

IBH

In-Between
Handling
Lift Trucks




BIGJOE®



In-Between Handling Lift Trucks

TECHNICAL DATA

ELECTRICAL SYSTEM

Model 1018: 12V, 105 A.H. polycase lead acid battery and built-in 8 amp. charger.

Models 1518, 2018: 12V, 125 A.H. polycase lead acid battery and built-in 8 amp. charger.

Models 1524, 2024, 2524: 12V, 155 A.H. polycase lead acid battery and built-in, fully automatic 15 amp. "smart" charger.

STRUCTURAL SYSTEM

Mast construction utilizes premium alloy, structural channel and I-beam.

Inner mast and carriage are fully rollered with tapered bearings. Dual lift chains

Rigid steel chassis, welded distortion-free.

Shaft-type forks for easy adjustment.

Tubular straddles on 1018/1518/1524/2018 series.

Solid bar straddles on 2024/2524 series.

HYDRAULIC SYSTEM

Infinitely variable ball-type lowering valve provides full range operator control and no-drift check in neutral.

Gear pump is sized to lift requirements to provide good performance at modest power draw.

Full system filtration is provided on the intake side of the pump which prevents foreign matter from entering any part of the system.

Built-in relief valve protects system from overload.

Pressure-compensating flow control valve at base of lift cylinder on telescopic models regulates lowering speed.

Reservoir is removable and comes equipped with foam-filter cap.

Chrome plated lift cylinder rod provides smooth lift/lower operation and long life.

SAFETY FEATURES

Dual, adjustable and slip-resistant floor locks for secure positive grip.

Flow control valve on telescopic models.

Screen guard.

Dual chain.

Keylock to prevent unauthorized usage of truck.

OPTIONS

36" wide carriage.

Fully automatic 15 amp. charger.

Steer wheel.

AC controls — 110V-1Ø-60HZ, 220V-1Ø-60HZ and 220V-3Ø-60HZ.

Adjustable restrictor valve.

Adjustable straddles - 38" to 50" I.D. at 4" increments.

Charger light on dash panel.

Lift limit switch w/ override.

Lift limit switch w/o override.

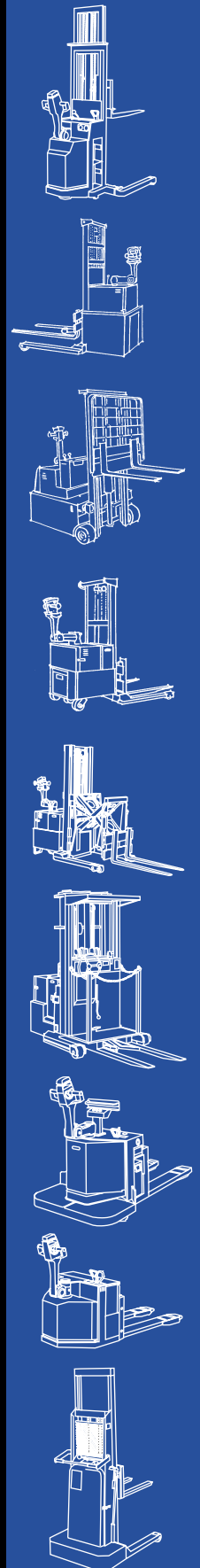
Load backrest.

Remote lift/lower...from pushbutton station.

See wheel options under "wheels".

CERTIFICATION

ANSI B56.10



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Big Joe Manufacturing Company will not assume liability for injuries or damage arising from, or caused by, the removal of any safety devices from their vehicles by user. Because of the Big Joe policy of continuing product improvements, specifications are subject to change without notice.



In-Between Handling Lift Trucks

STANDARD EQUIPMENT

- **High Strength Construction.**
High grade steel mast construction features interlocked channel and I-beam design with roller bearing surfaces. Mast and carriage is of fully-rollered construction for smooth, long-wearing performance. This type of construction accommodates high lifting stresses and maintains load stability.
- **Infinitely Variable Lowering Valve.**
Ball-type lowering valve provides full range operator control and no-drift check in neutral.
- **Electrical System.**
Lift motor is specially selected for peak efficiency at torque and RPM lift pump requirements. All cables and wiring are color-coded and/or numbered for easy servicing.
- **Floor Locks.**
Dual, adjustable and slip resistant for secure positive grip.
- **Gear Pump.**
Sized to lift requirements to provide peak performance at modest power draw.
- **Full System Filtration.**
Provided on the intake side of the pump. Prevents foreign matter from entering system.
- **Built-In Relief Valve.**
Protects system from overload.
- **Chrome Plated Lift Cylinder.**
Provides smooth lift/lower operation and long life.
- **Shaft-type Forks.**
Allows easy adjustment.
- **Pressure-Compensated Flow Control Valve.**
Located at base of lift cylinder, regulates lowering speed (on telescopic models only).
- **Rigid Steel Chassis.**
Continuous seam-welded distortion-free.
- **Wheels.**
4" steel load wheels are standard. Optional wheels: 3" and 6" single; 3" and 4" tandem. 6" steel caster wheels are standard. All wheels available in steel, polyurethane or phenolic. 3" wheel not available in phenolic.

OPTIONS

(other options available, consult factory)

- **Adjustable Straddle Option**
Available for the straddle I.D. range of 38" to 50". Adjusts in 4" increments. Will allow the truck to work with a variety of pallet sizes. Ideal if future pallet requirements may change.



SPECIFICATIONS

Lifting Capacity:	1,000 to 2,000 lbs. at 18" load centers. 1,500 to 2,500 lbs. at 24" load centers.
Lift Range:	57" - 144"
Power System:	12 volt with built-in charger.
Turning Radius:	From 45 ¹¹ / ₁₆ "

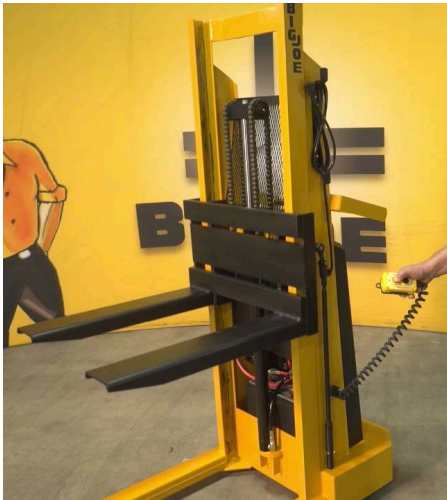
SPECIFICATIONS FOR ALL IBH MODELS

Battery:	
1018 Series:	12V, 125 A.H. polycase lead acid
1518, 2018 Series:	12V, 125 A.H. polycase lead acid
1524, 2024, 2524 Series:	12V, 155 A.H. polycase lead acid
Charger:	
1018, 1518, 2018 Series:	8 amp.
1524, 2024, 2524 Series:	15 amp. fully automatic
Forks:	See charts
Wheel Diameter:	Load wheels - 4" Caster wheels - 6"
Clearance:	
1018, 1518, 2018 & 1524:	1 ⁹ / ₁₆ " floor to bottom of straddle
2024, 2524:	2 ¹ / ₁₆ " floor to bottom of straddle



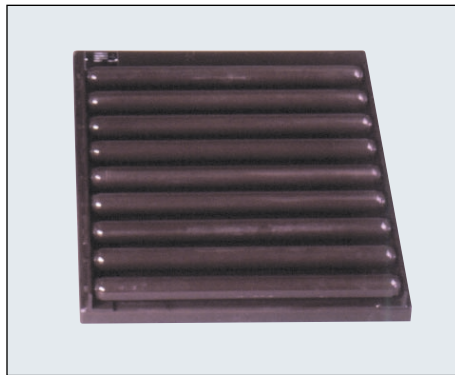
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Accessories & Attachments



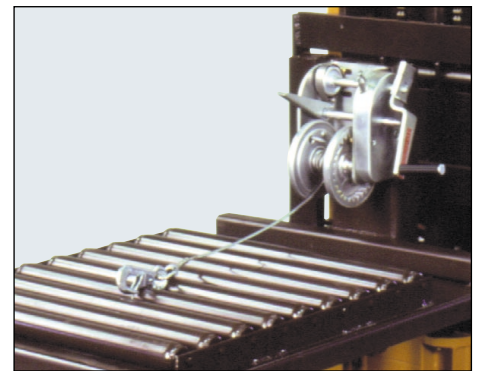
Remote Lift/Lower Control

Pushbutton control. Magnetic clip-on.



Roller Bed

Slip-on roller bed for side or front loading. 1000 lb. capacity. For rigid or adjustable forks.



Die Puller

Front-load roller platform, 1000 lb. capacity (with proper straddles), complete with winch. Secures to rigid or adjustable forks.



Ram

For coil and roll handling 2 1/2" x 26" is standard. Other lengths available.



Steer Wheel

The steer wheel configuration reduces steering effort and rolling resistance. This system improves maneuverability while making operation easier. Available for all models except 1000 lb. series. The attachment consists of dual 8" x 2" phenolic resin wheels and spring loaded "T" bar handle for maneuvering with rated loads. Not available on R6 or R7 models.



Boom with Hook

Converts lift truck for portable crane operation. 26" long, 300 lb. capacity (500 lb. with proper straddles).



Removable Load Platform

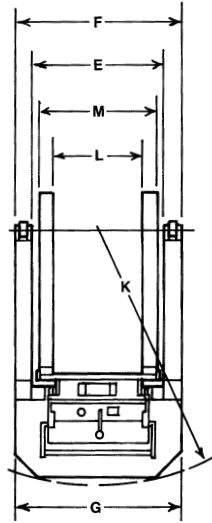
Slip-on platform, in standard or special sizes, with smooth or non-slip surfaces, for rigid or adjustable forks. Not for personnel use.



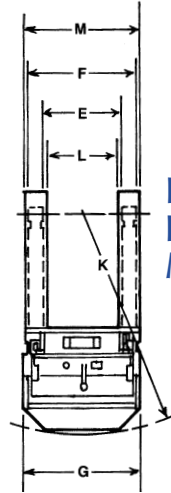
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DIMENSIONS

ADJUSTABLE FORK MODELS



RIGID FORK MODELS



MODEL NO.	LIFT CAPACITY	LOAD CENTER	LIFT HEIGHT	COL. HEIGHT †	EXT. HEIGHT †	STRADDLES-STANDARD			OVERALL WIDTH	CHASSIS LENGTH **	OVERALL LENGTH ***	TURN RADIUS	FORKS STANDARD				SHIP WEIGHT
						LENGTH *	I.D.	O.D.					I.D. (MIN)	O.D. (MAX)	LENGTH	LOWERED HEIGHT	
1000 LBS. CAPACITY, 18" LOAD CENTER RIGID FORKS, NON-TELESCOPIC																	
1018-R5	1000	18	60	72	73½	23⅜	17	24	26⅜	20⅝ ¹⁶	43 ¹¹ ¹⁶	45 ¹¹ ¹⁶	15¼	26	26¼	4½	540
1018-R6	1000	18	72	84	85½	23⅜	17	24	26⅜	20⅝ ¹⁶	43 ¹¹ ¹⁶	45 ¹¹ ¹⁶	15¼	26	26¼	4½	570
1018-R7	1000	18	84	96	97½	23⅜	17	24	26⅜	20⅝ ¹⁶	43 ¹¹ ¹⁶	45 ¹¹ ¹⁶	15¼	26	26¼	4½	600
ADJUSTABLE FORKS, NON-TELESCOPIC																	
1018-A5	1000	18	57	72	74	24⅞	26	33	33⅞	22 ⁹ ¹⁶	46 ¹¹ ¹⁶	46 ¹¹ ¹⁶	6	24	30	1¼	600
1018-A6	1000	18	69	84	86	24⅞	26	33	33⅞	22 ⁹ ¹⁶	46 ¹¹ ¹⁶	46 ¹¹ ¹⁶	6	24	30	1¼	630
1018-A7	1000	18	81	96	98	24⅞	26	33	33⅞	22 ⁹ ¹⁶	46 ¹¹ ¹⁶	46 ¹¹ ¹⁶	6	24	30	1¼	650
1500 LBS. CAPACITY, 18" CENTER RIGID FORKS, NON-TELESCOPIC																	
1518-R5	1500	18	60	71½	73½	23⅜	16½	24½	26⅜	20⅝ ¹⁶	43 ¹¹ ¹⁶	45 ¹¹ ¹⁶	15¼	26	26¼	4½	595
1518-R6	1500	18	72	83½	85½	23⅜	16½	24½	26⅜	20⅝ ¹⁶	43 ¹¹ ¹⁶	45 ¹¹ ¹⁶	15¼	26	26¼	4½	625
1518-R7	1500	18	84	95½	97½	23⅜	16½	24½	26⅜	20⅝ ¹⁶	43 ¹¹ ¹⁶	45 ¹¹ ¹⁶	15¼	26	26¼	4½	655
AJUSTABLE FORKS, NON-TELESCOPIC																	
1518-A5	1500	18	57	71½	74	24⅞	26	34	33⅞	22 ⁹ ¹⁶	46 ¹¹ ¹⁶	46 ¹¹ ¹⁶	6	24	30	1¼	630
1518-A6	1500	18	69	83½	86	24⅞	26	34	33⅞	22 ⁹ ¹⁶	46 ¹¹ ¹⁶	46 ¹¹ ¹⁶	6	24	30	1¼	660
1518-A7	1500	18	81	95½	98	24⅞	26	34	33⅞	22 ⁹ ¹⁶	46 ¹¹ ¹⁶	46 ¹¹ ¹⁶	6	24	30	1¼	690
ADJUSTABLE FORKS, TELESCOPIC																	
1518-T8	1500	18	96	69	116	23⅞	30	38	37⅞	22 ¹³ ¹⁶	46 ¹¹ ¹⁶	47¼	9¾	28	30	1¾	850
1518-T9	1500	18	108	75	128	23⅞	30	38	37⅞	22 ¹³ ¹⁶	46 ¹¹ ¹⁶	47¼	9¾	28	30	1¾	880
1518-T10	1500	18	120	81	140	23⅞	42	50	49⅞	22 ¹³ ¹⁶	46 ¹¹ ¹⁶	49 ⁹ ¹⁶	9¾	28	30	1¾	930
1518-T11	1500	18	132	87	152	23⅞	42	50	49⅞	22 ¹³ ¹⁶	46 ¹¹ ¹⁶	49 ⁹ ¹⁶	9¾	28	30	1¾	960
1518-T12	1500	18	144	93	164	23⅞	42	50	49⅞	22 ¹³ ¹⁶	46 ¹¹ ¹⁶	49 ⁹ ¹⁶	9¾	28	30	1¾	990
2000 LBS. CAPACITY, 18" CENTER RIGID FORKS, NON-TELESCOPIC																	
2018-R5	2000	18	60	71½	73½	23⅜ ¹⁶	16½	24½	26⅜	20⅝ ¹⁶	43½	45 ¹¹ ¹⁶	15¼	26	26¼	4½	635
2018-R6	2000	18	72	83½	85½	23⅜ ¹⁶	16½	24½	26⅜	20⅝ ¹⁶	43½	45 ¹¹ ¹⁶	15¼	26	26¼	4½	675
2018-R7	2000	18	84	95½	97½	23⅜ ¹⁶	16½	24½	26⅜	20⅝ ¹⁶	43½	45 ¹¹ ¹⁶	15¼	26	26¼	4½	715
AJUSTABLE FORKS, NON-TELESCOPIC																	
2018-A5	2000	18	57	71½	74	23 ¹¹ ¹⁶	26	34	33⅞	22 ¹³ ¹⁶	46½	46 ¹¹ ¹⁶	6	24	30	1½	665
2018-A6	2000	18	69	83½	86	23 ¹¹ ¹⁶	26	34	33⅞	22 ¹³ ¹⁶	46½	46 ¹¹ ¹⁶	6	24	30	1½	705
2018-A7	2000	18	81	95½	98	23 ¹¹ ¹⁶	26	34	33⅞	22 ¹³ ¹⁶	46½	46 ¹¹ ¹⁶	6	24	30	1½	745
ADJUSTABLE FORKS, TELESCOPIC																	
2018-T8	2000	18	96	69	116	23⅞	30	38	37⅞	23¼	46⅝	47¼	9¾	28	30	2	875
2018-T9	2000	18	108	75	128	23⅞	30	38	37⅞	23¼	46⅝	47¼	9¾	28	30	2	915
2018-T10	2000	18	120	81	140	23⅞	42	50	49⅞	23¼	46⅝	49 ⁹ ¹⁶	9¾	28	30	2	965
2018-T11	2000	18	132	87	152	23⅞	42	50	49⅞	23¼	46⅝	49 ⁹ ¹⁶	9¾	28	30	2	1005
2018-T12	2000	18	144	93	164	23⅞	42	50	49⅞	23¼	46⅝	49 ⁹ ¹⁶	9¾	28	30	2	1045

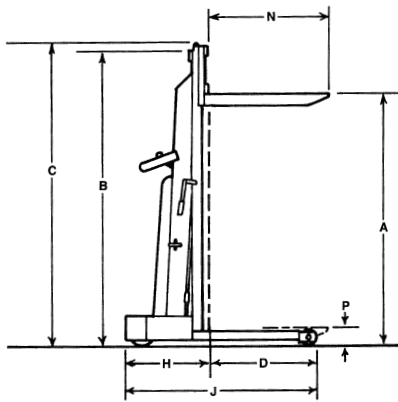
*Face of fork to end of load wheels. **To face of fork. ***To end of load wheels. †For adjustable straddles add: 3 1/8"



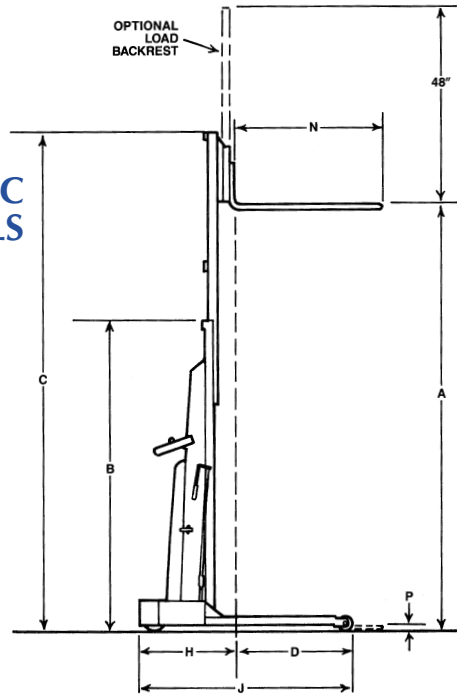
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DIMENSIONS

NON-TELESCOPIC MODELS



TELESCOPIC MODELS



MODEL NO.	LIFT CAPACITY	LOAD CENTER	LIFT HEIGHT	COL. HEIGHT †	EXT. HEIGHT †	STRADDLES-STANDARD			OVERALL WIDTH	CHASSIS LENGTH **	OVERALL LENGTH ***	TURN RADIUS	FORKS STANDARD				SHIP. WEIGHT
			A	B	C	LENGTH *	I.D.	O.D.					I.D. (MIN)	O.D. (MAX)	LENGTH	LOWERED HEIGHT	
			D	E	F	G	H	J	K	L	M	N	P				

1500 LBS. CAPACITY, 24" LOAD CENTER RIGID FORKS, NON-TELESCOPIC

1524-A5	1500	24	57	71 1/2	74	29 3/32	26	34	33 7/8	22 13/16	51 29/32	51 7/8	6	24	36	1 1/2	764
1524-A6	1500	24	69	83 1/2	86	29 3/32	26	34	33 7/8	22 13/16	51 29/32	51 7/8	6	24	36	1 1/2	807
1524-A7	1500	24	81	95 1/2	98	29 3/32	26	34	33 7/8	22 13/16	51 29/32	51 7/8	6	24	36	1 1/2	764

ADJUSTABLE FORKS, TELESCOPIC

1524-T8	1500	24	96	69	116	28 1/2	30	38	37 7/8	23 1/4	51 3/4	52 3/8	9 3/4	28	36	2	947
1524-T9	1500	24	108	75	128	28 1/2	30	38	37 7/8	23 1/4	51 3/4	52 3/8	9 3/4	28	36	2	972
1524-T10	1500	24	120	81	140	28 1/2	42	50	49 7/8	23 1/4	51 3/4	52 3/8	9 3/4	28	36	2	1032
1524-T11	1500	24	132	87	152	28 1/2	42	50	49 7/8	23 1/4	51 3/4	54 1/2	9 3/4	28	36	2	1057
1524-T12	1500	24	144	93	164	28 1/2	42	50	49 7/8	23 1/4	51 3/4	54 1/2	9 3/4	28	36	2	1082

2000 LBS. CAPACITY, 24" LOAD CENTER RIGID FORKS, NON-TELESCOPIC

2024-A5	2000	24	60	77	79 1/4	28 5/8	42	50	49 7/8	24	52 5/8	49 9/16	6	28	36	1 1/2	980
2024-A6	2000	24	72	89	91 1/4	28 5/8	42	50	49 7/8	24	52 5/8	49 9/16	6	28	36	1 1/2	1020
2024-A7	2000	24	84	101	103 1/4	28 5/8	42	50	49 7/8	24	52 5/8	49 9/16	6	28	36	1 1/2	1060

ADJUSTABLE FORKS, TELESCOPIC

2024-T8	2000	24	96	69	115 1/4	28 1/2	30	38	37 7/8	24	52 5/8	54 1/2	6	28	36	2	1285
2024-T9	2000	24	108	75	125 1/4	28 1/2	30	38	37 7/8	24	52 5/8	49 9/16	6	28	36	2	1305
2024-T10	2000	24	120	81	139 1/4	28 1/2	42	50	49 7/8	24	52 5/8	49 9/16	6	28	36	2	1365
2024-T11	2000	24	132	87	149 1/4	28 1/2	42	50	49 7/8	24	52 5/8	49 9/16	6	28	36	2	1385
2024-T12	2000	24	144	93	163 1/4	28 1/2	42	50	49 7/8	24	52 5/8	49 9/16	6	28	36	2	1405

2500 LBS. CAPACITY, 24" LOAD CENTER RIGID FORKS, NON-TELESCOPIC

2524-A5	2500	24	60	77	79 1/4	28 5/8	42	50	49 7/8	24	52 5/8	49 9/16	6	28	36	1 1/2	980
2524-A6	2500	24	72	89	91 1/4	28 5/8	42	50	49 7/8	24	52 5/8	49 9/16	6	28	36	1 1/2	1020
2524-A7	2500	24	84	101	103 1/4	28 5/8	42	50	49 7/8	24	52 5/8	49 9/16	6	28	36	1 1/2	1060

ADJUSTABLE FORKS, TELESCOPIC

2524-T8	2500	24	96	69	115 1/4	28 1/2	30	38	37 7/8	24	52 5/8	54 1/2	6	28	36	2	1285
2524-T9	2500	24	108	75	125 1/4	28 1/2	30	38	37 7/8	24	52 5/8	49 9/16	6	28	36	2	1305
2524-T10	2500	24	120	81	139 1/4	28 1/2	42	50	49 7/8	24	52 5/8	49 9/16	6	28	36	2	1365
2524-T11	2500	24	132	87	149 1/4	28 1/2	42	50	49 7/8	24	52 5/8	49 9/16	6	28	36	2	1385
2524-T12	2500	24	144	93	163 1/4	28 1/2	42	50	49 7/8	24	52 5/8	49 9/16	6	28	36	2	1405

*Face of fork to end of load wheels. **To face of fork. ***To end of load wheels. †For adjustable straddles add: 3 1/8"