

1.5ton ▶ 1.75ton
at 500mm Load Center

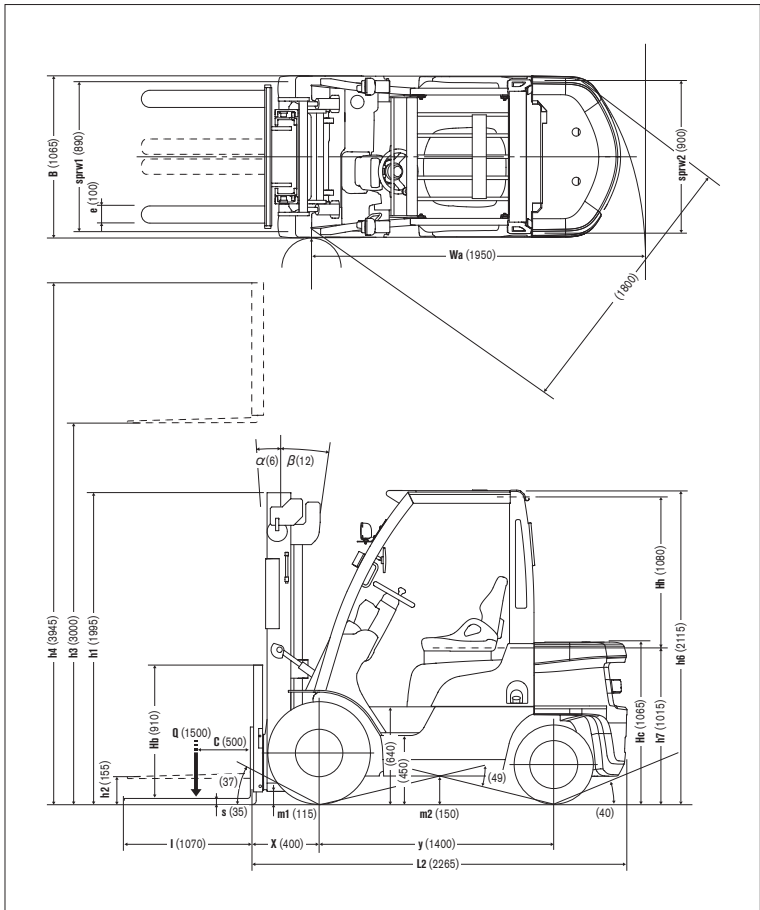
NISSAN
FORKLIFT

1F Series

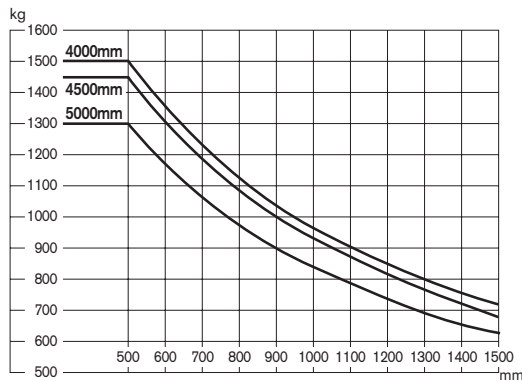
Pneumatic Tire / Engine-powered Models **1.5–1.75 ton**



Dimensions



Load Capacity Chart



No capacity reduction until 4000 mm height. Load capacities are computed with following conditions, a) Standard 2W Mast and b) Mast in vertical position.

Tire and Tread Specifications

Front Tire	Single	Double
Front Tire Size	6.50-10-10PR(I)	
Overall Width mm	1065	1480
Front Tread mm	890	1095

Ground Clearance

Under mast	mm	115
Under power unit	mm	135
Under frame	mm	150

Mast Specifications & Rated Capacities

1F1A15U, 1F1M15U, 1F1A15WU, 1F1M15WU, P1F1A15JU, P1F1A15DU, P1F1A15U, P1F1A15WU, F1F1A15U, F1F1M15U

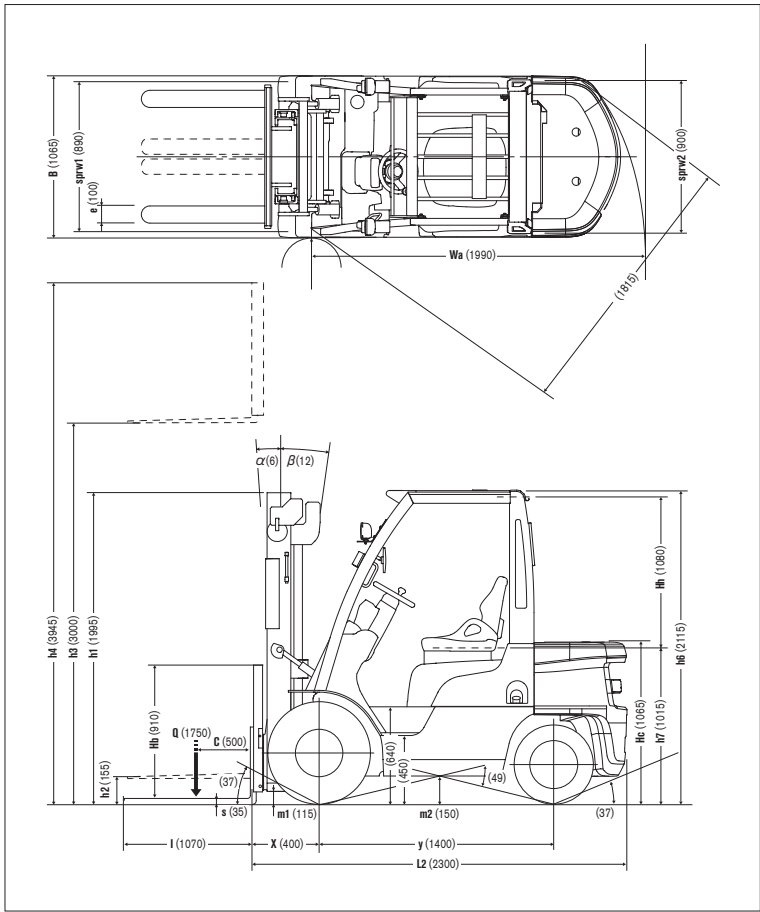
Mast type	Mast name	Max. fork Height	Overall height			Free lift		Front overhang	Tilt angle	Capacity	
			Fully lowered	Fully extended		Without backrest	With STD backrest			Single tire Load center 500mm	Double tire Load center 500mm
				Without backrest	With STD backrest						
		mm	mm	mm	mm	mm	mm	deg	kg	kg	
Two stage (Wide view 2W)	2W 300	3000	1995	3580	3945	155	155	400	6/12	1500	
	2W 330	3300	2145	3880	4245				6/12	1500	
	2W 350	3500	2280	4080	4445				6/12	1500	
	2W 370	3700	2405	4280	4645				6/12	1500	
	2W 400	4000	2595	4580	4945				6/12	1500	
	2W 450	4500	2845	5080	5445				6/ 6	1450	
	2W 500	5000	3095	5580	5945				6/ 6	1300	1400
Two stage (Full free 2F)	2F 300	3000	1995	3580	3945	1450	1085	400	6/10	1500	
	2F 330	3300	2145	3880	4245	1600	1235		6/10	1500	
	2F 350	3500	2280	4080	4445	1735	1370		6/10	1500	
	2F 370	3700	2405	4280	4645	1860	1495		6/10	1500	
	2F 400	4000	2595	4580	4945	2050	1685		6/10	1500	
Three stage (Full free 3F)	3F 385	3850	1845	4430	4795	1300	935	400	6/ 6	1500	
	3F 430	4300	1995	4880	5245	1450	1085		6/ 6	1400	
	3F 475	4750	2145	5330	5695	1600	1235		6/ 6	1350	
	3F 515	5150	2280	5730	6100	1735	1370		6/ 6	1300	
	3F 550	5500	2405	6080	6445	1860	1495		6/ 6	1200	1250
	3F 600	6000	2595	6580	6945	2050	1685		6/ 6	700	1050
	*3F 650	6500	2845	7080	7445	2300	1935		6/ 6	*-	750
	*3F 700	7000	3095	7580	7945	2550	2185		6/ 6	*-	650

*Double tire only.

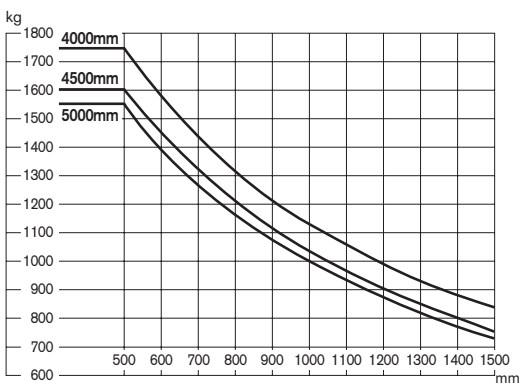
Main Truck Specifications

Item					1F1A15U/WU (1F1M15U/WU)	P1F1A15JU/DU	P1F1A15U/WU	F1F1A15U (F1F1M15U)		
SPECIFICATIONS	1	Manufacturer			Nissan	Nissan	Nissan	Nissan	1	
	2	Model			1F1A15U/WU (1F1M15U/WU)	P1F1A15JU/DU	P1F1A15U/WU	F1F1A15U (F1F1M15U)	2	
	3	Load capacity	Q Load lifted	kg	1500	1500	1500	1500	3	
	4	Load center	C Distance	mm	500	500	500	500	4	
	5	Power unit	Battery, diesel, Gasoline, LP gas		Gasoline / Gasoline・LPG	Gasoline / Gasoline・LPG	Gasoline / Gasoline・LPG	Diesel	5	
	6	Operator type	Walkie, rider / stand, rider / seat		Rider / seat	Rider / seat	Rider / seat	Rider / seat	6	
	7	Tire type	front / rear		Pneumatic	Pneumatic	Pneumatic	Pneumatic	7	
	8	Wheels (x=driven)	Number front / rear		2x / 2	2x / 2	2x / 2	2x / 2	8	
DIMENSIONS	9	Maximum fork height	h3 Standard lift height	mm	3000	3000	3000	3000	9	
	10	Free lift	h2 Standard free lift	mm	155	155	155	155	10	
	13	Fork size	s.e.l	mm	35×100×1070	35×100×1070	35×100×1070	35×100×1070	13	
		Max. Fork Spread		mm	900	900	900	900		
		Min. Fork Spread		mm	205	205	205	205		
	14	Tilt range	α / β Mast forward / backward		deg	6/12	6/12	6/12	14	
	15	Overall measurement	L2 Length to fork face	mm	2265	2265	2265	2265	15	
	16		B Overall width	mm	1065	1065	1065	1065	16	
	17		h1 Height mast fully lowered	mm	1995	1995	1995	1995	17	
	18		h4 Height mast fully extended	mm	3945	3945	3945	3945	18	
	19		h6 Height overhead guard	mm	2115	2115	2115	2115	19	
	20		h7 Height of driver's seat	mm	1015	1015	1015	1015	20	
	21		Turning radius (outside)	Wa	mm	1950	1950	1950	1950	21
	22	Load distance	X From center of front axle	mm	400	400	400	400	22	
	23	Right angle stacking aisle	Ast pallets (L×W) 1200×800/1000×1200		mm	3750 / 3550	3750 / 3550	3750 / 3550	23	
PERFORMANCE	24	Speeds	Traveling	full load	km/h	19.0	19.0	19.0	24	
	no load			km/h	19.0	19.0	19.0			
	Lifting		full load	mm/s	550	620	580	670	25	
			no load	mm/s	630	650	650	710		
	Lowering		full load	mm/s	500	500	500	500	26	
			no load	mm/s	500	500	500	500		
WEIGHTS	28	Max. drawbar pull	full load / no load		N	12300 / 10600 (10800 / 10600)	16500 / 11000	15200 / 11000	14200 / 10700 (14200 / 10700)	28
	29	Gradeability at 2km/h	full load / no load		tanθ(%)	26 / -	35 / -	35 / -	33 / -	29
	30	Max. gradeability	full load / no load		tanθ(%)	32 / 28	44 / 28	40 / 28	37 / 28	30
	32	Truck weight	no load		kg	2635	2635	2635	2690	32
CHASSIS & WHEELS	33	Weight distribution	full load	front / rear	kg	3610 / 525	3610 / 525	3610 / 525	3640 / 550	33
	no load		front / rear	kg	1145 / 1490	1145 / 1490	1145 / 1490	1175 / 1515	34	
	35		Number.	front / rear	each	2 / 2	2 / 2	2 / 2	2 / 2	35
	36	Tires	Size-front			6.50-10-10PR(I)	6.50-10-10PR(I)	6.50-10-10PR(I)	6.50-10-10PR(I)	36
	37		Size-rear			5.00-8-8-PR(I)	5.00-8-8-PR(I)	5.00-8-8-PR(I)	5.00-8-8-PR(I)	37
	38	Wheelbase	y		mm	1400	1400	1400	1400	38
	39	Tread	sprw 1/sprw 2	front / rear	mm	890 / 900	890 / 900	890 / 900	890 / 900	39
		Backrest height	Hb top of backrest - upper of fork face	mm	910	910	910	910		
		Overhead guard clearance	Hh	mm	1080	1080	1080	1080		
		Counter weight height	Hc	mm	1065	1065	1065	1065		
	40	Ground clearance	m1 Full load minimum mast	mm	115	115	115	115		40
	41		m2 Full load center of wheelbase	mm	150	150	150	150		41
	42	Service brake	Mechanical / hydraulic / electric / pneu			Hydraulic	Hydraulic	Hydraulic	Hydraulic	42
43	Parking brake	Foot / hand / seat switch			Hand	Hand	Hand	Hand	43	
DRIVE LINE	45	Battery	Voltage / Capacity (5 hour)		V/AH	12 / 27	12 / 27	12 / 27	12 / 60	45
	49	Internal Combustion engine	manufacturer / type			Nissan / K15 (Carburetor)	Nissan / K21 (ECCS)	Nissan / K21 (Carburetor)	MHI / S4Q2	49
	50		maximum engine rated power	KW	26	41	34	36	50	
	51		rated rpm	rpm	2450	2700	2200	2500	51	
	52		Number of cylinders / Displacement	/ cc	4/1486	4 / 2065	4 / 2065	4 / 2505	52	
55	Transmission	type			Automatic (Manual)	Automatic	Automatic	Automatic (Manual)	55	
		speed			1 / 1 (2 / 2)	1 / 1	1 / 1	1 / 1 (2 / 2)		
57	Operating pressure	for attachment (Side shift)	MPa	12.7	12.7	12.7	12.7	12.7	57	

Dimensions



Load Capacity Chart



No capacity reduction until 4000 mm height. Load capacities are computed with following conditions, a) Standard 2W Mast and b) Mast in vertical position.

Tire and Tread Specifications

Front Tire	Single	Double
Front Tire Size	6.50-10-10PR(I)	
Overall Width mm	1065	1480
Front Tread mm	890	1095

Ground Clearance

Under mast	mm	115
Under power unit	mm	135
Under frame	mm	150

Mast Specifications & Rated Capacities

1F1A18U, 1F1A18WU, P1F1A18JU, P1F1A18DU, P1F1A18U, P1F1A18WU, F1F1A18U

Mast type	Mast name	Max. fork Height mm	Overall height			Free lift		Front overhang mm	Tilt angle Forward/ Backward deg	Capacity	
			Fully lowered mm	Without backrest mm	With STD backrest mm	Without backrest mm	With STD backrest mm			Single tire Load center 500mm kg	Double tire Load center 500mm kg
Two stage (Wide view 2W)	2W 300	3000	1995	3615	3945	155	155	400	6/12	1750	
	2W 330	3300	2145	3915	4245				6/12	1750	
	2W 350	3500	2280	4115	4445				6/12	1750	
	2W 370	3700	2405	4315	4645				6/12	1750	
	2W 400	4000	2595	4615	4945				6/12	1750	
	2W 450	4500	2845	5115	5445				6/ 6	1600	
	2W 500	5000	3095	5615	5945				6/ 6	1550	
Two stage (Full free 2F)	2F 300	3000	1995	3650	3945	1380	1085	400	6/10	1750	
	2F 330	3300	2145	3950	4245	1530	1235		6/10	1750	
	2F 350	3500	2280	4150	4445	1665	1370		6/10	1750	
	2F 370	3700	2405	4350	4645	1790	1495		6/10	1750	
	2F 400	4000	2595	4650	4945	1980	1685		6/10	1750	
Three stage (Full free 3F)	3F 385	3850	1845	4500	4795	1230	935	400	6/ 6	1700	
	3F 430	4300	1995	4950	5245	1380	1085		6/ 6	1600	
	3F 475	4750	2145	5400	5695	1530	1235		6/ 6	1500	
	3F 515	5150	2280	5805	6100	1665	1370		6/ 6	1350	1450
	3F 550	5500	2405	6150	6445	1790	1495		6/ 6	1250	1350
	3F 600	6000	2595	6650	6945	1980	1685		6/ 6	750	1200
	*3F 650	6500	2845	7150	7445	2230	1935		6/ 6	*-	800
	*3F 700	7000	3095	7650	7945	2480	2185		6/ 6	*-	700

*Double tire only.

Main Truck Specifications

Item				1F1A18U/WU	P1F1A18JU/DU	P1F1A18U/WU	F1F1A18U	
SPECIFICATIONS	1	Manufacturer		Nissan	Nissan	Nissan	Nissan	1
	2	Model		1F1A18U/WU	P1F1A18JU/DU	P1F1A18U/WU	F1F1A18U	2
	3	Load capacity	Q Load lifted	kg	1750	1750	1750	3
	4	Load center	C Distance	mm	500	500	500	4
	5	Power unit	Battery, diesel, Gasoline, LP gas	Gasoline / Gasoline·LPG	Gasoline / Gasoline·LPG	Gasoline / Gasoline·LPG	Diesel	5
	6	Operator type	Walkie, rider / stand, rider / seat	Rider / seat	Rider / seat	Rider / seat	Rider / seat	6
	7	Tire type	front / rear	Pneumatic	Pneumatic	Pneumatic	Pneumatic	7
	8	Wheels (x=driven)	Number front / rear		2x / 2	2x / 2	2x / 2	8
DIMENSIONS	9	Maximum fork height	h3 Standard lift height	mm	3000	3000	3000	9
	10	Free lift	h2 Standard free lift	mm	155	155	155	10
	13	Fork size	s.e.l	mm	35×100×1070	35×100×1070	35×100×1070	13
		Max. Fork Spread		mm	900	900	900	
		Min. Fork Spread		mm	205	205	205	
	14	Tilt range	α / β Mast forward/backward	deg	6 / 12	6 / 12	6 / 12	14
	15	Overall measurement	L2 Length to fork face	mm	2300	2300	2300	15
	16		B Overall width	mm	1065	1065	1065	16
	17		h1 Height mast fully lowered	mm	1995	1995	1995	17
	18		h4 Height mast fully extended	mm	3945	3945	3945	18
	19		h6 Height overhead guard	mm	2115	2115	2115	19
	20		h7 Height of driver's seat	mm	1015	1015	1015	20
	21	Turning radius (outside)	Wa	mm	1990	1990	1990	21
	22	Load distance	X From center of front axle	mm	400	400	400	22
	23	Right angle stacking aisle	Ast pallets (L×W) 1200×800/1000×1200	mm	3790 / 3590	3790 / 3590	3790 / 3590	23
PERFORMANCE	24	Traveling	full load	km/h	19.0	19.0	19.0	24
			no load	km/h	19.0	19.0	19.0	
	25	Lifting	full load	mm/s	550	620	580	25
			no load	mm/s	630	650	710	
	26	Lowering	full load	mm/s	500	500	500	26
			no load	mm/s	500	500	500	
	28	Max. drawbar pull	full load / no load	N	12300 / 11300	16500 / 11800	15200 / 11800	28
	29	Gradeability at 2km/h	full load / no load	tanθ(%)	25 / -	35 / -	32 / -	29
WEIGHTS	30	Max. gradeability	full load / no load	tanθ(%)	30 / 24	41 / 24	38 / 24	30
	32	Truck weight	no load	kg	2835	2835	2835	32
	33	Weight distribution	full load front / rear	kg	3980 / 605	3980 / 605	3980 / 605	33
	34		no load front / rear	kg	1105 / 1730	1105 / 1730	1105 / 1730	34
	35		Number. front / rear	each	2 / 2	2 / 2	2 / 2	35
	36	Tires	Size-front		6.50-10-10PR(I)	6.50-10-10PR(I)	6.50-10-10PR(I)	36
	37		Size-rear		5.00-8-8-PR(I)	5.00-8-8-PR(I)	5.00-8-8-PR(I)	37
	38	Wheelbase	y	mm	1400	1400	1400	38
CHASSIS & WHEELS	39	Tread	sprw 1/sprw 2 front / rear	mm	890 / 900	890 / 900	890 / 900	39
		Backrest height	Hb top of backrest - upper of fork face	mm	910	910	910	
		Overhead guard clearance	Hh	mm	1080	1080	1080	
		Counter weight height	Hc	mm	1065	1065	1065	
	40	Ground clearance	m1 Full load minimum mast	mm	115	115	115	40
	41		m2 Full load center of wheelbase	mm	150	150	150	41
	42	Service brake	Mechanical / hydraulic / electric / pneu		Hydraulic	Hydraulic	Hydraulic	42
	43	Parking brake	Foot / hand / seat switch		Hand	Hand	Hand	43
DRIVE LINE	45	Battery	Voltage / Capacity (5 hour)	V/AH	12 / 27	12 / 27	12 / 27	45
	49	Internal Combustion engine	manufacturer / type		Nissan / K15 (Carburetor)	Nissan / K21 (ECCS)	Nissan / K21 (Carburetor)	49
	50		maximum engine rated power	KW	26	41	36	50
	51		rated rpm	rpm	2450	2700	2200	51
	52		Number of cylinders / Displacement	/ cc	4 / 1486	4 / 2065	4 / 2065	52
	55	Transmission	type		Automatic	Automatic	Automatic	55
			speed		1 / 1	1 / 1	1 / 1	
	57	Operating pressure	for attachment (Side shift)	MPa	12.7	12.7	12.7	57



Multifunctional LCD Meter

The large, easy-to-see Multifunctional LCD Meter lets the operator check on all aspects of operational status at a glance. The many functions such as the Speedometer, Self-diagnosis System, PIN Access and Service Reminder System ease truck operation and maintenance.



Power/Eco Selector (Standard on ECCS models)

A quick press of the switch to ECO mode provides low noise, a 17% reduction in fuel consumption* and reduction of tire wear compared to POWER mode.

*Nissan Forklift figures
*Performance figures may vary depending on the actual working conditions.

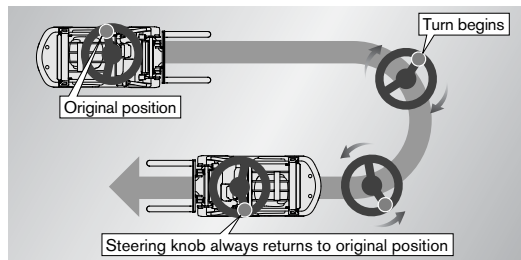


Speed Selector (Option for ECCS models)

Select maximum speed settings based on operator skill level, or the truck operation characteristics of your operations.

Steering Synchronizer (Option)

A sensor checks the steering and tire angle so the steering knob always returns to original position. This function helps ensure the accurate and consistent coordination of steering wheel and tires, for precise steering.



Tilt Leveling System (Option)



A simple press of a button on the mast control lever brings the forks automatically to the horizontal position—a great aid for new operators.

LPG Swing-down Bracket (Option)

This ergonomically designed swing-down bracket greatly assists in for the lifting and lowering of tanks. A new and improved design also provides better rearward visibility (available on all LPG-powered models).



Option Availability for 1F Series

Standard ☒ Option ☐

Item		(P)1F1 15-18 Gasoline				F1F1 15-18 Diesel
		ECCS Gasoline	ECCS Dual	Carburetor Gasoline	Carburetor Dual	
Truck management	VCM	●	●	●	●	●
	Power train floating	●	●	●	●	●
Powertrain	ECCS	●	●	—	—	—
	Carburetor type	—	—	●	●	—
	Speed Selector	○	○	—	—	—
	Power / Eco Selector	●	●	—	—	—
	Radiator screen	○	○	○	○	○
	3-way catalytic muffler	●	●	—	—	—
	Diesel Particulate Filter (DPF)	—	—	—	—	○
LPG system* (Dual fuel)	Overhead exhaust muffler	○	○	○	○	○
	Complete system	—	○	—	○	—
	Swing-back bracket	—	○	—	○	—
	Swing-open bracket	—	○	—	○	—
Instruments	Swing-down bracket	—	○	—	○	—
	Multifunctional LCD Meter	●	●	●	●	●
	Directional indicator, Fuel & water temperature gauges, Multifunction display (hour meter, clock/calendar, speedometer, service reminder, warming indicators), PIN Access, Self-diagnosis System	●	●	●	●	●
	Back-up buzzer	●	●	●	●	●
	Parking brake warnig buzzer	●	●	●	●	●
Light	Head lights (without guard)	●	●	●	●	●
	Rear combination lamps	○	○	○	○	○
	Rear working light	○	○	○	○	○
	Rotating light(yellow)	○	○	○	○	○
Tires	J-lug tires (Textile)	●	●	●	●	●
	Solid tires	○	○	○	○	○
	AirBoss tires**	○	○	○	○	○
	Double tires	○	○	○	○	○
Body	Rain guard (Vinyl type)	○	○	○	○	○
	Rain guard (Resin type)	○	○	○	○	○
	Canvas cabin	○	—	○	—	○
	Rearview mirrors (both sides)	○	○	○	○	○
Seat	Windshield	○	○	○	○	○
	Restraint seat with suspension	●	●	●	●	●
Mast	Without Seat	○	○	○	○	○
	2W mast	●	●	●	●	●
	2F mast	○	○	○	○	○
	3F mast	○	○	○	○	○
	Without mast	○	○	○	○	○
	Tilt cylinder cover	○	○	○	○	○
	Tilt cylinder boot	○	○	○	○	○
Steering system	Tilt Leveling System	○	○	○	○	○
	Small-diameter steering wheel with tilt adjustment	●	●	●	●	●
Hydraulic control system	Steering Synchronizer	○	○	○	○	○
	2 spool valve	●	●	●	●	●
	3 spool valve	○	○	○	○	○
	4 spool valve	○	○	○	○	○
	Single control lever	○	○	○	○	○
	Double control lever	●	●	●	●	●
	FINGERTIP control (single type)****	—	—	—	—	—
	FINGERTIP control (double type)****	—	—	—	—	—
	3 spool piping to carriage	○	○	○	○	○
	4 spool piping to carriage	○	○	○	○	○
Carriage & Backrest	Smooth-run System	○	○	○	○	○
	Wide carriage	○	○	○	○	○
	ANSI type high backrest	○	○	○	○	○
	ANSI type Wide and high backrest	○	○	○	○	○
Fork	Without backrest	○	○	○	○	○
	Long forks***	○	○	○	○	○
	Extension forks	○	○	○	○	○
Tool kit	Without forks	○	○	○	○	○
	Tool kit	○	○	○	○	○
Label	Tool kit with jack	○	○	○	○	○
	English	●	●	●	●	●
	German	○	○	○	○	○
	French	○	○	○	○	○
	Spanish	○	○	○	○	○

* : Swing-back type is standard
** : AirBoss tire is registered by AirBoss of Australia
*** : Refer to Fork availability
**** : Available on 2.0 to 2.5ton models with 2W and 3F masts.