



Doosan Infracore
Forklifts

PRO5
SERIES



B15S / B18S-5
3,000lb(1,500kg) to 3,500lb(1,750kg)
Capacity
48 VOLT
Pneumatic Tire



BC15S / BC18S-5 / BC20SC-5
3,000lb(1,500kg) to 4,000lb(2,000kg)
Capacity
36/48 VOLT
Cushion Tire

Full Product Line

Doosan offers a full line of lift trucks from 3,000lb(1,500kg) to 36,000lb(16,000kg) pounds to fill all your material handling needs. Contact your dealer for specific information on our various models and configurations.

Complete Distribution Network

Doosan lift trucks are sold and serviced by 95 dealers at over 200 locations in the U.S and Canada. Call us at 1-800-323-9662 for the location of a dealer near you, or visit us at www.doosanlift.com

For corporate information go to :
www.dhiac.com

4 Wheel Electric Forklift Trucks

B15S / B18S-5
BC15S / BC18S-5 & BC20SC-5
3,000lb to 4,000lb Capacity



PRO5
SERIES



PSC0703A2 (Mar.2007)



Doosan Infracore
Forklifts

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AUTHORIZED DEALER

Product and specifications are subject to improvement and change without notice.

A Customer-Driven Design... Aimed at Surpassing Customer Expectations



Our Doosan design team focused on performance, productivity and energy efficiency in developing our new B/BC18S PRO5 series.

By providing full AC control of both drive and hydraulic systems, these units provide the following productivity package advantages:

- **Faster** travel and lift **speeds** to ensure peak performance
- **Energy** consumption **efficiency** that translates into more run time per battery charge
- Closed loop speed control system that maintains **consistent** operating **speeds** whether truck is loaded or not
- **Easily programmable** performance selection that optimizes productivity while conserving energy
- **Enhanced driver awareness** of all operating and performance characteristics of the machine to enable ongoing productive operation throughout the shift
- **Reduced operating costs** achieved by the elimination of motor brushes, commutators, directional & hydraulic contactors which reduces maintenance and increases uptime

These hard-working Doosan electrics will meet your toughest application challenges including ramps, grades and rough underfoot conditions, and provide you with a complete package of speed power and efficiency to meet your material handling needs.

Productivity Comes Standard!



Productivity Comes Standard

The bottom line for evaluating a lift truck is PRODUCTIVITY.... and that's where the Pro5 Series really stands out. Productivity of an electric truck is a combination of speed, control and energy consumption --- which have all been achieved through several exclusive Doosan design innovations.

• DOOSAN Exclusive ACT (Active Control Technology)

This innovative system provides several productivity advantages:



- Active Performance Control : self-adjusts performance criteria to changes in operating conditions
- Active Energy control : maintains consistent performance through 80% of battery charge life
- Active Comfort Control : customizes operating parameters to match driver's style for increased comfort, confidence & control
- Active Travel Control : optical pulse steering angle sensor controls the travel speed while turning
- Active Heat Control : system self protects when overheating detected to correct temperature imbalance

• Operator-Centric Performance Selection

Operator controls the truck's performance capability and can optimize productivity and battery consumption rate to match application requirements.



- H-mode (High Performance)
- S-mode (Standard Performance)
- E-mode (Energy Efficient Performance)
- Turtle mode (Reduces Travel Speed while maintaining lift speed)

• More Work per Battery Charge

Programmable operating functions customize truck performance for energy efficiency to achieve more run time per battery charge.

• ITC (Intelligent Torque Control)

Closed-loop feedback system monitors loads on drive and hydraulic motors to maintain speed consistency whether the truck is empty or loaded.

It also provides :

- Responsive Acceleration
- Excellent Gradeability
- Full protection against short /open circuits
- Continuous temperature monitoring of panel and motors to maximize material handling productivity.



DRIVE THE DIFFERENCE

Oil Cooled Disc Brakes
Active Control Technology
EQUIPPED

15

DRIVE DOOSAN !

Operator Friendly DesignGuarantees Friendly Operators!



DRIVE THE DIFFERENCE...

A COMFORTABLE OPERATOR ENHANCES TRUCK PERFORMANCE

Our ergonomically designed and spacious operator compartment combined with a variety of operational enhancements will facilitate ease of operation and help boost output in any application.

Operator friendly features include:



● Intelligent Instrument and Control Panel

The combination of LED and LCD instrument display intelligently provides operators with the vehicle's operational readiness at a glance, including diagnostics and programmable settings.



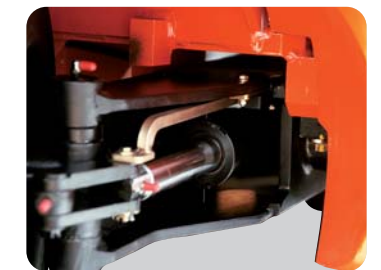
● Spacious Operator Compartment

Designed for comfort, with enhanced pedal positions, an infinitely adjustable steering column, deck mounted hydraulic levers, and increased foot room all add up to a more productive operator.



● High Visibility Overhead Guard and Front-end

Wider mast window, repositioned hydraulic hoses and flat bar style overhead guard optimizes operator sight lines forward, up and to the load.



● Steering Angle Sensor

Communicates information back to LCD display informing operator of steer axle angle and activates main logic to control drive motor speed. It informs the operator of steer wheel angle at all times and compensates truck travel speed through the differential drive during aggressive cornering.



● Deluxe Suspension Seat with OSS (Operator Sensing System)

A comfortable deluxe suspension seat with OSS(operator sensing system), a large seatback angle, longer seat travel length and operator's weight resistance on front side allow multiple adjustments for optimum seating comfort.



● Finger-tip Controlled Hydraulic Control Valve(Optional)

Permits precise controlled load movement by literally lifting only a finger to significantly reduce operator movement and expended effort. It is engaged with lift and tilt locking when the operator leaves seat or puts key in 'OFF' position.

DRIVE DOOSAN !

Designed to Handle the toughest Applications without Compromising Serviceability ease.



DRIVE THE DIFFERENCE...

A HALLMARK OF DURABILITY, RELIABILITY AND SERVICEABILITY

Doosan's goal is to make your material handling organization as efficient and reliable as possible. The durability and reliability of our B/BC18S series will aid in minimizing your truck down time and will help reduce total maintenance cost.



● Maintenance Free Electric Motors

Our innovative AC technology of drive and hydraulic motors eliminates motor brushes, commutators and directional contactors, thus reducing maintenance and decreasing overall operating costs. The large, 10kw drive motor provides outstanding power capability throughout the operating shift.



● Run Time and Trouble shooting Diagnostics

Our truck talks to you !
The controller provides both run-time and trouble-shooting diagnostic capability to tell you the source of a problem so it can be corrected quickly and easily. In addition all controller programming can be locked in to guard against tampering.

● Oil- Cooled Disc Brakes(ODB)

Virtually maintenance-free, ODB is standard equipment on the PRO5 Series,B(C)18S-5. The enclosed brake system eliminates outside contamination significantly extending the brake life up to 5 times longer when compared to conventional shoe brakes. That's why they come with our industry exclusive 5year / 10,000 hour warranty.

● Monitoring and maintenance are based on a User friendly interface with service program windows.

- Calibration of power
- Test menu section
- Data logging
- Flash programming
- Troubleshooting

● Rugged and Durable Transaxle

A full floating drive axle combines with the rugged AC drive motor to form a highly efficient transaxle.

This rugged and durable design is made to handle high impact loading without damage. The transaxle effectively transfers the power and torque of the drive motor to the final drive for both smooth and quiet operation.



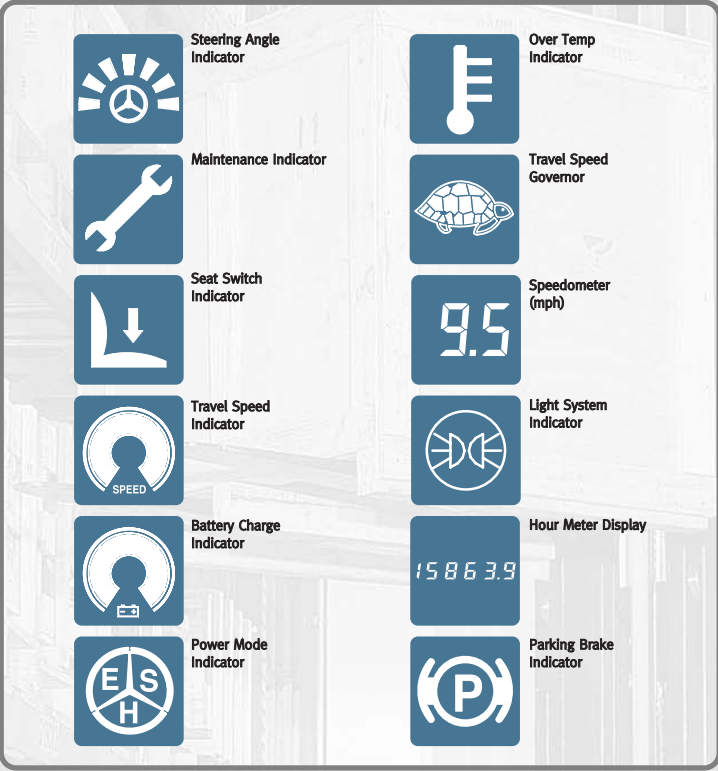
DRIVE DOOSAN !

Intelligent Instrument and Control Panels

... at the head of the class !



The combination of LED displays and 7-digit graphic LCD display intelligently provides operators with all the details they need, including operational information, diagnostics, and programmable settings. The 4 display buttons offers a choice of four power modes; heavy duty, standard duty, economic duty and slow travel speed mode. Standard instrument images are displayed at the right.



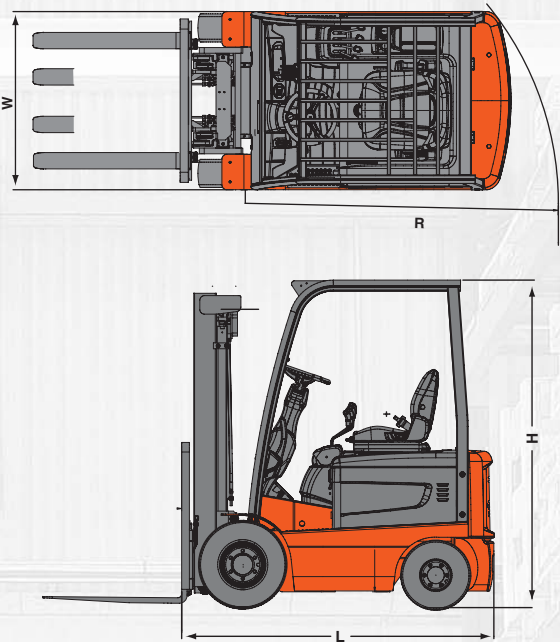
AC Controller has power to spare

The Command Center of the B/BC18S PRO 5 Series is our AC Controller consisting of a main logic board and independent power modules with direct links to drive motor and the hydraulic motor to manage, direct and monitor every operating system on the truck. This control unit regulates and monitors the following functions :



- f Anti-Roll Back and Anti-Roll Down with adjustable ramp stop time
- f Regenerative Braking
- f Electrically Assisted Braking
- f Static Return to Off (SRO)
- f Drive Speed Compensation (Load/Unload)
- f Drive Speed Acceleration/Deceleration/Reduction
- f Continuous Lift Speed Control/ Pump Motor Speed Compensation
- f Battery Discharge Indicator with Adjustable Reset Value
- f Over Temperature Protection for power modules and Motors

- f Low and High Voltage Limit
- f Diagnostics and Stored Error Codes
- f Power Line Fault Detection (Fuse/Contactor)
- f Continuous Temperature Measuring (Controller, Motor)
- f Full Protection against Short or Open Circuits



Option Availability

Options	● : Standard ○ : Optional	
	B15/18S-5	BC15/18/20SC-5
Emergency Switch	X	○
Cold Storage Package	○	○
Non-Marking Tires	○	○
Mono Ped Foot Direction and Acceleration Control	○	○
Roll In & Out Battery Compartment	X	○
Operator Cabin	○	○
Heater	○	○
Finger Tip Control	X	○
Finger Tip Arm Rest & Front, Rear Lever	X	○
Drive in Rack Overhead Guard	X	○
Lift and Tilt Locking Hydraulic Control Valve	●	●
Auto Tilt Leveling	○	○
Multi Function Switch	○	○
Direction Lever	○	○
Rear Grab Bar with Horn	X	○
Pneumatic Tire	○	X
UL E,ES Rating	X	●

Main Specification

Sales Model		B15S-5	B18S-5
Rated Load Capacity	lb(kg)	3,000(1,500)	3,500(1,750)
Load Center	in(mm)	24(500)	24(500)
Truck Overall Width	W in(mm)	42.9(1,090)	42.9(1,090)
Overall Length to Fork Face	L in(mm)	77.6(1,970)	79.5(2,020)
Height of Overhead Guard	H in(mm)	83.5(2,120)	83.5(2,120)
Minimum Turning Radius	R in(mm)	71.9(1,825)	73.0(1,855)
Wheelbase	in(mm)	49.2(1,250)	49.2(1,250)
Travel Speed, Loaded	mph(km/h)	10.6(17.0)	10.6(17.0)
Lifting Speed, Loaded	fpm(mm/s)	78.7(400)	78.7(400)
Drive Motor (1 Hour rating)	HP(kW)	13.4(10)	13.4(10)
Hydraulic Motor (15% Duty)	HP(kW)	16.1(12)	16.1(12)
Battery Compartment Sizes(W x L x H)	in(mm)	39.8 x 28.6 x 18.5 (1,010 x 727 x 470)	
System Voltage	V	48	48

Sales Model		BC15S-5		BC18S-5		BC20SC-5	
Rated Load Capacity	lb(kg)	3,000(1,500)		3,500(1,750)		4,000(2,000)	
Load Center	in(mm)	24 (500)		24 (500)		24 (500)	
Truck Overall Width	W in(mm)	37.2 (945)		37.2 (945)		39 (991)	
Overall Length to Fork Face	L in(mm)	76.1 (1,933)		77.7 (1,973)		79.9 (2,028)	
Height of Overhead Guard	H in(mm)	86.8 (2,207)		86.8 (2,207)		86.8 (2,207)	
Minimum Turning Radius	R in(mm)	48.0 (1,220)		48.0 (1,220)		48.0 (1,220)	
Wheelbase	in(mm)	69.3 (1,760)		70.0 (1,778)		71.2 (1,808)	
Travel Speed, Loaded	mph(km/h)	8.7 (14)	10.6(17)	8.7 (14)	10.6(17)	8.7 (14)	10.6(17)
Lifting Speed, Loaded	fpm(mm/s)	73 (370)	79(400)	69 (370)	79(400)	63 (320)	79(400)
Drive Motor (1 Hour rating)	HP(kW)	13.4 (10)		13.4 (10)		13.4 (10)	
Hydraulic Motor (15% Duty)	HP(kW)	16.1 (12)		16.1 (12)		16.1 (12)	
Battery Compartment Sizes(W x L x H)	in(mm)	35.8 x 27.4 x 24.1 (909 x 695 x 613)					
System Voltage	V	36	48	36	48	36	48



Doosan Infracore
Forklifts

TECHNICAL SPECIFICATIONS

4 Wheels Electric Forklift Trucks

B15S / B18S-5

BC15S / BC18S-5 & BC20SC-5

3,000lb to 4,000lb Capacity

PRO5
S E R I E S



3,000/3,500 lb Capacities

4 Wheel Electric Forklift Trucks

MAIN VEHICLE SPECIFICATIONS

CHARACTERISTICS	1	Manufacture			DOOSAN	DOOSAN
	2	Model			B15S-5	B18S-5
	3	Load Capacity	at rated load center	lb(kg)	3,000(1,500)	3,500(1,750)
	4	Load Center		in(mm)	24(500)	24(500)
	5	Power type			AC electric	AC electric
	6	Operator type			driver seated	driver seated
	7	Tire type	P:Pnu, E:Solid Soft, C: Cush		P,E	P,E
	8	Wheels (x=Driven)			x2 / 2	x2 / 2
DIMENSIONS	9	Max. Fork Height	with STD 2-stage mast	in(mm)	118.1(3,000)	118.1(3,000)
	10	Free Lift		in(mm)	5.1(130)	5.1(130)
	12	Fork Carriage	ISO Class		II	II
	13	Forks	Length x Width x Thickness	in(mm)	35.4x3.9x1.4(900x100x35)	35.4x3.9x1.4(900x100x35)
			Fork Spacing(Min x Max)	in(mm)	240x905	240x905
	14	Tilt of Mast	Forward/Backward	deg	6 / 10	6 / 10
	15	Overall Dimensions	Length to Fork Face	in(mm)	77.6(1,970)	79.5(2,020)
			Overall Width	in(mm)	42.9(1,090)	42.9(1,090)
			Mast Lowered Height	in(mm)	79.3(2,015)	79.3(2,015)
			Mast Extended Height	in(mm)	159.4(4,050)	159.4(4,050)
			Overhead Guard Height	in(mm)	83.5(2,120)	83.5(2,120)
			Seat Height	in(mm)	41.7(1,060)	41.7(1,060)
	21	Turning Radius	Minimum outside	in(mm)	71.9(1,825)	73.0(1,855)
	22	Load Moment Center		in(mm)	15.5(394)	15.5(394)
	23	Aisle 90 degree stacking(add load length & clearance)		in(mm)	87.4(2,219)	88.5(2,249)
PERFORMANCE	24	Travel Speed	Loaded/Unloaded	48V mph(km/h)	10.6(17.0) / 10.6(17.0)	10.6(17.0) / 10.6(17.0)
	25	Lifting Speed	Loaded/Unloaded	48V fpm(mm/s)	78.7(400) / 118.1(600)	78.7(400) / 118.1(600)
	26	Lowering Speed	Loaded/Unloaded	fpm(mm/s)	98.4(500) / 88.6(450)	98.4(500) / 88.6(450)
	28	Max. drawbar pull	Loaded (5 min. rating)	lb(kg)	2,358.9(1,070)	2,403.0(1,090)
	30	Max. gradeability	Loaded (5 min. rating)	(%)	24	22
	32	Total Service Weight	with minimum weight of battery	lb(kg)	6,805.7(3,087)	7,376.7(3,346)
WEIGHT	33	Axle Load at Loaded	Front/Rear	lb(kg)	8,803.0(3,993) / 1,309.5(594)	9,702.5(4,401) / 1,532.2(695)
	34	Axle Load at Unloaded	Front/Rear	lb(kg)	3,130.6(1,420) / 3,675.1(1,667)	3,084.3(1,399) / 4,292.4(1,947)
	35					
CHASSIS	36	Tires	Number of wheels(F/R)		2 / 2	2 / 2
			Size, Front	in(mm)	6.50-10	6.50-10
			Size, Rear	in(mm)	5.00-8	5.00-8
	38	Wheel Base	Distance	in(mm)	49.2(1,250)	49.2(1,250)
	39	Tread Width	Front	in(mm)	35.0(890)	35.0(890)
			Rear	in(mm)	35.0(890)	35.0(890)
	40	Ground Clearance	at the lowest point	in(mm)	3.7(95)	3.7(95)
			at center of wheelbase	in(mm)	3.7(95)	3.7(95)
	42	Brakes	Service		Foot / Hyd	Foot / Hyd
			Parking		Hand / Mech	Hand / Mech
POWER TRAIN	45	Battery	Type		lead-acid	lead-acid
			Max. Capacity (5 Hours)	AH	450	500
			Battery compartment sizes(WxLxH)	in(mm)	39.8x28.6x18.5(1,010x727x470)	39.8x28.6x18.5(1,010x727x470)
			Weight(Minimum)	lb(kg)	1,763.7(800)	1,962.1(890)
	47	Electric Motors	Drive motor(1 HR Rating)	48V HP(kW)	13.4(10)	13.4(10)
	48		Hyd. Motor(15% Duty)	48V HP(kW)	16.1(12)	16.1(12)
	54	Control Type	with electric drive		MOSFET Inverter	MOSFET Inverter
	57	Relief Pressure	System	psi(bar)	2885.5(199)	2885.5(199)
			Attachment	psi(bar)	2,030.0(140)	2,030.0(140)
		Noise Level	Leq@operator's ear-empty travel	dB(A)	68	68

Note: Specification values quoted in this specification sheet has been rounded. Performance may vary due to operation conditions.
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3,000/3,500/4,000 lb Capacities

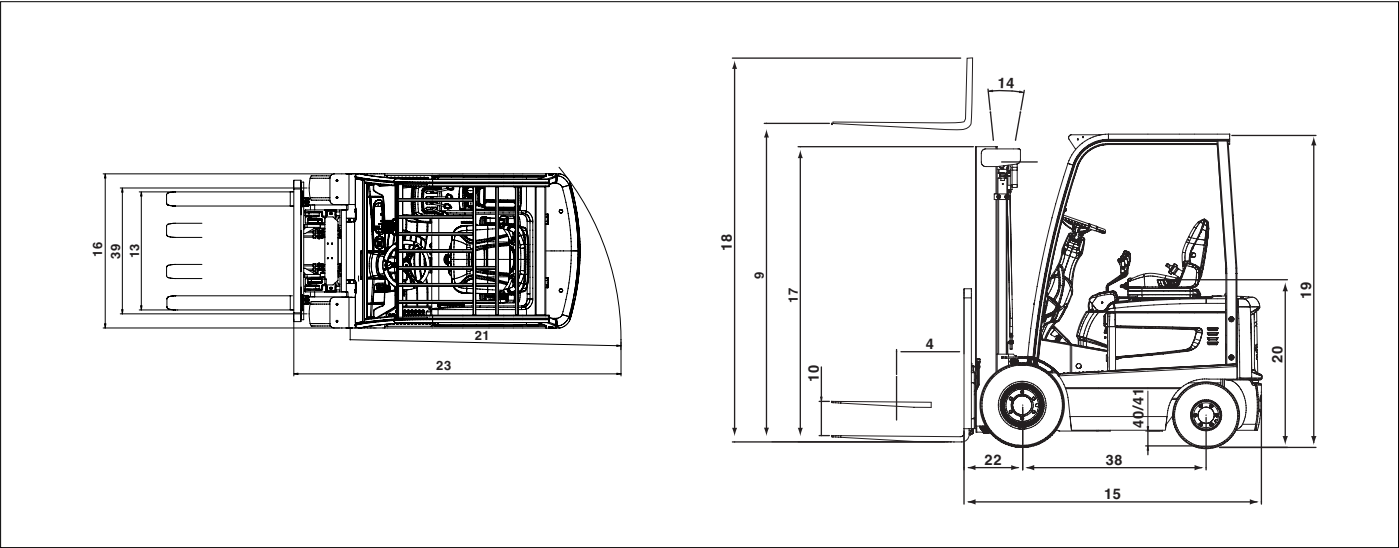
4 Wheel Electric Forklift Trucks

MAIN VEHICLE SPECIFICATIONS

CHARACTERISTICS	1	Manufacture			DOOSAN	DOOSAN	DOOSAN
	2	Model			BC15S-5	BC18S-5	BC20SC-5
	3	Load Capacity	at rated load center	lb(kg)	3,000(1,500)	3,500(1,750)	4,000(2,000)
	4	Load Center		in(mm)	24 (500)	24 (500)	24 (500)
	5	Power type			AC Electric	AC Electric	AC Electric
	6	Operator type			Driver seated	Driver seated	Driver seated
	7	Tire type	P:Pnu, E:Solid Soft, C: Cush		C	C	C
	8	Wheels (x=Driven)			x 2 / 2	x 2 / 2	x 2 / 2
DIMENSIONS	9	Max. Fork Height	with STD 2-stage mast	in(mm)	130 (3,300)	130 (3,300)	130 (3,300)
	10	Free Lift		in(mm)	5.1(130)	5.1(130)	5.3(135)
	12	Fork Carriage	ISO Class		II	II	II
	13	Forks	Length x Width x Thickness	in(mm)	41X4X1.4 (1,050X100X35)	41X4X1.4 (1,050X100X35)	41X4X1.5 (1,050X100X40)
			Fork Spacing(Min x Max)	in(mm)	9.4X35.6 (240X905)	9.4X35.6 (240X905)	9.4X35.6 (240X905)
	14	Tilt of Mast	Forward/Backward	deg	6 / 8	6 / 8	6 / 8
	15	Overall Dimensions	Length to Fork Face	in(mm)	76.1 (1,933)	77.7 (1,973)	79.9 (2,028)
	16		Overall Width	in(mm)	37.2 (945)	37.2 (945)	39.0 (991)
	17		Mast Lowered Height	in(mm)	83.9 (2,130)	83.9 (2,130)	83.9 (2,130)
	18		Mast Extended Height	in(mm)	171.1 (4,345)	171.1 (4,345)	171.1 (4,345)
	19		Overhead Guard Height	in(mm)	86.8 (2,207)	86.8 (2,207)	86.8 (2,207)
	20		Seat Height	in(mm)	44.7 (1,135)	44.7 (1,135)	44.7 (1,135)
	21	Turning Radius	Minimum outside	in(mm)	69.3 (1,760)	70.0 (1,778)	71.2 (1,808)
	22	Load Moment Center		in(mm)	15.5 (394)	15.5 (394)	15.7 (399)
	23	Aisle 90 degree stacking(add load length & clearance)		in(mm)	84.8 (2,154)	85.5 (2,172)	86.9 (2,207)
PERFORMANCE	24	Travel Speed	Loaded/Unloaded	36V	mph(km/h)	8.7 / 9.3(14.0 / 15.0)	8.7 / 9.3(14.0 / 15.0)
			Loaded/Unloaded	48V	mph(km/h)	10.6 / 10.6(17.0 / 17.0)	10.6 / 10.6(17.0 / 17.0)
	25	Lifting Speed	Loaded/Unloaded	36V	fpm(mm/s)	73 / 108(370 / 550)	63 / 108(320 / 550)
			Loaded/Unloaded	48V	fpm(mm/s)	79 / 118(400 / 600)	79 / 118(400 / 600)
	26	Lowering Speed	Loaded/Unloaded		fpm(mm/s)	98.4 / 88.6(500 / 450)	98.4 / 88.6(500 / 450)
	28	Max. drawbar pull	Loaded (5 min. rating)		lb(kg)	1,360 (630)	1,360 (630)
WEIGHT	30	Max. gradeability	Loaded (5 min. rating)		(%)	14	13
	32	Total Service Weight	with minimum weight of battery		lb(kg)	6,989 (3,170)	7,385 (3,350)
	33	Axle Load at Loaded	Front/Rear		lb(kg)	8,575 / 1,410(3,890 / 640)	9,413 / 1,477(4,270 / 670)
	34	Axle Load at Unloaded	Front/Rear		lb(kg)	3,097 / 3,891(1,405 / 1,765)	3,009 / 4,376(1,365 / 1,985)
	35	Tires	Number of wheels(F/R)		2 / 2	2 / 2	2 / 2
	36		Size, Front		18X6X12.1	18X6X12.1	18X7X12.12
CHASSIS	37		Size, Rear		14X5X10	14X5X10	14X5X10
	38	Wheel Base	Distance		in(mm)	48.0 (1,220)	48.0 (1,220)
	39	Tread Width	Front		in(mm)	31(787)	32(813)
			Rear		in(mm)	31(787)	31(787)
	40	Ground Clearance	at the lowest point		in(mm)	2.7 (68)	2.7 (68)
	41		at center of wheelbase		in(mm)	3.1 (80)	3.1 (80)
	42	Brakes	Service		Foot / Hyd	Foot / Hyd	Foot / Hyd
			Parking		Hand / Mech	Hand / Mech	Hand / Mech
POWER TRAIN	45	Battery	Type		lead-acid	lead-acid	lead-acid
			Max. Capacity (5 Hours)	36V	AH	880	880
				48V	AH	585	585
			Battery compartment sizes(WxLxH)		in(mm)	35.8X27.4X24.1(909X695X613)	35.8X27.4X24.1(909X695X613)
			Weight(Minimum)	36V	lb(kg)	1,850 (839)	1,850 (839)
				48V	lb(kg)	1,874 (850)	1,874 (850)
	47	Electric Motors	Drive motor(1 HR Rating)	36V	HP(kW)	13.4 (10)	13.4 (10)
				48V	HP(kW)	13.4 (10)	13.4 (10)
			Hyd. Motor(15% Duty)	36V	HP(kW)	16.1 (12)	16.1 (12)
				48V	HP(kW)	16.1 (12)	16.1 (12)
	54	Control Type	with electric drive		MOSFET Inverter	MOSFET Inverter	MOSFET Inverter
	57	Relief Pressure	System		psi(bar)	2,880(198.4)	3,125(215.3)
			Attachment		psi(bar)	2,250(155)	2,250(155)
		Noise Level	Leq		dB	68	68

Note: Specification values quoted in this specification sheet has been rounded. Performance may vary due to operation conditions.
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DIMENSIONAL DRAWING



MAST SPECIFICATIONS and RATED CAPACITIES

B15S-5

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities			
									B15S-5			
									Tilt Angle		Load Capacities	
					With Load Backrest		With Load Backrest		FWD	BWD	LC 500mm	LC 24in
STD	mm	in	mm	in	mm	in	mm	in	deg	deg	kg	lb
	3000	118.1	2015	79.3	4050	159.4	130	5.1	6	10	1500	3000
	3300	129.9	2165	85.2	4350	171.3	130	5.1	6	10	1500	3000
	3500	137.8	2265	89.2	4550	179.1	130	5.1	6	10	1500	3000
	3700	145.7	2365	93.1	4750	187.0	130	5.1	6	10	1500	3000
	4000	157.5	2565	101.0	5050	198.8	130	5.1	6	10	1475	2950
FF	4500	177.2	2815	110.8	5550	218.5	130	5.1	6	6	1425	2850
	2700	106.3	1865	73.4	3750	147.6	860	33.9	6	10	1500	3000
	3000	118.1	2015	79.3	4050	159.4	1010	39.8	6	10	1500	3000
FFT	3300	129.9	2165	85.2	4350	171.3	1160	45.7	6	10	1500	3000
	4000	157.5	1895	74.6	5055	199.0	890	35.0	6	10	1425	2850
	4500	177.2	2065	81.3	5550	218.5	1060	41.7	6	6	1350	2700
	4750	187.0	2145	84.4	5800	228.3	1140	44.9	6	3	1325	2650
	5000	196.9	2265	89.2	6050	238.2	1260	49.6	6	3	1275	2550
	5500	216.5	2495	98.2	6555	258.1	1490	58.7	6	3	950	1900
	6000	236.2	2665	104.9	7050	277.6	1660	65.4	6	3	700	1400

B18S-5

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities			
									B18S-5			
									Tilt Angle		Load Capacities	
					With Load Backrest		With Load Backrest		FWD	BWD	LC 500mm	LC 24in
STD	mm	in	mm	in	mm	in	mm	in	deg	deg	kg	lb
	3000	118.1	2015	79.3	4050	159.4	130	5.1	6	10	1750	3500
	3300	129.9	2165	85.2	4350	171.3	130	5.1	6	10	1750	3500
	3500	137.8	2265	89.2	4550	179.1	130	5.1	6	10	1750	3500
	3700	145.7	2365	93.1	4750	187.0	130	5.1	6	10	1750	3500
	4000	157.5	2565	101.0	5050	198.8	130	5.1	6	6	1750	3500
FF	4500	177.2	2815	110.8	5550	218.5	130	5.1	6	6	1450	2900
	2700	106.3	1865	73.4	3750	147.6	860	33.9	6	10	1750	3500
	3000	118.1	2015	79.3	4050	159.4	1010	39.8	6	10	1750	3500
FFT	3300	129.9	2165	85.2	4350	171.3	1160	45.7	6	10	1750	3500
	4000	157.5	1895	74.6	5055	199.0	890	35.0	6	6	1700	3400
	4500	177.2	2065	81.3	5550	218.5	1060	41.7	6	3	1625	3250
	4750	187.0	2145	84.4	5800	228.3	1140	44.9	6	3	1450	2900
	5000	196.9	2265	89.2	6050	238.2	1260	49.6	6	3	1250	2500
	5500	216.5	2495	98.2	6555	258.1	1490	58.7	6	3	900	1800
	6000	236.2	2665	104.9	7050	277.6	1660	65.4	6	3	650	1300

BC15S

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities					
									BC15S					
									Tilt Angle		Load Capacities			
											Narrow Tire		Wide Tire	
	mm	in	mm	in	mm	in	mm	in	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in
STD	3000	118	1980	78	4045	159	130	5	6	8	1500	3000	1500	3000
	3300	130	2130	84	4345	171	130	5	6	8	1500	3000	1500	3000
	3500	138	2230	88	4545	179	130	5	6	8	1500	3000	1500	3000
	3700	146	2330	92	4745	187	130	5	6	8	1500	3000	1500	3000
	4000	157	2530	100	5045	199	130	5	6	8	1500	3000	1500	3000
	4500	177	2780	109	5545	218	130	5	6	8	1300	3000	1500	3000
FF	2700	106	1830	72	3745	147	825	32	6	5	1500	3000	1500	3000
	3000	118	1980	78	4045	159	975	38	6	5	1500	3000	1500	3000
	3300	130	2130	84	4345	171	1125	44	6	5	1500	3000	1500	3000
FFT	4000	157	1860	73	5050	199	855	34	6	5	1500	3000	1500	3000
	4500	177	2025	80	5545	218	1020	40	6	5	1500	3000	1500	3000
	4750	187	2110	83	5795	228	1105	44	6	5	1450	2850	1450	2850
	5000	197	2225	88	6045	238	1220	48	6	5	1300	2850	1450	2850
	5500	217	2460	97	6550	258	1455	57	6	5	850	2000	1350	2750
	6000	236	2625	103	7045	277	1620	64	6	5	600	1300	1100	2450

BC18S

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities					
									BC18S					
									Tilt Angle		Load Capacities			
											Narrow Tire		Wide Tire	
	mm	in	mm	in	mm	in	mm	in	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in
STD	3000	118	1980	78	4045	159	130	5	6	8	1750	3500	1750	3500
	3300	130	2130	84	4345	171	130	5	6	8	1750	3500	1750	3500
	3500	138	2230	88	4545	179	130	5	6	8	1750	3500	1750	3500
	3700	146	2330	92	4745	187	130	5	6	8	1750	3500	1750	3500
	4000	157	2530	100	5045	199	130	5	6	8	1700	3400	1700	3400
	4500	177	2780	109	5545	218	130	5	6	8	1300	2950	1650	3250
FF	2700	106	1830	72	3745	147	825	32	6	5	1750	3500	1750	3500
	3000	118	1980	78	4045	159	975	38	6	5	1750	3500	1750	3500
	3300	130	2130	84	4345	171	1125	44	6	5	1750	3500	1750	3500
FFT	4000	157	1860	73	5050	199	855	34	6	5	1700	3400	1700	3400
	4500	177	2025	80	5545	218	1020	40	6	5	1600	3250	1600	3250
	4750	187	2110	83	5795	228	1105	44	6	5	1550	3150	1600	3150
	5000	197	2225	88	6045	238	1220	48	6	5	1300	2950	1550	3150
	5500	217	2460	97	6550	258	1455	57	6	5	850	1950	1450	2950
	6000	236	2625	103	7045	277	1620	64	6	3	800	1850	1400	2800

BC20SC

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities					
									BC20SC					
									Tilt Angle		Load Capacities			
											Narrow Tire		Wide Tire	
	mm	in	mm	in	mm	in	mm	in	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in
STD	3000	118	1980	78	4050	159	135	5	6	8	2000	4000	2000	4000
	3300	130	2130	84	4350	171	135	5	6	8	2000	4000	2000	4000
	3500	138	2230	88	4550	179	135	5	6	8	2000	4000	2000	4000
	3700	146	2330	92	4750	187	135	5	6	8	2000	4000	2000	4000
	4000	157	2530	100	5050	199	135	5	6	8	1950	3850	1950	3850
	4500	177	2780	109	5550	219	135	5	6	8	1450	3300	1850	3750
FF	2700	106	1830	72	3750	148	825	32	6	5	2000	4000	2000	4000
	3000	118	1980	78	4050	159	975	38	6	5	2000	4000	2000	4000
	3300	130	2130	84	4350	171	1125	44	6	5	2000	4000	2000	4000
FFT	4000	157	1860	73	5055	199	855	34	6	5	1900	3850	1900	3850
	4500	177	2025	80	5550	219	1020	40	6	5	1800	3650	1850	3650
	4750	187	2110	83	5800	228	1105	44	6	5	1750	3550	1800	3650
	5000	197	2225	88	6050	238	1220	48	6	5	1450	3300	1750	3550
	5500	217	2460	97	6555	258	1455	57	6	3	1300	3000	1650	3400
	6000	236	2625	103	7050	278	1620	64	6	3	900	2000	1200	2750



PRO5 SERIES



B15S / B18S-5
3,000lb(1,500kg) to 3,500lb(1,750kg)
48 VOLT
Pneumatic Tire



BC15S / BC18S-5 / BC20SC-5
3,000lb(1,500kg) to 4,000lb(2,000kg)
36/48 VOLT
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