)	mm	1400 × 1100 × 550	-	-	-
	Travel Speed (Loaded / Unloaded)	km/h	6 / 10	6 / 10	6 / 10	8 / 12
Equipment	Minimum Turning Radius	mm	2308	1724	1858	2660
	Operating Weight	kg	1400	1260	1458	1730
	Machine Length	mm	3011	2277	2436	2443
	Machine Width	mm	1199	1100	1100	1100
General	Height (Overhead Guard)	mm	1480	1458	1458	1585
	Wheelbase	mm	1982	1398	1532	1384
	Type	-	Solid	Solid	Solid	Pneumatic
Tires	Front Tire	-	Ø343 × 140	Ø343 × 140	Ø343 × 140	5.00-8-8PR
	Rear Tire	-	5.00-8	4.00-8	5.00-8	6.50-10-10PR
	Rim	-	3W	3W	3W	4W
	Quantity	-	3	3	3	4
Motor	Drive	kW	5.3	5.3	5.3	8
	Steering	kW	0.3 (EPS)	0.3	0.3	-
	Hydraulic	kW	-	-	-	12
Battery	Capacity (5Hr Rate)	V/Ah	48 / 201	48 / 201	48 / 335	48 / 400
Charger	Input Power	-	AC Single-Phase 220V 60Hz		AC Three-Phase 380V 60Hz	

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# SCISSOR LIFT

Slab Hydraulic motor drive



## KEY FEATURES

- 01 Wide forks provide enhanced stability
- 02 Modular design allows easy customer customization
- 03 High efficiency with Eco-friendly performance
- 04 Smooth, stable operation
- 05 Precise and responsive control

## STANDARD FEATURES

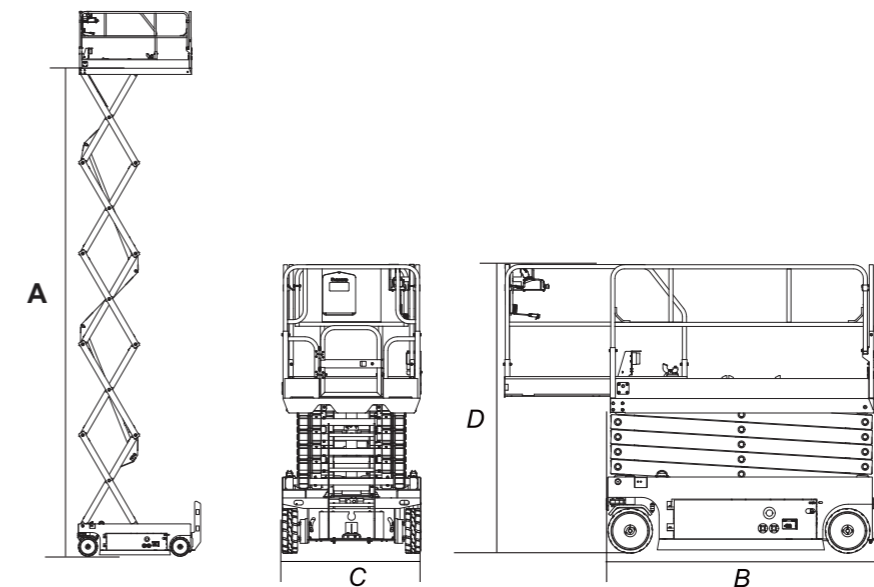
- 01 Emergency Stop
- 02 Automatic Pothole Guard
- 03 Emergency Lowering
- 04 Overload Protection
- 05 Lowering Protection
- 06 Descent Protection Alarm
- 07 Tilt Level Protection
- 08 Safety Arm
- 09 Motion Alarm
- 10 Dual Flashing Beacons
- 11 Horn
- 12 Full-Height Drive
- 13 Non-Marking Tires
- 14 Forklift Pockets
- 15 Hour Meter
- 16 Automatic Braking System
- 17 Fault Diagnostic System
- 18 Half-Height Swing Gate
- 19 Charger Protection
- 20 Proportional Controls
- 21 Foldable Guardrail
- 22 Manual Brake Release
- 23 Self-Lubricating Bearings

## OPTIONS

- 01 AC Power on the Platform
- 02 Custom Color

## Specifications

Model	ES0407W	ES0607W	ES0612	ES0808	ES0812	ES1012	ES1212	ES1414	ES1012XC	ES1212XC
<b>Dimensions</b>										
Max. Working Height	6.5 m	7.8 m	8.0 m	9.9 m	9.9 m	11.8 m	13.8 m	15.8 m	11.8 m	13.8 m
A Max. Platform Height	4.5 m	5.8 m	6.0 m	7.9 m	7.9 m	9.8 m	11.8 m	13.8 m	9.8 m	11.8 m
B Overall Length (Stowed)	1.85 m	1.85 m	2.45 m	2.45 m	2.45 m	2.45 m	2.45 m	2.81 m	2.45 m	2.45 m
C Overall Width	0.81 m	0.81 m	1.18 m	0.81 m	1.18 m	1.18 m	1.18 m	1.4 m	1.18 m	1.18 m
D Overall Height (Guardrails Unfolded)	2.01 m	2.12 m	2.19 m	2.31 m	2.31 m	2.44 m	2.56 m	2.78 m	2.44 m	2.75 m
Overall Height (Guardrails Folded)	1.56 m	1.65 m	1.67 m	1.83 m	1.8 m	1.92 m	2.04 m	2.27 m	1.92 m	2.23 m
Platform Height (Stowed)	1.65 m	1.65 m	2.25 m	2.25 m	2.25 m	2.25 m	2.25 m	2.61 m	2.25 m	2.25 m
Max Horizontal Reach (Extension)	0.9 m	0.9 m	0.9 m	0.9 m	0.9 m	0.9 m	0.9 m	0.9 m	0.9 m	0.9 m
Platform Width	0.76 m	0.76 m	1.16 m	0.8 m	1.16 m	1.16 m	1.16 m	1.2 m	1.16 m	1.16 m
Wheelbase	1.35 m	1.35 m	1.85 m	1.85 m	1.85 m	1.85 m	1.85 m	2.23 m	1.85 m	1.85 m
Ground Clearance (Stowed)	0.06 m	0.06 m	0.1 m	0.06 m	0.1 m	0.1 m	0.1 m	0.1 m	0.1 m	0.1 m
Ground Clearance (Lifting)	0.02 m	0.02 m	0.02 m	0.02 m	0.02 m	0.02 m	0.02 m	0.02 m	0.02 m	0.02 m
<b>Weight</b>										
Overall Weight	1240 kg	1500 kg	2255 kg	2150 kg	2400 kg	2785 kg	3000 kg	3500 kg	2970 kg	3520 kg
<b>Performance</b>										
Max. Platform Occupancy (Indoor)	2	2	2	2	2	2	2	2	2	2
Max. Platform Occupancy (Outdoor)	1	1	2	0	1	1	0	0	0	0
Lift Capacity	280 kg	2320 kg	550 kg	230 kg	460 kg	320 kg	320 kg	300 kg	400 kg	400 kg
Lift Capacity (Extension deck)	120 kg	120 kg	120 kg	120 kg	120 kg	120 kg	120 kg	120 kg	120 kg	120 kg
Driving Height	Full Height	Full Height	Full Height	Full Height	Full Height	Full Height	Full Height	Full Height	Full Height	Full Height
Driving speed (Stowed)	0-4 km/h	0-4 km/h	0-3.2 km/h	0-4 km/h	0-3.2 km/h	0-3.2 km/h	0-3.2 km/h	0-3.2 km/h	0-3.2 km/h	0-3.2 km/h
Driving speed (Raised)	0-0.8 km/h	0-0.8 km/h	0-0.8 km/h	0-0.8 km/h	0-0.8 km/h	0-0.8 km/h	0-0.8 km/h	0-0.8 km/h	0-0.8 km/h	0-0.8 km/h
Gradeability	30%	30%	30%	25%	30%	25%	25%	25%	25%	25%
Turning Radius (Inside)	0.74 m	0.74 m	0.95 m	0.56 m	0.95 m	0.95 m	0.95 m	1.58 m	0.95 m	0.95 m
Turning Radius (Outside)	1.7 m	1.7 m	2.45 m	2.35 m	2.45 m	2.45 m	2.45 m	3.7 m	2.45 m	2.45 m
Max. Working Inclination Angle	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°
Rise/Lower Speed	18/28 s	18/28 s	30/30 s	28/24 s	55/51 s	58/48 s	70/58 s	70/65 s	58/48 s	70/58 s
Tire Size	30.5x 11.4 cm	30.5x 11.4 cm	38x13 cm	38x13 cm	38x13 cm	38x13 cm	38x13 cm	38x13 cm	38x13 cm	38x13 cm
<b>Power</b>										
Lead-acid battery voltage / capacity	4x6V/220Ah	4x6V/220Ah	4x6V/220Ah	4x6V/220Ah	4x6V/220Ah	4x6V/220Ah	4x12 V /290 Ah	4x12 V /290 Ah	4x12 V /290 Ah	4x12 V /290 Ah
Lithium Battery voltage / capacity	24V /180AH	24V /180AH	24V /180AH	24V /180AH	24V /180AH	24V /180AH	24V /220AH	24V /220AH	24V /220AH	24V /220AH
Charger	24 V /36 A	24 V /36 A	24 V /36 A	24 V /36 A	24 V /36 A	24 V /36 A	24 V /36 A	24 V /36 A	24 V /36 A	24 V /36 A



# WHEELED OUTRIGGER SCISSOR LIFT

Electric 4WD Series



## KEY FEATURES

- 01 Modular Design, Easy Customization
- 02 High-Power Performance
- 03 Smooth Motion & Precise Control
- 04 One-Touch Outrigger Auto-Leveling

## STANDARD FEATURES

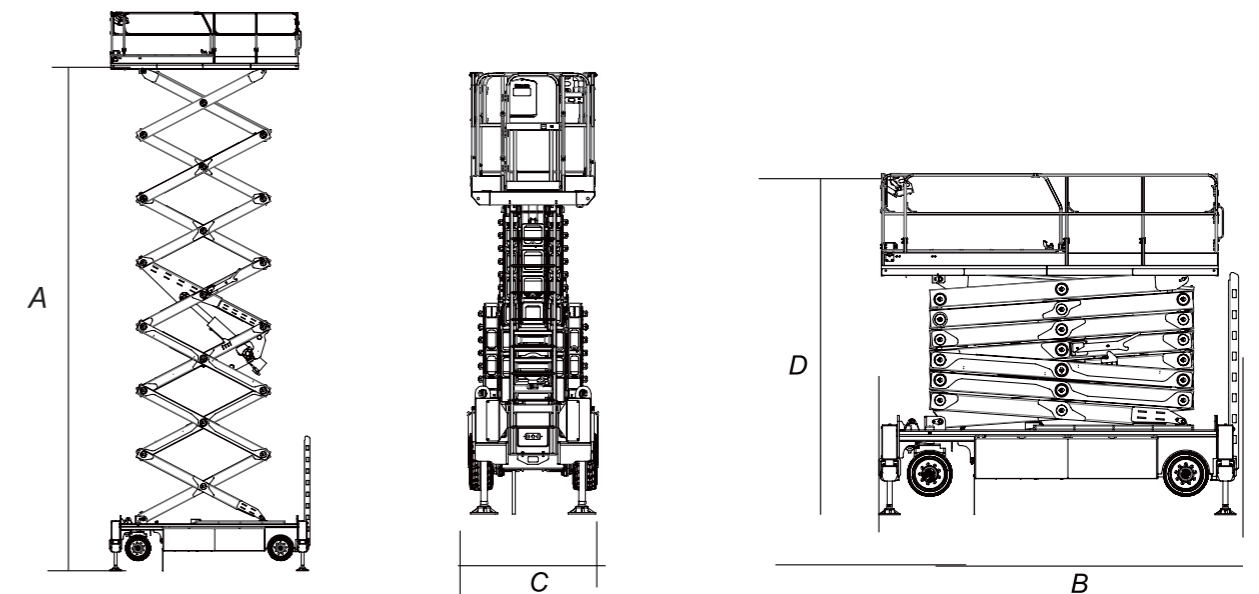
- 01 Emergency Stop
- 02 Emergency Lowering
- 03 Overload Protection
- 04 Lowering Protection
- 05 Descent Protection Alarm
- 06 Tilt Level Protection
- 07 Motion Alarm
- 08 Dual Flashing Beacons
- 09 Non-Marking Tires
- 10 Hour Meter
- 11 Automatic Braking System
- 12 Fault Diagnostic System
- 13 Proportional Controls
- 14 Foldable Guardrail
- 15 Self-Lubricating Bearings
- 16 Lead-Acid Battery
- 17 Auto-Leveling

## OPTIONS

- 01 AC Power Outlet on the Platform
- 02 Custom Color
- 03 Lithium Battery
- 04 Anti-Collision Plate
- 05 Air Line to Platform
- 06 Foot Pedal Switch
- 07 Platform LED Work Light
- 08 Air Switch

## Specifications

Model	ES0612L	ES0812L	ES1812EL	ES2012EL
<b>Dimensions</b>				
Max. Working Height	8 m	9.9 m	20 m	22 m
A Max. Platform Height	6 m	7.9 m	18 m	20 m
B Overall Length (Stowed)	2.72 m	2.72 m	4.5 m	4.5 m
C Overall Width	1.18 m	1.18 m	1.25 m	1.25 m
D Overall Height (Guardrails Unfolded)	2.19 m	2.31 m	3.75 m	4 m
Overall Height (Guardrails Folded)	1.67 m	1.8 m	2.98 m	3.23 m
Platform Height (Stowed)	2.25 m	2.25 m	4.21 m	4.21 m
Max Horizontal Reach (Extension)	0.9 m	0.9 m	1.5 m	1.5 m
Platform Width	1.16 m	1.16 m	1.23 m	1.23 m
Wheelbase	1.85 m	1.85 m	3.2 m	3.2 m
Ground Clearance	0.1 m	0.1 m	0.21 m	0.21 m
<b>Performance</b>				
Max. Platform Occupancy	2	2	2	2
Lift Capacity	550 kg	460 kg	450 kg	450 kg
Lift Capacity (Extension deck)	120 kg	120 kg	227 kg	227 kg
Driving Height	Full Height	Full Height	No driving when lifting	No driving when lifting
Driving speed (Stowed, Without Outriggers deployed)	0-3.2 km/h	0-3.2 km/h	0-2.4 km/h	0-2.4 km/h
Driving speed (Raised, Without Outriggers deployed)	0-0.8 km/h	0-0.8 km/h	0	0
Gradeability	25%	25%	20%	20%
Longitudinal levelling angle (Front/Rear)	± 5°	± 5°	± 3.5°	± 3.5°
Horizontal levelling angle (Left/Right)	± 10°	± 10°	± 12°	± 12°
Turning Radius (Inside)	0.95 m	0.95 m	0.38 m	0.38 m
Turning Radius (Outside)	3.13 m	3.13 m	3.65 m	3.65 m
Max. Working Inclination Angle	1.5°/3°	1.5°/3°	1.5°/1.5°	1.5°/1.5°
Rise/Lower Speed	30/30 s	55/51 s	125/98 s	125/98 s
Control	Proportional Control	Proportional Control	Proportional Control	Proportional Control
Drive Type	2WD	2WD	4WD	4WD
Tire Size	38*13cm	38*13 cm	55.9*22.8 cm	55.9*22.8 cm
Battery	Lead acid / Lithium battery	Lead acid / Lithium battery	Lead acid / Lithium battery	Lead acid / Lithium battery
Weight				
Overall Weight	2518 kg	2706 kg	11200 kg	11500 kg



# CRAWLER-TYPE SCISSOR LIFT

**Crawler** Without Outriggers

**Crawler** With outriggers



## KEY FEATURES

- 01 Product modularization enables easy customization for customers
- 02 Strong power output
- 03 Smooth movement
- 04 Precise control
- 05 Automatic outrigger leveling

## STANDARD FEATURES

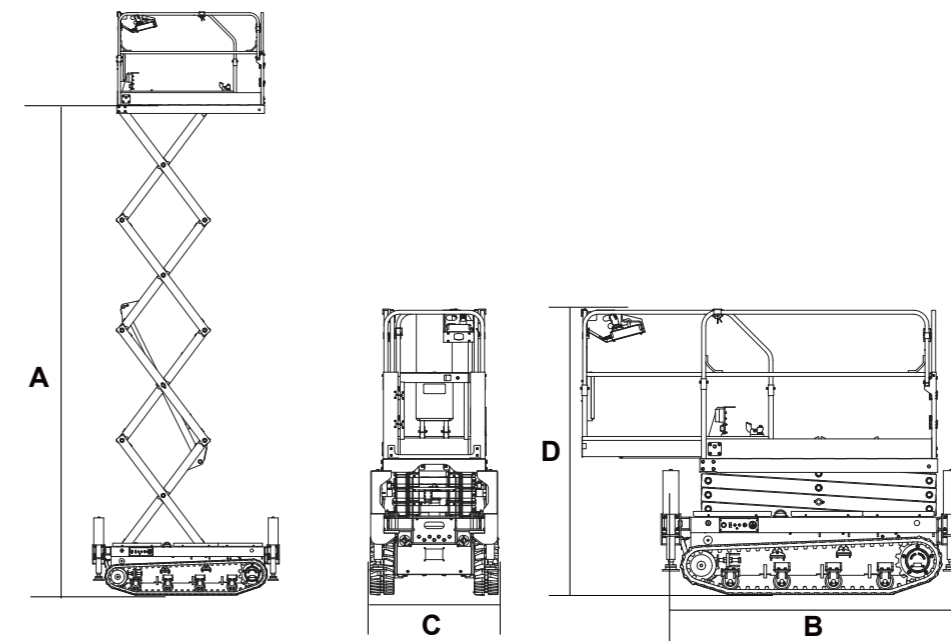
- 01 Emergency Stop
- 02 Emergency Lowering
- 03 Overload Protection
- 04 Lowering Protection
- 05 Descent Protection Alarm
- 06 Tilt Level Protection
- 07 Safety Arm
- 08 Motion Alarm
- 09 Dual Flashing Beacons
- 10 Horn
- 11 Hour Meter
- 12 Automatic Braking System
- 13 Fault Diagnostic System
- 14 Half-Height Swing Gate
- 15 Charger Protection
- 16 Proportional Controls
- 17 Foldable Guardrail
- 18 Manual Brake Release
- 19 Self-Lubricating Bearings

## OPTIONS

- 01 AC Power Outlet on Platform
- 02 Custom Color

## Specifications

Model	ES0507T	ES0610T	ES0610TL	ES0614TL	ES0814TL	ES1014TL	ES1214TL
<b>Dimensions</b>							
Max. Working Height	6.6 m	8 m	8 m	8 m	9.9 m	11.8 m	13.8 m
A Max. Platform Height	4.6 m	6 m	6 m	6 m	7.9 m	9.8 m	11.8 m
B Overall Length (Stowed)	1.53 m	2.05 m	2.27 m	2.66 m	2.66 m	2.66 m	2.66 m
C Overall Width	0.82 m	0.96 m	0.96 m	1.61 m	1.61 m	1.61 m	1.61 m
D Overall Height (Guardrails Unfolded)	2.07 m	2.14 m	2.14 m	2.29 m	2.41 m	2.55 m	2.67 m
Overall Height (Guardrails Folded)	1.53 m	1.67 m	1.67 m	1.77 m	1.89 m	2.04 m	2.15 m
Platform Length (Stowed)	1.32 m	1.8 m	1.8 m	2.25 m	2.25 m	2.25 m	2.25 m
Max Horizontal Reach (Extension)	0.56 m	0.89 m	0.9 m	0.9 m	0.9 m	0.9 m	0.9 m
Platform Width	0.76 m	0.78 m	0.78 m	1.16 m	1.16 m	1.16 m	1.16 m
Ground Clearance	0.1 m	0.145 m	0.145 m	0.15 m	0.15 m	0.15 m	0.15 m
<b>Weight</b>							
Overall Weight	925 kg	1640 kg	1875 kg	3311 kg	3486 kg	3776 kg	3910 kg
<b>Performance</b>							
Max. Platform Occupancy (Indoor)	1	2	2	3	3	2	2
Max. Platform Occupancy (Outdoor)	0	1	1	3	3	2	2
Lift Capacity (without outriggers deployed)	200 kg	200 kg	200 kg	-	-	-	-
Lift Capacity (with outriggers deployed)	-	-	230 kg	550 kg	460 kg	320 kg	320 kg
Lift Capacity (Extension desk)	115 kg	120 kg	120 kg	120 kg	120 kg	120 kg	120 kg
Driving speed (Stowed)	0-1.9 km/h	0-2 km/h	0-1.8 km/h	0-1.8 km/h	0-1.8 km/h	0-1.8 km/h	0-1.8 km/h
Driving speed (Raised)	-	-	-	-	-	-	-
Gradeability	30%	30%	30%	30%	30%	30%	30%
Turning Radius	0	0	0	0	0	0	0
Max. Working Inclination Angle (without outriggers deployed)	1.7°/1.7°	1.5°/2°	1.5°/2°	-	-	-	-
Max. Working Inclination Angle (with outriggers deployed)	-	-	0-0.5°/0-0.5°	0-0.5°/0-0.5°	0-0.5°/0-0.5°	0-0.5°/0-0.5°	0-0.5°/0-0.5°
Longitudinal levelling Front	-	-	± 10.37°	± 10°	± 10°	± 10°	± 10°
Lateral levelling	-	-	± 19.17°	± 15°	± 15°	± 15°	± 15°
Rise/Lower Speed	25/25 s	38/28 s ± 2	38/28 s ± 2	68-72 s / 68-72 s	68-72 s / 68-72 s	56-60 s / 46-50 s	68-72 s / 68-72 s
Tire Size	150x72	180x72	180x72	300x52.5	300x52.5	300x52.5	300x52.5
<b>Power</b>							
Battery voltage / capacity	2x12 V / 85 Ah	4x12 V / 230 Ah	4x12 V / 230 Ah	8x6 V / 220 Ah	8x6 V / 220 Ah	8x6 V / 220 Ah	8x6 V / 220 Ah
Charger	24 V / 15 A	24 V / 36 A	24 V / 36 A	48 V / 40 A	48 V / 40 A	48 V / 40 A	48 V / 40 A



# SFE Series

Electric Stacker



**SFE 1000L**

## Specifications

Model	Unit	SFE-500	SFE-500L	SFE-1000	SFE-1000L
Load Capacity	kg	500	500	1000	1000
Load Center	mm	350	350	350	350
Lifting Height	mm	1500	2500	1500	2500
Fork Length	mm	700	700	700	700
Overall Length	mm	1156	1156	1209	1209
Overall width	mm	878	860	1028	910
Overall Height	mm	2030	1890	2040	1900
Fork Spread Min./Max.	mm	162 ~ 840	166 ~ 670	216 ~ 990	219 ~ 670
Outside Straddle Width	mm	650	850	700	900
Wheel Front / Rear (Rotating)	mm	φ80 / φ200			
Weight	kg	240	280	320	340
Battery	V/Ah	12V×125Ah/20Hr		12V×200Ah/20Hr	
Battery Charger	-	1φ 220V×50/60Hz			

# SDL Series

Hydraulic Drum Lifter



**SDL 300EL**

**SDL 300H**

## Specifications

Model	Unit	SDL-300E	SDL-300EL	SDL-300H	SDL-300HL
Load Capacity	kg	300	300	300	300
Max. Drum Lifting Height	mm	1470	2460	1470	2460
Drum Size	mm	φ600 × 900L	φ600 × 900L	φ600 × 900L	φ600 × 900L
Drum Turning Angle	mm	360	360	360	360
Overall Length	mm	1372	1372	1445	1445
Overall width	mm	1070	1086	1083	1092
Overall Height	mm	2065	2000	2050	2000
Wheel Front / Rear (Rotating)	mm	φ250 / φ150		φ250 / φ200	
Hydraulic Motor	kW			DC 12V×1.6kW	
Battery	V/Ah	N/A (Manual Type)		12V×200Ah/20Hr	
Battery Charger	-	1φ 220V×50/60Hz			
Weight	kg	205	250	250	300

# SFH Series

Hydraulic Stacker

## Specifications

Model	Unit	SFE-500L	SFE-1000L
Load Capacity	kg	500	1000
Load Center	mm	350	350
Max Lift Height	mm	1500	1500
Fork Length	mm	700	700
Overall Length	mm	1126	1124
Overall Width	mm	878	1028
Overall Height (Overhead Guard)	mm	1950	2040
Fork Adjustment Range	mm	166 ~ 840	219 ~ 990
Drive Wheel Overall Width	mm	650	700
Drive / Load Wheel Diameter	mm	φ80 / φ150	
Operating Weight	kg	150	220



**SFH 500**

# SDP Series

Drum Porter

## Specifications

Model	Unit	SDP-300F	SDP-300FS
Load Capacity	kg	300	300
Max Lift Height (Incl. Drum)	mm	310~330	370~390
Drum Size	mm	φ600 × 900L	φ600 × 900L
Overall Length	mm	1061	1100
Overall Width	mm	887	892
Overall Height (Overhead Guard)	mm	1135	1185
Front / Rear Wheel Diameter	mm	φ250 / φ150	φ250 / φ150
Operating Weight	kg	86	100



**SDP 300FS**

# Diesel Forklift Series

2.0-2.5 TON



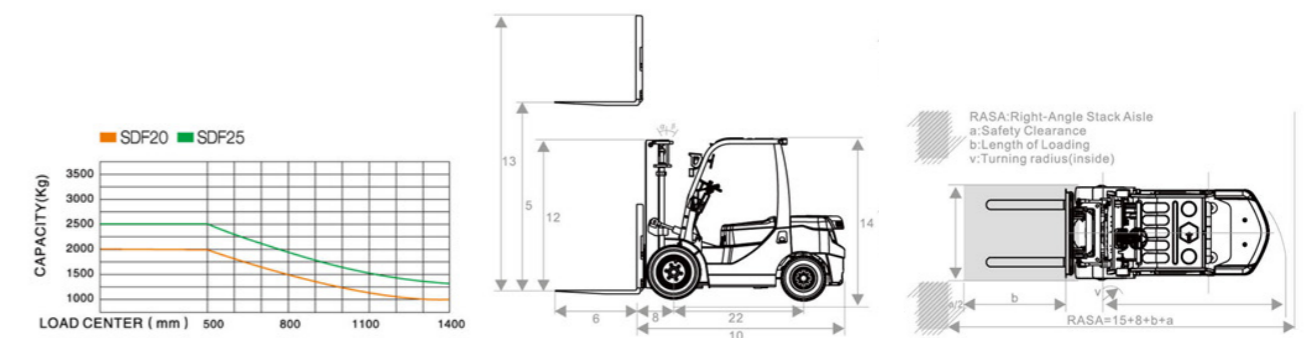
## Mast

Type	Model	Lift Height (mm)	Load Capacity(kg)		Overall Height(mm)			Free Lift(mm)		Tilt Angle F/R(deg)
			2.0t	2.5t	2.0-2.5t		2.0-2.5t			
					Mast Lowered	With Backrest	Without Backrest	With Backrest	Without Backrest	
Wide view 2-stage mast	M200	2000	2000	2500	1555	2960	2550			6/12
	M250	2500	2000	2500	1805	3460	3050			6/12
	M300	3000	2000	2500	2055	3960	3550			6/12
	M330	3300	2000	2500	2205	4260	3850			6/12
	M350	3500	2000	2500	2305	4460	4050			6/12
	M370	3700	2000	2500	2405	4660	4250			6/12
	M400	4000	2000	2500	2605	4960	4550			6/12
	M450	4500	1800*1900	2150*2400	2855	5460	5050			6/6
	M500	5000	1600*1700	1700*2200	3105	5960	5550			6/6
	M550	5500	1500*1600	1550*1950	3405	6460	6050			3/6
M600	6000	950*1300	1000*1800	3655	6960	6550			3/6	
Full free 2-stage mast	Z200	2000	2000	2500	1555	3075	2660	510	930	6/12
	Z250	2500	2000	2500	1805	3575	3160	760	1180	6/12
	Z300	3000	2000	2500	2055	4075	3660	1010	1430	6/12
	Z330	3300	2000	2500	2205	4375	3960	1160	1580	6/12
	Z350	3500	2000	2500	2305	4575	4160	1260	1680	6/12
	Z370	3700	2000	2500	2405	4775	4360	1360	1780	6/12
	Z400	4000	2000	2500	2605	5075	4660	1560	1980	6/12
Full free 3-stage mast	S370	3700	2000	2500	1790	4770	4355	745	1160	6/6
	S400	4000	1900	2400	1890	5070	4655	845	1260	6/6
	S435	4350	1850*1900	2200*2400	2005	5420	5005	960	1375	6/6
	S450	4500	1750*1800	2150*2300	2055	5570	5155	1010	1425	6/6
	S480	4800	1700*1800	1950*2300	2155	5870	5455	1110	1525	6/6
	S500	5000	1550*1750	1750*2250	2225	6070	5655	1180	1595	6/6
	S550	5500	1400*1700	1500*2150	2440	6570	6155	1400	1815	3/6
	S600	6000	900*1600	1000*8000	2605	7070	6655	1570	1985	3/6

## Specifications

Model	Unit	SDF20	SDF25	SDF20	SDF25
General	Power Type	Diesel	Diesel	Diesel	Diesel
Rated Capacity	kg	2000	2500	2000	2500
Load Centre	mm			500	
Lift Height	mm			3000	
Performance	Speed	Travel (Empty load)		19	
		Lifting (Full load)		550	
Max. Gradeability	%	20			
Chassis	Tire	Front		7.00-12-12PR	
		Rear		6.00-9-10PR	
Wheelbase	mm	1600			
Operating Weight	kg	3560	3700	3560	3700
Battery	V/Ah	12/80	12/80	12/80	12/80
Powertrain	Engine	Model		C240PKJ-30	
		Manufacturer		ISUZU	
		Rated output / rpm		35.4/2500	
		Rated torque / rpm		139/1800	
		Number of Cylinders		4	
		Bore x Stroke		86 x 102	
		Displacement		2369	
		Fuel Tank Capacity		60	
	Transmission	Type		Hydraulic	
		Stage		FWD/RVS	
Operating Pressure For Attachment	MPa	17.5			
Fork Size	L x W x T	mm			
Mast Tilt Angle	F/R	Deg			
Front Overhang (Wheel center to fork face)	mm	470			
Ground Clearance (Bottom of mast)	mm	120			
Specifications	Overall Dimensions	Length to face of fork (without fork)		mm	
		Overall Width		mm	
		Mast Lowewd Height		mm	
		Mast Extended Height (with backrest)		mm	
		Overhead Guard Height		mm	
Turning Radius (outside)	mm	2310			
Min. Intersecting Aisle	mm	2380			

✓ Engine Option: Mitsubishi S4S (35.3kW/2250rpm/177N·m/1700rpm/4cyl/94x120mm/3331cc)



# Diesel Forklift Series

3.0-3.5 TON



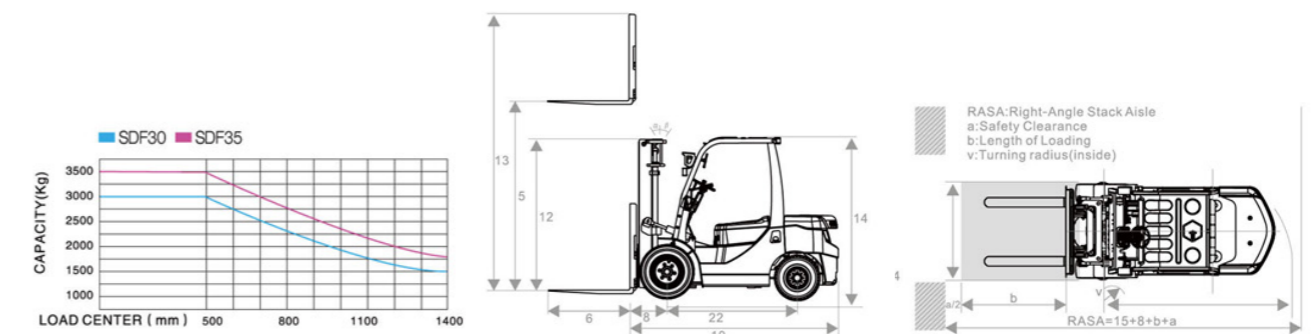
## Mast

Type	Model	Lift Height (mm)	Load Capacity(kg)		Overall Height(mm)			Free Lift(mm)		Tilt Angle F/R(deg)
			3.0t	3.5t	Mast Lowered	Mast Extended		Mast Extended		
						With Backrest	Without Backrest	With Backrest	Without Backrest	
Wide view 2-stage mast	M200	2000	3000	3500	1615	3180	2720			6/12
	M250	2500	3000	3500	1865	3680	3220			6/12
	M300	3000	3000	3500	2115	4180	3720			6/12
	M330	3300	3000	3500	2265	4480	4020			6/12
	M350	3500	3000	3500	2365	4680	4220			6/12
	M370	3700	3000	3500	2465	4880	4420			6/12
	M400	4000	2950*3000	3200*3500	2665	5180	4720			6/12
	M450	4500	2750*3000	3000*3050	2915	5680	5220			6/6
	M500	5000	2400*2550	2500*2850	3165	6180	5720			6/6
	M550	5500	2250*2400	2300*2500	3465	6680	6220			3/6
M600	6000	1500*2200	1800*2300	3715	7180	6720			3/6	
Full free 2-stage mast	Z200	2000	3000	3500	1615	3180	2720	470	930	6/12
	Z250	2500	3000	3500	1865	3680	3220	720	1180	6/12
	Z300	3000	3000	3500	2115	4180	3720	920	1430	6/12
	Z330	3300	3000	3500	2265	4480	4020	1120	1580	6/12
	Z350	3500	3000	3500	2365	4680	4220	1220	1680	6/12
	Z370	3700	3000	3500	2465	4880	4420	1320	1780	6/12
	Z400	4000	2900*3000	3300*3500	2665	5180	4720	1520	1980	6/12
Full free 3-stage mast	S370	3700	2900	3300	1870	4875	4420	730	1185	6/6
	S400	4000	2900	3300	1970	5175	4720	830	1285	6/6
	S435	4350	2800*2900	3500*3300	2085	5525	5070	945	1400	6/6
	S450	4500	2700*2800	2900*3100	2135	5675	5240	995	1450	6/6
	S480	4800	2500*2800	2700*2900	2235	5975	5520	1095	1550	6/6
	S500	5000	2300*2550	2500*2800	2305	6175	5720	1165	1620	6/6
	S550	5500	2200*2400	2350*2500	2520	6675	6220	1385	1840	3/6
	S600	6000	1500*2100	1650*2200	2685	7175	6720	1555	2010	3/6

## Specifications

Model	Unit	SDF20	SDF25	SDF20	SDF25				
General	Power Type	Diesel	Diesel	Diesel	Diesel				
	Rated Capacity	kg	3000	3500	3000	3500			
	Load Centre	mm	500						
	Lift Height	mm	3000						
Performance	Speed	Travel (Empty load)	km/h			19			
		Lifting (Full load)	mm/s			550	520	550	520
	Max. Gradeability	%	20						
Chassis	Tire	Front	28x9-15-12PR						
		Rear	6.50-10-10PR						
	Wheelbase	mm	1700						
	Operating Weight	kg	4300	4500	4300	4500			
Powertrain	Battery	Voltage / Capacity	V/Ah	12/80	12/80	12/80	12/80		
	Engine	Model	C240PKJ30	4JG2PE-01	4TNE98				
		Manufacturer	ISUZU		YANMAR				
		Rated output / rpm	kW	35.4/2500	46/2450	42.1/2300			
		Rated torque / rpm	N·m	139/1800	186.3/1600-1800	187-207/1700			
		Number of Cylinders	4	4	4	4			
		Bore x Stroke	mm	86 × 102	95.4 × 107	98 × 110			
		Displacement	cc	2369	3059	3318			
		Fuel Tank Capacity	L	60					
	Transmission	Type	Hydraulic						
		Stage	FWD/RVS			1-1			
	Operating Pressure For Attachment	MPa	17.5						
	Fork Size	L x W x T	mm			1070 × 125 × 45			
	Mast Tilt Angle	F/R	Deg			6°/12°			
	Front Overhang (Wheel center to fork face)	mm	475	480	475	480			
	Ground Clearance (Bottom of mast)	mm	135	135	135	135			
Specifications	Overall Dimensions	Length to face of fork (without fork)	mm	2730	2770	2730	2770		
		Overall Width	mm	1225	1225	1225	1225		
		Mast Lowewd Height	mm	2115	2175	2115	2175		
		Mast Extended Height (with backrest)	mm	4160	4160	4160	4160		
		Overhead Guard Height	mm	2090	2090	2090	2090		
	Turning Radius (outside)	mm	2440	2480	2440	2480			
	Min. Intersecting Aisle	mm	2490	2530	2490	2530			

✓ Engine Option: Mitsubishi S4S (35.3kW/2250rpm/177N·m/1700rpm/4cyl/94x120mm/3331cc)  
Kubota V2403 (34.1kW/2400rpm/155.9N·m/1600rpm/4cyl/87x102.4mm/2434cc)



# Diesel Forklift Series

4.0-5.0 TON



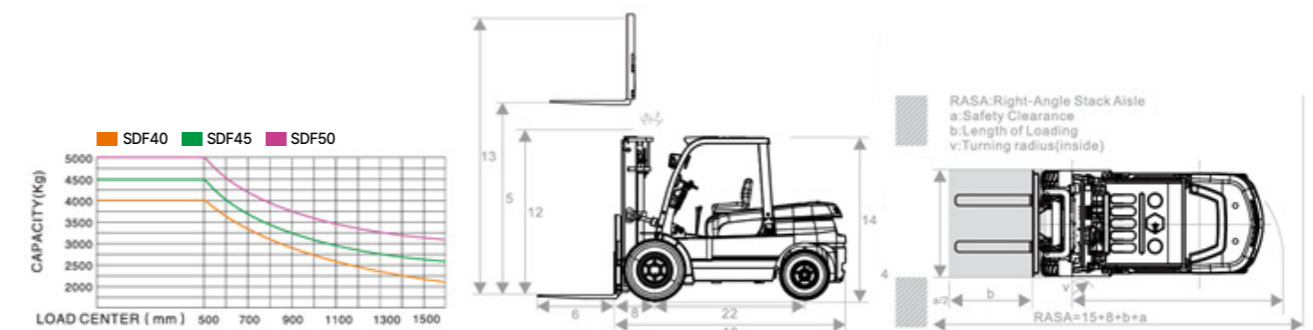
## Mast

Type	Model	Lift Height (mm)	Load Capacity(kg)			Overall Height(mm)			Free Lift(mm)		Tilt Angle F/R(deg)
			4.0t	4.5t	5.0t	4.0-5.0t		4.0-5.0t			
						Mast Lowered	Mast Extended	Mast Extended	Mast Extended		
Wide view 2-stage mast	M200	2000	4000	4500	5000	2020	3665	3350			6/12
	M250	2500	4000	4500	5000	2120	3865	3550			6/12
	M300	3000	4000	4500	5000	2270	4165	3850			6/12
	M330	3300	4000	4500	5000	2420	4465	4150			6/12
	M350	3500	4000	4500	5000	2520	4665	4350			6/12
	M370	3700	4000	4500	4800*5000	2620	4865	4550			6/12
	M400	4000	4000	4500	4600*5000	2820	5165	4850			6/12
	M450	4500	3600*3800	4000*4500	4300*4800	3070	5665	5350			6/6
	M500	5000	3100*2500	3600*4300	3900*4500	3320	6165	5850			6/6
	M550	5500	2850*3150	3000*3800	3400*4100	3620	6665	6350			3/6
M600	6000	2300*2900	2500*3300	2700*3500	3870	7165	6850			3/6	
Full free 2-stage mast	Z200	2000	4000	4500	5000	2020	3665	3350	745	1195	6/12
	Z250	2500	4000	4500	5000	2120	3865	3550	845	1295	6/12
	Z300	3000	4000	4500	5000	2270	4165	3850	995	1445	6/12
	Z330	3300	4000	4500	5000	2420	4465	4150	1145	1595	6/12
	Z350	3500	4000	4500	5000	2520	4665	4350	1245	1695	6/12
	Z370	3700	4000	4500	4800*5000	2620	4865	4550	1345	1795	6/12
	Z400	4000	3900*4000	4300*4500	4600*5000	2820	5165	4850	1495	1945	6/12
Full free 3-stage mast	S370	3700	3900	4400	4800*4900	2005	4880	4550	835	1350	6/6
	S400	4000	3900	4300*4400	4500*4700	2105	5180	4850	935	1450	6/6
	S435	4350	3750*3900	4100*4400	4300*4600	2220	5530	5200	1050	1565	6/6
	S450	4500	3600*3800	3900*4400	4200*4600	2270	5680	5350	1100	1615	6/6
	S480	4800	3250*3650	3800*4300	4000*4500	2370	5980	5650	1200	1715	6/6
	S500	5000	3000*3500	3600*4200	3800*4300	2435	6180	5850	1265	1780	6/6
	S550	5500	2750*3150	2900*3700	3100*3900	2600	6680	6350	1430	1945	3/6
	S600	6000	2200*2900	2400*3200	2600*3400	2870	7180	6850	1700	2212	3/6

## Specifications

Model	Unit	SDF40	SDF45	SDF50
General	Power Type	Diesel	Diesel	Diesel
	Rated Capacity	4000	4500	5000
	Load Centre		500	
	Lift Height		3000	
Performance	Speed	Travel (Empty load)		25
		Lifting (Full load)		420
	Max. Gradeability			20
Chassis	Tire	Front		300-15-18PR
		Rear		700-12-12PR
	Wheelbase			2100
	Operating Weight	6480	6680	6980
Powertrain	Battery	Voltage / Capacity		(12/80) x 2
		Model		6BG1
		Manufacturer		ISUZU
		Rated output / rpm		82.3/2000
		Rated torque / rpm		416/1400-1600
		Number of Cylinders		6
		Bore x Stroke		105 x 125
		Displacement		6494
		Fuel Tank Capacity		105
	Transmission	Type		Hydraulic
		Stage		2-1
	Operating Pressure For Attachment			17.5
	Fork Size	L x W x T		1070 x 150 x 55
	Mast Tilt Angle	F/R		6°/12°
	Front Overhang (Wheel center to fork face)			570
	Ground Clearance (Bottom of mast)			170
Specifications		Length to face of fork (without fork)		3245
		Overall Width		1430
		Mast Lowewd Height		2270
		Mast Extended Height (with backrest)		4110
		Overhead Guard Height		2265
	Turning Radius (outside)			2910
	Min. Intersecting Aisle			2920

✓ Engine Option: Mitsubishi S6S (63.9kW/2300rpm/285N·m/1700rpm/6cyl/94x120mm/4996cc)



# Diesel Forklift Series

5.0-8.0 TON



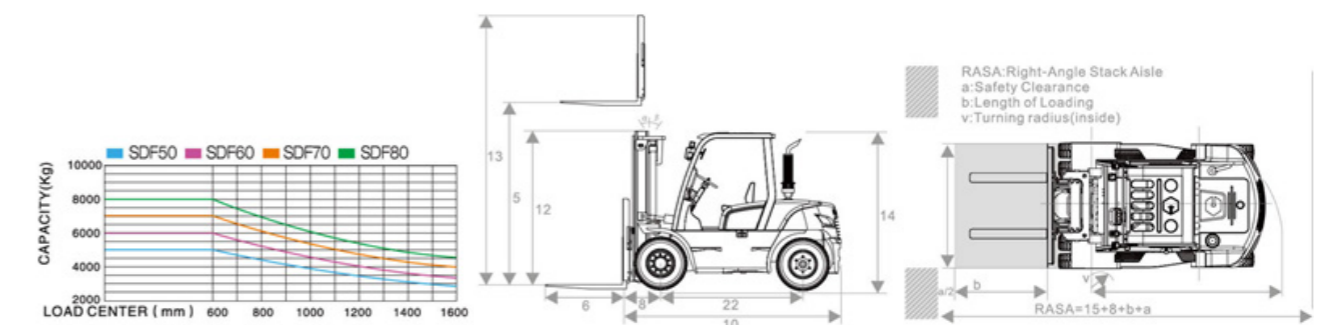
## Mast

Type	Model	Lift Height (mm)	Load Capacity(kg)				Overall Height(mm)			Free Lift(mm)		Tilt Angle F/R(deg)
			5.0t	6.0t	7.0t	8.0t	5.0-8.0t		5.0-8.0t			
							Mast Lowered	Mast Extended	Mast Extended	Mast Extended		
Wide view 2-stage mast	M250	2500	5000	6000	7000	8000	2250	3900	3620			6/12
	M300	3000	5000	6000	7000	8000	2500	4400	4120			6/12
	M330	3300	5000	6000	7000	8000	2650	4700	4420			6/12
	M350	3500	5000	6000	7000	8000	2750	4900	4620			6/12
	M370	3700	5000	6000	7000	8000	2850	5100	4820			6/12
	M400	4000	5000	6000	7000	8000	3050	5400	5120			6/12
	M450	4500	5000	6000	7000	8000	3300	5900	5620			6/6
	M500	5000	5000	6000	7000	7500	3550	6400	6120			6/6
	M550	5500	4750	5700	6600	7300	3850	6900	6620			3/6
	M600	6000	4400	5400	6400	6800	4100	7400	7120			3/6
Full free 2-stage mast	Z250	2500	5000	6000	7000	8000	2250	3900	3620	1200	760	6/12
	Z300	3000	5000	6000	7000	8000	2500	4400	4120	1400	1010	6/12
	Z330	3300	5000	6000	7000	8000	2650	4700	4420	1550	1160	6/12
	Z350	3500	5000	6000	7000	8000	2750	4900	4620	1650	1260	6/12
	Z370	3700	5000	6000	7000	8000	2850	5100	4820	1775	1385	6/12
	Z400	4000	5000	6000	7000	7500	3050	5400	5120	1950	1560	6/12
	S370	3700	4500	5500	6200	7000	2435	5025	4975	1375	1025	6/6
	S400	4000	4500	5500	6200	7000	2535	5390	5390	1475	1125	6/6
	S435	4350	4500	5500	6200	7000	2650	5740	5740	1590	1240	6/6
	S450	4500	4500	5500	6200	7000	2700	5890	5890	1640	1290	6/6
Full free 3-stage mast	S480	4800	4500	5500	6200	6600	2805	6200	6200	1745	1395	6/6
	S500	5000	4500	5500	6200	6500	2870	6400	6400	1810	1460	6/6
	S550	5500	4200	5300	6000	6200	3040	6820	6820	1980	1630	3/6
	S600	6000	4000	5000	5500	6000	3205	7400	7400	2145	1795	3/6

## Specifications

Model	Unit	SDF50	SDF60	SDF70	SDF80	
General	Power Type	Diesel	Diesel	Diesel	Diesel	
	Rated Capacity	5000	6000	7000	8000	
	Load Centre		600			
	Lift Height		3000			
Performance	Speed			30		
	Travel (Empty load)					
	Lifting (Full load)	500	500	460	420	
	Max. Gradeability	20	20	20	20	
Chassis	Tire		28x9-15-12PR		8.25-15PR	
	Front					
	Rear		6.50-10-10PR		8.25-15PR	
	Wheelbase	2250	2250	2250	2250	
	Operating Weight	8150	8750	9750	10350	
Powertrain	Battery			(12/800) x 2		
	Voltage / Capacity					
	Model			6BG1		
	Manufacturer			ISUZU		
	Rated output / rpm			82.3/2000		
	Rated torque / rpm			416/1400-1600		
	Number of Cylinders			6		
	Bore x Stroke			105 x 150		
	Displacement			6494		
	Fuel Tank Capacity			140		
	Transmission			Hydraulic		
	Type					
	Stage			2-2		
	FWD/RVS					
	Operating Pressure For Attachment			19		
	MPa					
	Fork Size	L x W x T	1220 x 150 x 60	1220 x 150 x 60	1220 x 150 x 70	1220 x 150 x 70
	Mast Tilt Angle	F/R	6°/12°	6°/12°	6°/12°	6°/12°
	Front Overhang (Wheel center to fork face)		590	590	595	595
	Ground Clearance (Bottom of mast)		200	200	200	200
Specifications	Length to face of fork (without fork)		3450	3450	3560	3560
	Overall Width			2010		
	Mast Lowewd Height			2500		
	Mast Extended Height (with backrest)			4415		
	Overhead Guard Height			2470		
	Turning Radius (outside)		3250	3250	3350	3350
	Min. Intersecting Aisle		2960	2960	3040	3040

✓ Engine Option: Mitsubishi S6S (63.9kW/2300rpm/285N·m/1700rpm/6cyl/94x120mm/4996cc)



# Diesel Forklift Series

10.0-12.0 TON

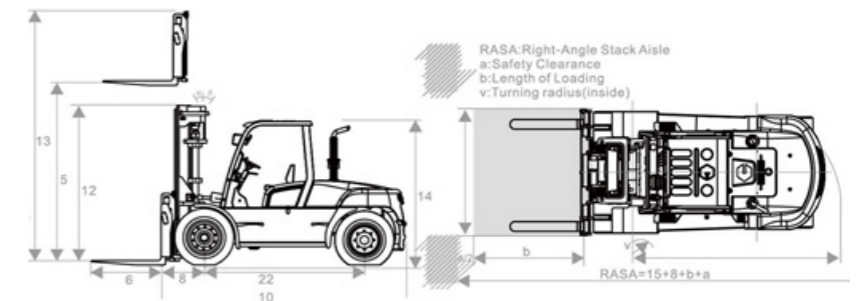
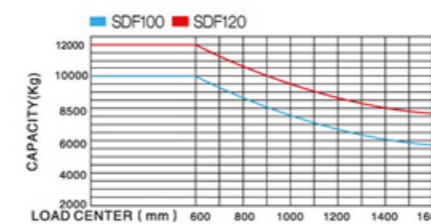


## Specifications

Model		Unit	SDF100	SDF120	SDF120	
General	Power Type		Diesel	Diesel	Diesel	
	Rated Capacity	kg	10000	12000	12000	
	Load Centre	mm		600		
	Lift Height	mm		3000		
Performance	Speed	Travel (Empty load)	km/h	30	28	
		Lifting (Full load)	mm/s	270	280	
	Max. Gradeability	%	20	20	20	
Chassis	Tire	Front		9.00-20-14PR	9.00-20PR	
		Rear		9.00-20-14PR	9.00-20PR	
	Wheelbase	mm	2800	3200		
Operating Weight	kg	13000	14500			
Powertrain	Battery	Voltage / Capacity	V/Ah		(12/800) x 2	
		Model		6BG1	QSB4.5-C130	6BT5.9-C130
	Manufacturer		ISUZU	CUMMINS	DONGFENG CUMMINS	
	Engine	Rated output / rpm	kW	82.3/2000	97/2200	
		Rated torque / rpm	N·m	416/1400-1600	622/1500	560/1500
		Number of Cylinders		6	4	6
		Bore x Stroke	mm	105 x 125	107 x 124	102 x 120
		Displacement	cc	6494	4500	5900
	Fuel Tank Capacity	L	140	150		
	Transmission	Type			Hydraulic	
Stage		FWD/RVS		2-2		
Operating Pressure For Attachment	MPa		19			
Fork Size	L x W x T	mm	1220 x 150 x 60	1520 x 180 x 100		
Mast Tilt Angle	F/R	Deg		6°/12°		
Front Overhang (Wheel center to fork face)		mm	750	770		
Ground Clearance (Bottom of mast)		mm	240	250		
Specifications	Overall Dimensions	Length to face of fork (without fork)	mm	4280	4700	
		Overall Width	mm	2170	2200	
	Mast Lowewd Height	mm	2830	3080		
	Mast Extended Height (with backrest)	mm	4320	4510		
	Overhead Guard Height	mm	2570	2590		
Turning Radius (outside)	mm	3970	4700			
Min. Intersecting Aisle	mm	3590	4200			

## Mast

Type	Model	Lift Height (mm)	Load Capacity(kg)		Overall Height(mm)				Free Lift(mm)		Tilt Angle F/R(deg)
			10.0t	12.0t	10.0t		12.0t		10.0t	12.0t	
					Mast Lowered	Mast Extended	Mast Lowered	Mast Extended			
Wide view 2-stage mast	M250	2500	10000		2580	4070					6/12
	M300	3000	10000	12000	2830	4260	3080	4510			6/12
	M330	3300	10000	12000	2980	4560	3230	4810			6/12
	M350	3500	10000	12000	3080	4760	3330	5010			6/12
	M370	3700	10000	12000	3180	4960	3455	5260			6/12
	M400	4000	10000	11000	3380	5310	3630	5560			6/12
	M450	4500	10000	11000	3630	5810	3880	6060			6/6
	M500	5000	10000	10000	3880	6310	4130	6560			6/6
	M550	5500	9000	9500	4180	6860	4430	7110			3/6
	M600	6000	8000	8500	4430	7360	4680	7610			3/6
Full free 3-stage mast	S370	3700	8000		2600	4920			1205		6/6
	S400	4000	8000		2720	5320			1330		6/6
	S435	4350	8000		2850	5670			1455		6/6
	S450	4500	8000		2900	5820			1505		6/6
	S480	4800	7500		3000	6120			1605		6/6
	S500	5000	7500		3100	6320			1705		6/6
	S550	5500	7000		3270	6820			1875		3/6
	S600	6000	6500		3525	7320			2130		3/6



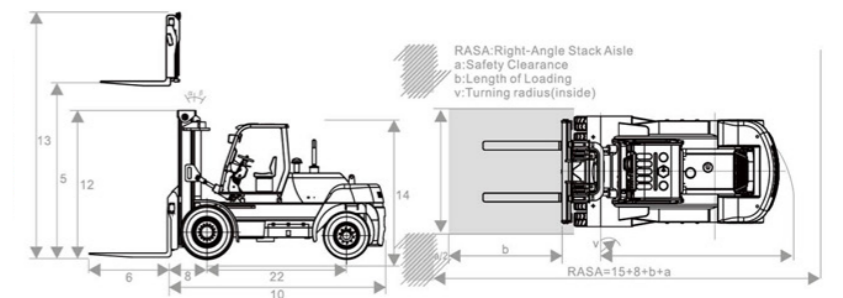
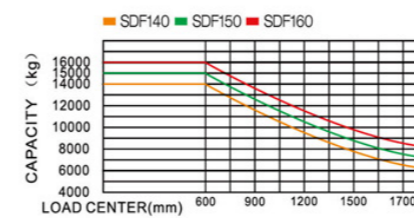
# Diesel Forklift Series

14.0-16.0 TON



## Specifications

Model		Unit	SDF140	SDF150	SDF160	
General	Power Type		Diesel	Diesel	Diesel	
	Rated Capacity	kg	14000	15000	16000	
	Load Centre	mm	900	600		
	Lift Height	mm	3000			
Performance	Speed	Travel (Empty load)	km/h			
		Lifting (Full load)	mm/s			
	Max. Gradeability	%	20			
Chassis	Tire	Front	12.00-24-20PR			
		Rear	12.00-24-18PR			
	Wheelbase	mm	3250			
Operating Weight	kg	16500	18500	20500		
Powertrain	Battery	Voltage / Capacity	V/Ah			
		Model	24/120			
	Engine	Manufacturer	QSB6.7-190			
		Rated output / rpm	CUMMINS			
		Rated torque / rpm	kW			
		Number of Cylinders	140/2000			
		Bore x Stroke	N·m			
		Displacement	880/1400			
		Fuel Tank Capacity	6			
		Transmission	Type	mm		
Stage	107 × 124					
Operating Pressure For Attachment	MPa	15	16	18		
Specifications	Fork Size	L x W x T	mm			
		Mast Tilt Angle F/R	Deg			
	Front Overhang (Wheel center to fork face)	mm	1820 × 200 × 90			
	Ground Clearance (Bottom of mast)	mm	6°/12°			
	Overall Dimensions	Length to face of fork (without fork)	mm	900		
		Overall Width	mm	255		
		Mast Lowewd Height	mm	4960		
		Mast Extended Height (with backrest)	mm	2490		
	Turning Radius (outside)	mm	3170			
	Min. Intersecting Aisle	mm	4670			
			mm			
			2930			
			4500			
			6800			



# LPG/Gasoline Forklift Series

2.0-2.5 TON

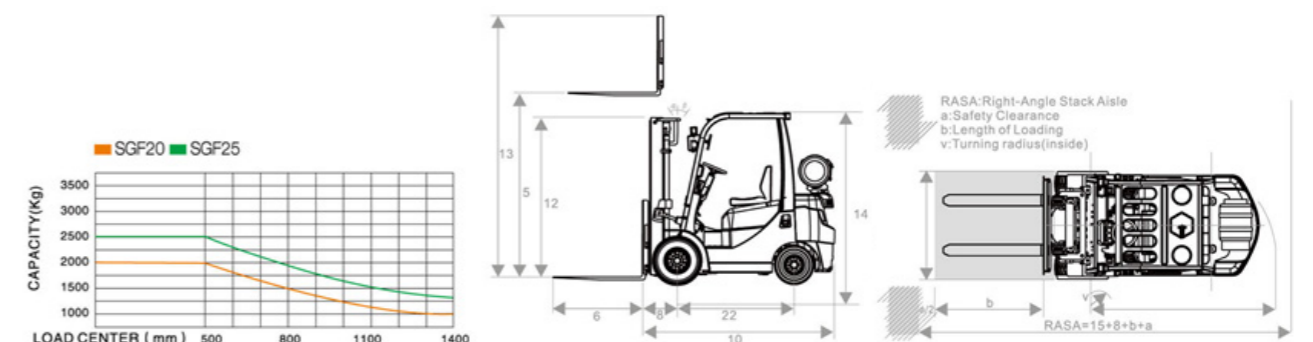


## Mast

Type	Model	Lift Height (mm)	Load Capacity(kg)		Overall Height(mm)			Free Lift(mm)		Tilt Angle F/R(deg)
			2.0t	2.5t	Mast Lowered	Mast Extended		Mast Extended		
						With Backrest	Without Backrest	With Backrest	Without Backrest	
Wide view 2-stage mast	M200	2000	2000	2500	1555	2960	2550			6/12
	M250	2500	2000	2500	1805	3460	3050			6/12
	M300	3000	2000	2500	2055	3960	3550			6/12
	M330	3300	2000	2500	2205	4260	3850			6/12
	M350	3500	2000	2500	2305	4460	4050			6/12
	M370	3700	2000	2500	2405	4660	4250			6/12
	M400	4000	2000	2500	2605	4960	4550			6/12
	M450	4500	1800*1900	2150*2400	2855	5460	5050			6/6
	M500	5000	1600*1700	1700*2200	3105	5960	5550			6/6
	M550	5500	1500*1600	1550*1950	3405	6460	6050			3/6
Full free 2-stage mast	M600	6000	950*1300	1000*1800	3655	6960	6550			3/6
	Z200	2000	2000	2500	1555	3075	2660	510	930	6/12
	Z250	2500	2000	2500	1805	3575	3160	760	1180	6/12
	Z300	3000	2000	2500	2055	4075	3660	1010	1430	6/12
	Z330	3300	2000	2500	2205	4375	3960	1160	1580	6/12
	Z350	3500	2000	2500	2305	4575	4160	1260	1680	6/12
	Z370	3700	2000	2500	2405	4775	4360	1360	1780	6/12
	Z400	4000	2000	2500	2605	5075	4660	1560	1980	6/12
	S370	3700	2000	2500	1790	4770	4355	745	1160	6/6
	S400	4000	1900	2400	1890	5070	4655	845	1260	6/6
Full free 3-stage mast	S435	4350	1850*1900	2200*2400	2005	5420	5005	960	1375	6/6
	S450	4500	1750*1800	2150*2300	2055	5570	5155	1010	1425	6/6
	S480	4800	1700*1800	1950*2300	2155	5870	5455	1110	1525	6/6
	S500	5000	1550*1750	1750*2250	2225	6070	5655	1180	1595	6/6
	S550	5500	1400*1700	1500*2150	2440	6570	6155	1400	1815	3/6
	S600	6000	900*1600	1000*8000	2605	7070	6655	1570	1985	3/6

## Specifications

Model		Unit	SGF20	SGF25
General	Power Type		LPG & Gasoline	
	Rated Capacity	kg	2000	2500
	Load Centre	mm	500	
	Lift Height	mm	3000	
Performance	Speed	Travel (Empty load)	19 km/h	
		Lifting (Full load)	530 mm/s	
	Max. Gradeability	%	20	
Chassis	Tire	Front	7.0-12-12PR	
		Rear	6.00-9-10PR	
	Wheelbase	mm	1600	
Operating Weight	kg	3560	3700	
Powertrain	Battery	Voltage / Capacity	12/80	
		Model	K25	
	Manufacturer	GCT (Nissan)		
	Engine	Rated output / rpm	37.4/2300 kW	
		Rated torque / rpm	176.5/1600 N·m	
		Number of Cylinders	4	
		Bore x Stroke	89 × 100 mm	
		Displacement	2488 cc	
	Fuel Tank Capacity	L	60	
	Transmission	Type	Hydraulic	
Stage		FWD/RVS 1-1		
Operating Pressure For Attachment	MPa	17.5		
Fork Size	L x W x T	mm 1070 × 120 × 40		
Mast Tilt Angle	F/R	Deg 6°/12°		
Front Overhang (Wheel center to fork face)		mm 470		
Ground Clearance (Bottom of mast)		mm 120		
Specifications	Overall Dimensions	Length to face of fork (without fork)	mm 2600	
		Overall Width	mm 1150	
	Mast Lowewd Height	mm 2050	2055	
	Mast Extended Height (with backrest)	mm 4050		
	Overhead Guard Height	mm 2070		
Turning Radius (outside)	mm	2310		
Min. Intersecting Aisle	mm	2380		



# LPG/Gasoline Forklift Series

3.0-3.5 TON

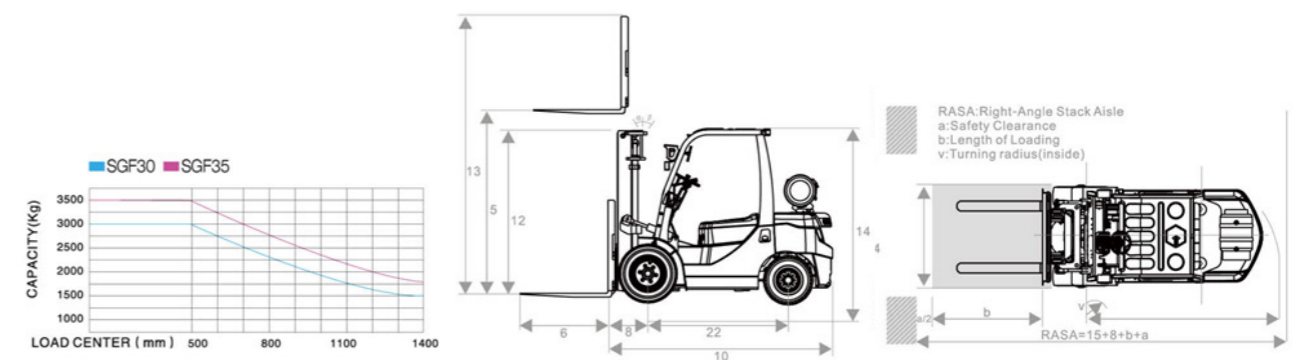


## Mast

Type	Model	Lift Height (mm)	Load Capacity(kg)		Overall Height(mm)			Free Lift(mm)		Tilt Angle F/R(deg)
			3.0t	3.5t	Mast Lowered	Mast Extended		Mast Extended		
						With Backrest	Without Backrest	With Backrest	Without Backrest	
Wide view 2-stage mast	M200	2000	3000	3500	1615	3180	2720			6/12
	M250	2500	3000	3500	1865	3680	3220			6/12
	M300	3000	3000	3500	2115	4180	3720			6/12
	M330	3300	3000	3500	2265	4480	4020			6/12
	M350	3500	3000	3500	2365	4680	4220			6/12
	M370	3700	3000	3500	2465	4880	4420			6/12
	M400	4000	2950*3000	3200*3500	2665	5180	4720			6/12
	M450	4500	2750*3000	3000*3050	2915	5680	5220			6/6
	M500	5000	2400*2550	2500*2850	3165	6180	5720			6/6
	M550	5500	2250*2400	2300*2500	3465	6680	6220			3/6
M600	6000	1500*2200	1800*2300	3715	7180	6720			3/6	
Full free 2-stage mast	Z200	2000	3000	3500	1615	3180	2720	470	930	6/12
	Z250	2500	3000	3500	1865	3680	3220	720	1180	6/12
	Z300	3000	3000	3500	2115	4180	3720	920	1430	6/12
	Z330	3300	3000	3500	2265	4480	4020	1120	1580	6/12
	Z350	3500	3000	3500	2365	4680	4220	1220	1680	6/12
	Z370	3700	3000	3500	2465	4880	4420	1320	1780	6/12
	Z400	4000	2900*3000	3300*3500	2665	5180	4720	1520	1980	6/12
Full free 3-stage mast	S370	3700	2900	3300	1870	4875	4420	730	1185	6/6
	S400	4000	2900	3300	1970	5175	4720	830	1285	6/6
	S435	4350	2800*2900	3500*3300	2085	5525	5070	945	1400	6/6
	S450	4500	2700*2800	2900*3100	2135	5675	5240	995	1450	6/6
	S480	4800	2500*2800	2700*2900	2235	5975	5520	1095	1550	6/6
	S500	5000	2300*2550	2500*2800	2305	6175	5720	1165	1620	6/6
	S550	5500	2200*2400	2350*2500	2520	6675	6220	1385	1840	3/6
	S600	6000	1500*2100	1650*2200	2685	7175	6720	1555	2010	3/6

## Specifications

Model		Unit	SGF30	SGF35
General	Power Type		LPG & Gasoline	
	Rated Capacity	kg	3000	3500
	Load Centre	mm	500	
Performance	Lift Height	mm	3000	
	Speed	Travel (Empty load)	19 km/h	
		Lifting (Full load)	440 mm/s	420 mm/s
	Max. Gradeability	%	20	
Chassis	Tire	Front	28 × 9-15-12PR	
		Rear	6.50-10-10PR	
	Wheelbase	mm	1700	
Operating Weight	kg	4300	4500	
Powertrain	Battery	Voltage / Capacity	12/80	
		Model	K25	
	Manufacturer	GCT (Nissan)		
	Engine	Rated output / rpm	37.4/2300 kW	
		Rated torque / rpm	176.5/1600 N·m	
		Number of Cylinders	4	
		Bore x Stroke	89 × 100 mm	
	Displacement	cc	2488	
	Fuel Tank Capacity	L	60	
	Transmission	Type	Hydraulic	
Stage		FWD/RVS 1-1		
Operating Pressure For Attachment	MPa	17.5		
Fork Size	L x W x T	mm	1070 × 125 × 45	1070 × 125 × 50
Mast Tilt Angle	F/R	Deg	6°/12°	
Front Overhang (Wheel center to fork face)		mm	475	480
Ground Clearance (Bottom of mast)		mm	135	
Overall Dimensions	Length to face of fork (without fork)	mm	2730	2770
		Overall Width	1225	
	Mast Lowewd Height	mm	2115	2175
	Mast Extended Height (with backrest)	mm	4160	
	Overhead Guard Height	mm	2090	
Turning Radius (outside)		mm	2440	2480
Min. Intersecting Aisle		mm	2490	2530



# LPG/Gasoline Forklift Series

5.0-7.0 TON

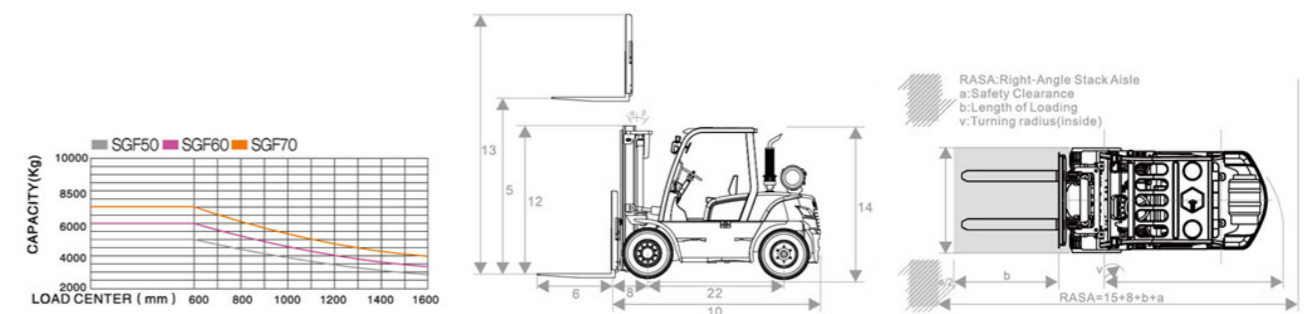


## Mast

Type	Model	Lift Height (mm)	Load Capacity(kg)			Overall Height(mm)			Free Lift(mm)		Tilt Angle F/R(deg)
			5.0t	6.0t	7.0t	5.0-7.0t		5.0-7.0t			
						Mast Lowered	Mast Extended	Mast Extended	Mast Extended		
Wide view 2-stage mast	M250	2500	5000	6000	7000	2250	3900	3620		6/12	
	M300	3000	5000	6000	7000	2500	4400	4120		6/12	
	M330	3300	5000	6000	7000	2650	4700	4420		6/12	
	M350	3500	5000	6000	7000	2750	4900	4620		6/12	
	M370	3700	5000	6000	7000	2850	5100	4820		6/12	
	M400	4000	5000	6000	7000	3050	5400	5120		6/12	
	M450	4500	5000	6000	7000	3300	5900	5620		6/6	
	M500	5000	5000	6000	7000	3550	6400	6120		6/6	
	M550	5500	4750	5700	6600	3850	6900	6620		3/6	
	M600	6000	4400	5400	6400	4100	7400	7120		3/6	
Full free 2-stage mast	Z250	2500	5000	6000	7000	2250	3900	3620	760	1200	6/12
	Z300	3000	5000	6000	7000	2500	4400	4120	1010	1400	6/12
	Z330	3300	5000	6000	7000	2650	4700	4420	1160	1550	6/12
	Z350	3500	5000	6000	7000	2750	4900	4620	1260	1650	6/12
	Z370	3700	5000	6000	7000	2850	5100	4820	1385	1775	6/12
	Z400	4000	5000	6000	7000	3050	5400	5120	1560	1950	6/12
	Z450	4500	5000	6000	7000	3300	5900	5620			6/6
Full free 3-stage mast	S370	3700	4500	5500	6200	2435	5025	4975	1025	1375	6/6
	S400	4000	4500	5500	6200	2535	5390	5390	1125	1475	6/6
	S435	4350	4500	5500	6200	2650	5740	5740	1240	1590	6/6
	S450	4500	4500	5500	6200	2700	5890	5890	1290	1640	6/6
	S480	4800	4500	5500	6200	2805	6200	6200	1395	1745	6/6
	S500	5000	4500	5500	6200	2870	6400	6400	1460	1810	6/6
	S550	5500	4200	5300	6000	3040	6820	6820	1630	1980	3/6
	S600	6000	4000	5000	5500	3205	7400	7400	1795	2145	3/6

## Specifications

Model		Unit	SGF50	SGF60	SGF70	
General	Power Type		LPG	LPG	LPG	
	Rated Capacity	kg	5000	6000	7000	
	Load Centre	mm		600		
	Lift Height	mm		3000		
Performance	Speed	Travel (Empty load)		30		
		Lifting (Full load)			460	
	Max. Gradeability	%		20		
Chassis	Tire	Front		8.25-15-14PR		
		Rear				
	Wheelbase	mm		2250		
	Operating Weight	kg	8150	8750	9750	
Powertrain	Battery	Voltage / Capacity		(12/80) x 2		
		Model		GM4.3L		
		Manufacturer		GM		
	Engine	Rated output / rpm	kW		56/2200	
		Rated torque / rpm	N·m		240/750	
		Number of Cylinders			6	
		Bore x Stroke	mm		101.6 × 88.39	
		Displacement	cc		4300	
		Fuel Tank Capacity	L		140	
	Transmission	Type			Hydraulic	
Stage		FWD/RVS		2-2		
	Operating Pressure For Attachment	MPa		19		
	Fork Size	L x W x T	1220 × 125 × 60		1220 × 150 × 70	
	Mast Tilt Angle	F/R		6°/12°		
	Front Overhang (Wheel center to fork face)	mm	590		595	
	Ground Clearance (Bottom of mast)	mm		200		
Specifications	Overall Dimensions	Length to face of fork (without fork)	mm	3450	3560	
		Overall Width	mm	2010		
		Mast Lowewd Height	mm	2500		
		Mast Extended Height (with backrest)	mm	4415		
		Overhead Guard Height	mm	2470		
	Turning Radius (outside)	mm	3250		3350	
	Min. Intersecting Aisle	mm	2960		3040	



# Customized Equipment

