



**B90B B95B B95B TC B95B LR B110B B115B
LOADER BACKHOES**



- New Curved Boom Design for Lower Transport Height
- New Flip Up Hood for Easier Daily Maintenance
- Narrow Backhoe Boom Design for Optimal Visibility
- Outstanding Loader Bucket Breakout Forces



BUILT AROUND YOU

OUT-PUSH, OUT-DIG AND OUT-POWER THE REST

Digging, loading, trenching or pushing—no matter how demanding the job, New Holland B Series loader backhoes get it done at a lower operating cost, and deliver more value for your equipment dollar.

New Curved Boom Design

- Lowers transport height and increases digging power
- Narrow backhoe boom design gives operators an excellent view of the work area

Unmatched Power

- **Tier III certified** turbo-charged 4.5-liter engines
- High-capacity hydraulics boosts loading and digging cycle times
- Unbeatable lift capacity

Superior Dig Forces

- Class-leading backhoe SAE dig force
- Fast swing and excellent craning ability
- Industry leading loader bucket breakout force
- Excellent for high-production trenching or digging

More Dump Height and Reach

- Achieve maximum forward reach at maximum height
- Easily center-fill dump trucks
- Operate on uneven terrain with stability and confidence

Easy Servicing

- New easy-to-open flip-up hood makes daily maintenance easier than ever
- Extended 500-hour oil change interval decreases operating costs
- Less maintenance time equals more productive work time

New Venturi Cone System

- Extends muffler life and reduces exhaust stack vibrations

Powerful New Engine (B95B, B95B TC, B95B LR, B110B, B115B)

- Electronic common rail turbo engine provides higher engine torque and more power
- Tier III certified reduces engine emissions
- Improved cold weather starting ability
- Improved fuel economy

New Holland B Series loader backhoes feature a new curved, narrow boom design. Not only does the design lower transport height and increase digging power, it also provides excellent visibility. No matter where you look, you can work with confidence, even in confined spaces. The slim cab pillars and sloped hood allow excellent visibility to the front edge of the loader bucket.



Model B95B TC (Tool Carrier) delivers true self-leveling both up and down, making it perfect for use with forks. The B95B TC has an optional hydraulic quick coupler so you can easily change attachments.



Model B95B LR (Long Reach) combines the B95B base unit with the longer stick of the B110B loader backhoe – making it a 15-foot machine. It's ideal if you're looking for added reach with better fuel consumption than larger machines.





New Holland B Series Loader Backhoes are Tier III certified for low emissions.

Model	Gross Horsepower hp (kW)	Base Unit Weight lbs (kg)	Backhoe Bucket Capacity cu ft (m ³)	Loader SAE Heaped Capacity cu yd (m ³)
B90B	95 (71)	15,677 (7111)	7.5 (.21)	1.1 (.88)
B95B	97 (72)	16,008 (7261)	7.5 (.21)	1.1 (.88)
B95B TC	97 (72)	18,135 (8226)	7.5 (.21)	1.3 (1.0)
B95B LR	97 (72)	16,028 (7270)	7.5 (.21)	1.1 (.88)
B110B	110 (82)	16,316 (7401)	7.5 (.21)	1.3 (1.0)
B115B	110 (82)	18,289 (8296)	7.5 (.21)	1.5 (1.13)



MORE REACH, MORE CAPACITY

Reach Higher and Farther

- Excellent reach at maximum dump height makes grapple and bucket work easy
- Precisely place loads where you want them
- Select from three counterweight options, ranging from 312 to 1,210 lbs., available for all B Series loader backhoes

Superior Loader Breakout Force

- Straight-arm loader linkage and dual cylinders deliver unmatched lift capacity, bucket rotation and breakout force
- Massive, integral loader tower and oversized torque tube provide the rigidity and strength needed for high capacity
- Functional back drag heel for productive backfilling and scraping is featured on all buckets

Precision swing control delivers better operation in tight areas.



New Holland loader backhoes are the industry-leaders in loader breakout force. They excel in tough digging conditions.

Model	Backhoe Bucket Dig Force lbs (kg)	Maximum Backhoe Dig Depth ft-in (mm)	Loader Bucket Breakout Force lbs (kg)	Loader Lift Capacity to Full Height lbs (kg)
B90B	12,592 (5601)	18'3" (5555)	14,451 (6555)	7,690 (3485)
B95B	13,255 (5896)	18'3" (5555)	15,212 (6900)	8,095 (3668)
B95B TC	13,255 (5896)	18'3" (5555)	14,109 (6400)	6,856 (3110)
B95B LR	12,618 (5723)	18'9" (5703)	14,212 (6900)	8,095 (3668)
B110B	12,618 (5723)	18'9" (5703)	14,109 (6400)	7,925 (3595)
B115B	12,618 (5723)	18'5" (5609)	12,169 (5520)	7,464 (3386)

Superior Backhoe Dig Force

- Unmatched dig force
- Fast backhoe swing cycle time
- Wedge-style backhoe bucket reduces heel drag to effectively undercut when needed
- Narrow, high-strength, box-section boom offers greater visibility

Smooth, Stable Ride

- Optional four-wheel-drive for traction in tough conditions
- Full hydraulic, self-equalizing and self-adjusting wet rear disc brakes
- Optional Glide Ride for carrying heavy, loaded buckets over rough terrain with less spilling and a smoother ride



EFFORTLESS CONTROL

Comfort and Convenience

- Plenty of leg and foot room, even as you turn the seat
- Optional pilot control pillars adjust to accommodate any size operator
- High-output HVAC system provides quick cab warm-up or cool-down
- Easily reach every control in an instant—from the throttle and transmission shuttle lever to the lights, flashers and windshield wipers
- Two standard doors for easy entry from either side
- Large instrumentation is easy to read at a glance

Automatic Shifting on the Jobsite

- Sophisticated 4x2 powershift transmission with automatic shifting (standard on B115B and optional on B110B)
- Automatic four-wheel-drive and kick-down for effortless shifting over any terrain
- Gear selection display

One-Lever Loader Control

- Work with low effort and high precision: pull back to raise the bucket, push forward to lower it
- Disconnect the transmission and direct full power to the loader with the push of a button

The New Holland backhoe has a very narrow boom, which provides excellent visibility and reduces operator fatigue.



360° visibility lets operators work with confidence. Controls are easy to reach and operate. Gauges are easy to read.





Enjoy the view

New Holland loader backhoes deliver outstanding visibility no matter where you look, allowing you to work with confidence, even in confined spaces. New Holland loader backhoes sit higher to provide better visibility to the trench and worksite around you.



The one-piece, easy-open rear window moves up and out of the way for unobstructed visibility all the way into the trench.

RELIABILITY DAY IN AND DAY OUT

Tough Construction

- Massive one-piece box section steel main frame
- Tough, double-reduction front axles deliver high torque transfer to the ground, without compromising ground clearance
- Reliable in-board planetary rear axles provide years of service in harsh working conditions

Long-Life Engines

- Advanced 4.5-liter turbocharged **FPT** engines use heavy-duty valve train components and a self-adjusting poly V-belt for durability
- Oil jets cool the underside of the pistons for perfect temperature control—a feature usually reserved for higher horsepower engines
- Bosch injection pumps provide virtually smoke-free start ups

Superior Cooling

- Coolers are stacked with tubes arranged in an inline “flow through” design for easy cleaning
- Designed to work in consistent 100° F temperatures

Fast-Response Hydraulics

- Advanced open-center hydraulic system uses a clean, simple design with fewer parts than competitive closed-center systems
- Dual gear pumps deliver hydraulic flow of up to 42 gallons per minute
- Extra-strong grill and cast-iron nose provides added durability in loader applications

Easy to Service

- Simple routine maintenance made easy
- All daily service points are conveniently located at ground level of the machine.
- Fill engine oil, hydraulic tank, fuel tank and transmission fluid from ground level





Daily maintenance is easier than ever! The flip-up hood is easy to open, and provides wide, easy access for routine maintenance needs. All daily service points are conveniently located at ground level on the left-hand side of the machine. A diagnostic test port under the left engine panel provides easy system pressure checks.

ATTACHMENTS PROVIDE VERSATILITY

Quick-change loader attachments

An optional auxiliary hydraulic circuit can be used with a mechanical quick-attach system or an electro-hydraulic quick coupler for fast and easy hookup to many attachments.

- Sweeper brooms
- Angle dozer
- Four-in-one bucket
- Snow blower
- Scrap grapple
- Forks
- Auger

Backhoe attachments

- Backfill blade
- Cemetery bucket
- Pavement-removal bucket
- Ripper teeth
- V-ditching bucket

Note: Some New Holland loader backhoes are shown with optional equipment. See your New Holland dealer for details.

Optional auxiliary backhoe hydraulics

Auxiliary backhoe hydraulics expand your versatility. A foot pedal in the cab activates the auxiliary hydraulics to run these backhoe attachments:

- Hydraulic breaker
- Hydraulic compactor
- Hydraulic auger
- Hydraulic thumb

Hand-tool attachments

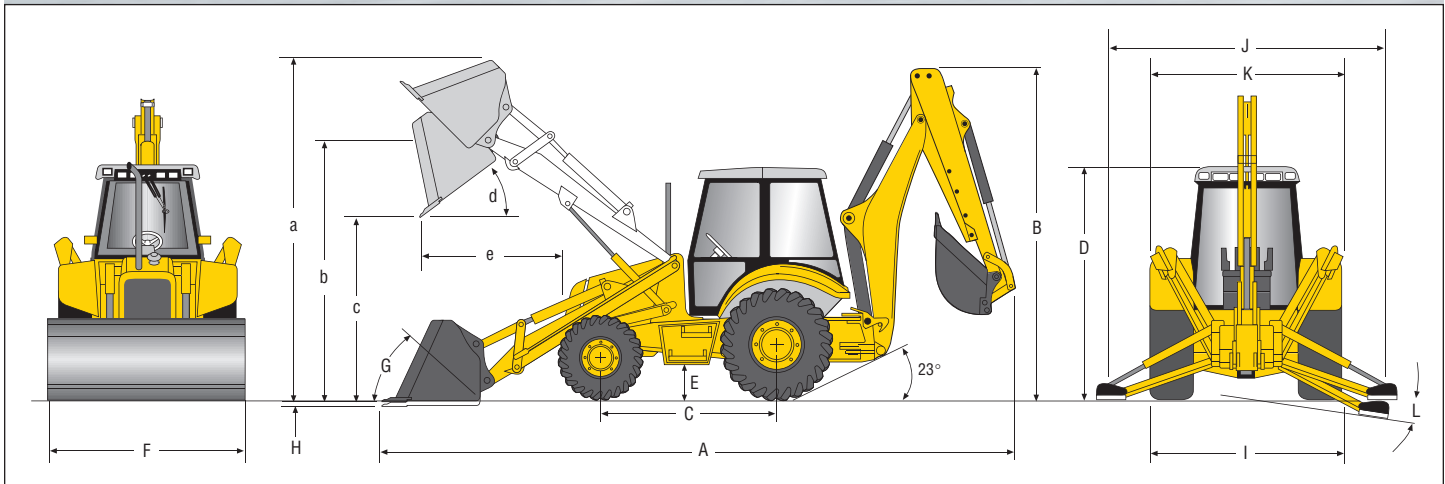
An optional hand-tool circuit conveniently located on the front, left side of the machine provides a convenient power source for hydraulic hand-tools like these:

- Posthole digger
- Hand-held breaker
- Chop saw
- Cable cutter
- Chain saw
- Hydraulic trash pump
- Hand-held compactor



B90B Specifications

DIMENSIONS



DIMENSIONS

A. Transport length, ft/in (mm)	23' 0" (7010)	G. Bucket Rollback At ground level	41.2°
B. Transport height, ft/in (mm)	12' 6" (3810)	Raised	49.5°
C. Wheelbase, in (mm)		H. Digging depth below grade, in (mm)	6.9" (176)
2WD	85.6" (2175)	I. Transport width, ft/in (mm)	7' 6" (2286)
4WD	85.6" (2175)	J. Stabilizer spread, operating, ft/in (mm)	10' 7" (3226)
D. Height to top of cab, ft/in (mm)	9' 5" (2870)	K. Stabilizer spread, transport, ft/in (mm)	7' 6" (2286)
E. Ground Clearance, in (mm)	15.5" (394)	L. Stabilizer spread, leveling angle	14°
F. Blade width, in (mm)	88.6" (2250)		

LOADER DIMENSIONS

	1.1 cu yd Heavy-Duty General Purpose	1.3 cu yd Heavy-Duty General Purpose	Multi-Purpose (4x1)	Multi-Purpose (6x1)
a. Max operating height, ft/in (mm)	13' 11" (4253)	13' 11" (4284)	14' 0" (4284)	14' 0" (4284)
b. Height to hinge pin, ft/in (mm)	11' 3" (3425)	11' 4" (3456)	11' 4" (3456)	11' 4" (3456)
c. Dump height, ft/in (mm)	8' 10" (2691)	8' 10" (2687)	8' 11" (2714)	8' 11" (2714)
d. Max dump angle	45°	45°	45°	45°
e. Reach @ 45 degree dump angle, ft/in (mm)	2' 7" (789)	2' 7" (797)	2' 5" (732)	2' 7" (797)
Max grading angle	130°	130°	130°	130°

LOADER PERFORMANCE

	1.1 cu yd Heavy-Duty General Purpose	1.3 cu yd Heavy-Duty General Purpose	Multi-Purpose (4x1)	Multi-Purpose (6x1)
Linkage geometry	straight	straight	straight	straight
Max bucket heaped capacity, cu yd (m ³)	1.1 (.88)	1.3 (1.0)	1.3 (1.0)	1.3 (1.0)
Bucket breakout force, lbs (kg)	14,454 (6556)	13,404 (6080)	13,353 (6057)	13,353 (6057)
Lift capacity to full height, lbs (kg)	7,690 (3488)	7,529 (3415)	7,081 (3212)	6,817 (3092)
SAE heaped capacity, cu yd (m ³)	1.1 (.88)	1.3 (1.0)	1.3 (1.0)	1.3 (1.0)
SAE struck capacity, cu yd (m ³)	.91 (.73)	1.07 (.82)	1.07 (.82)	1.07 (.82)
Bucket weight, lbs (kg)	683 (310)	870.8 (395)	870.8 (395)	870.8 (395)
Cutting width, in (mm)	88.5 (2250)	88.5 (2250)	88.5 (2250)	88.5 (2250)
Cycle				
Raise to full height	4.4 sec	4.4 sec	4.4 sec	4.4 sec
Dump time	1.2 sec	1.2 sec	1.2 sec	1.2 sec
Lower	2.7 sec	2.7 sec	2.7 sec	2.7 sec

Unit equipped with 12-16.5 front tire, 19.5L-24 rear tire

B90B Specifications

WEIGHT*

Base Unit.....	15,677 lbs
With options added	
2WD.....	-386 lbs
Canopy	-397 lbs
4x1	+969 lbs
6x1	+1,408 lbs
Std. (counterweight).....	-769 lbs
Med. (counterweight).....	-239 lbs

TRANSMISSION

Manufacturer	Turner
Transmission type	Power-reversing/torque conv
Power shuttle standard.....	Yes
Gear 4F/4R	
Max travel speed, FWD, mph (kph)	20 (32.2)
Front tire size, 4WD	11L x 16
Rear tires size, 4WD	19.5L x 24

ENGINE

Make and model.....	FPT 445TA/M3
Type	Tier III certified, mechanical direct injection, 4 cycle diesel
Aspiration	Turbocharged w/ Aftercooler
Governed RPM.....	2200 RPM
Number of cylinders	4
Displacement, cu in (l).....	272 (4.5)
Horsepower, gross, hp (kW).....	95 (71)
Horsepower, net hp (kW)	91 (68)
Peak torque, lb-ft (N-m) @ RPM	295 (400) @ 1250

MANEUVERABILITY

	Less Brakes	With Split Brakes
2WD curb clearance	13' 6"	12' 7"
4WD curb clearance	15' 9"	11' 5"
2WD bucket clearance.....	17' 9"	16' 8"
4WD bucket clearance.....	19' 5"	16' 6"

HYDRAULIC SYSTEM

System type	Open center
Main pump type	Dual gear
Pump capacity gpm (lpm).....	40 (151)
System relief pressure.....	3,045 psi

ELECTRICAL

Alternator output.....	90 amps
Battery capacity (std/opt).....	1,200/900 CCA

REFILL CAPACITIES

Fuel tank, gal (l).....	35.5 (135)
Cooling system, gal (l)	6.3 (24)
Engine oil, includes filter, gal (l).....	3.7 (14)
Hydraulic tank, gal (l).....	19.7 (75)
Hydraulic system, gal (l)	31 (118)

SWING

Swing force	5,800 lbf-ft
Swing torque	20,390 lbf-ft

CYLINDER SPECS

Loader cylinder.....	3.54" bore x 28.6" stroke
Backhoe	
Boom cylinder	5" bore x 35.71" stroke
Arm cylinder.....	4.75" bore x 27.64" stroke
Bucket cylinder	3.3" bore x 30.16" stroke
Swing cylinder.....	4.33" bore x 9.38" stroke

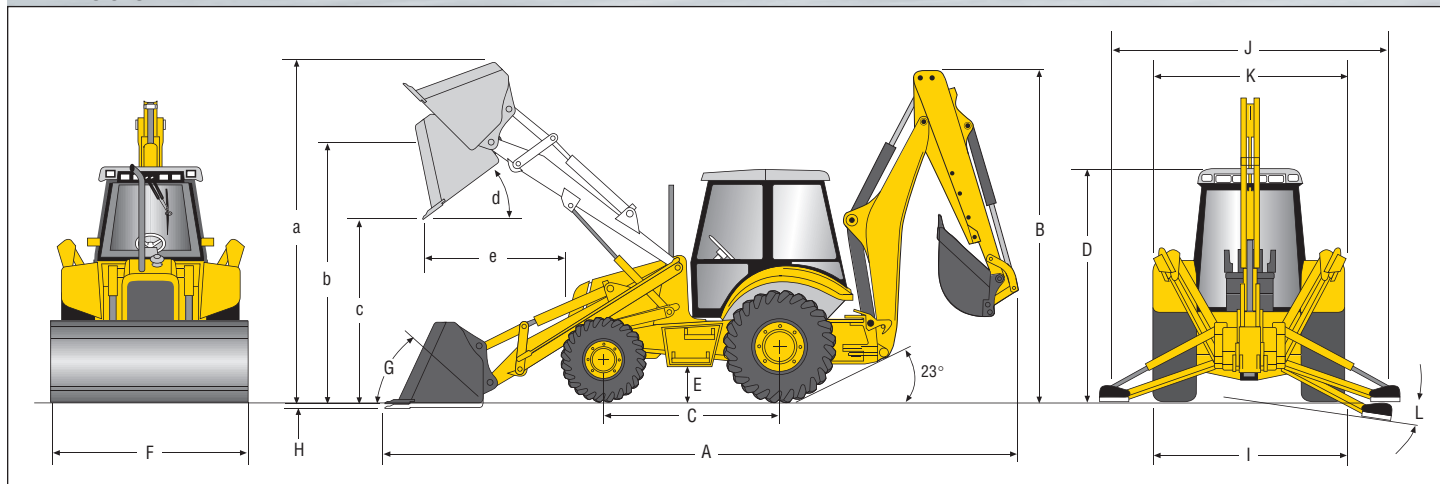
SERVICE INTERVALS

Engine oil	500 hours
Hydraulic oil filter.....	1,000 hours
Engine coolant.....	2,000 hours
Rear axle oil	1,000 hours

*4WD, CAB, HED, Heavy Duty Counterweight, STD Bucket

B95B Specifications

DIMENSIONS



DIMENSIONS

A. Transport length, ft/in (mm)	23' 0" (7010)	G. Bucket Rollback At ground level	39°
B. Transport height, ft/in (mm)	12' 6" (3810)	Raised	55°
C. Wheelbase, in (mm)		H. Digging depth below grade, in (mm)	6" (152)
2WD	85.6" (2175)	I. Transport width, ft/in (mm)	7' 6" (2286)
4WD	85.6" (2175)	J. Stabilizer spread, operating, ft/in (mm)	10' 7" (3226)
D. Height to top of cab, ft/in (mm)	9' 5" (2870)	K. Stabilizer spread, transport, ft/in (mm)	7' 6" (2286)
E. Ground Clearance, in (mm)	15.5" (394)	L. Stabilizer spread, leveling angle	14°
F. Blade width, ft/in (mm)	8' 6" (2845)		

LOADER DIMENSIONS

	1.1 cu yd Heavy-Duty General Purpose	1.3 cu yd Heavy-Duty General Purpose	Multi-Purpose (4x1)	Multi-Purpose (6x1)
a. Max operating height, ft/in (mm)	13' 11" (4253)	14' 0" (4284)	14' 0" (4284)	14' 0" (4284)
b. Height to hinge pin, ft/in (mm)	11' 3" (3425)	11' 4" (3456)	11' 4" (3456)	11' 4" (3456)
c. Dump height, ft/in (mm)	8' 10" (2691)	8' 11" (2710)	8' 11" (2714)	8' 11" (2714)
d. Max dump angle	45°	45°	45°	45°
e. Reach @ 45 degree dump angle, ft/in (mm)	2' 7" (797)	2' 7" (797)	2' 5" (732)	2' 7" (797)
Max grading angle	130°	130°	130°	130°

LOADER PERFORMANCE

	1.1 cu yd Heavy-Duty General Purpose	1.3 cu yd Heavy-Duty General Purpose	Multi-Purpose (4x1)	Multi-Purpose (6x1)
Linkage geometry	straight	straight	straight	straight
Max bucket heaped capacity, cu yd (m ³)	1.1 (.88)	1.3 (1.0)	1.3 (1.0)	1.3 (1.0)
Bucket breakout force, lbs (kg)	15,212 (6900)	14,109 (6400)	14,056 (6375)	14,056 (6375)
Lift capacity to full height, lbs (kg)	8,095 (3672)	7,925 (3595)	7,454 (3160)	7,176 (3254)
SAE heaped capacity, cu yd (m ³)	1.1 (.88)	1.3 (1.0)	1.3 (1.0)	1.3 (1.0)
SAE struck capacity, cu yd (m ³)	.91 (.73)	1.07 (.82)	1.07 (.82)	1.07 (.82)
Bucket weight, lbs (kg)	682 (309)	880 (399)	1,650 (748)	2,090 (948)
Cutting width, in (mm)	88 (2250)	88 (2250)	88 (2250)	88 (2250)
Cycle				
Raise to full height	4.4 sec	4.4 sec	4.4 sec	4.4 sec
Dump time	1.2 sec	1.2 sec	1.2 sec	1.2 sec
Lower	2.7 sec	2.7 sec	2.7 sec	2.7 sec

Unit equipped with 12-16.5 front tire, 19.5L-24 rear tire

B95B Specifications

WEIGHT

Base Unit.....	16,008 lbs
With options added	
2WD.....	-386 lbs
Canopy	-397 lbs
4x1	+969 lbs
6x1	+1,408 lbs
Std. (counterweight).....	-769 lbs
Med. (counterweight).....	-239 lbs

TRANSMISSION

Manufacturer	Turner
Transmission type	Power-reversing/torque conv
Power shuttle standard.....	Yes
Gear 4F/4R	
Max travel speed, FWD, mph (kph)	20 (32.2)
Front tire size, 4WD	12-16.5
Rear tires size, 4WD	19.5L-24

ENGINE

Make and model.....	FPT 445TA/E3
Type	Tier III certified, electronic high pressure common rail, 4-cycle diesel
Aspiration	Turbocharged
Governed RPM.....	2200 RPM
Number of cylinders	4
Displacement, cu in (l).....	273 (4.5)
Horsepower, gross, hp (kW).....	97 (72)
Horsepower, net hp (kW)	91 (68)
Peak torque, lb-ft (N-m) @ RPM.....	334 (453) @ 1400

MANEUVERABILITY

	Less Brakes	With Split Brakes
2WD curb clearance	13' 6"	12' 7"
4WD curb clearance	15' 9"	11' 5"
2WD bucket clearance.....	17' 9"	16' 8"
4WD bucket clearance.....	19' 5"	16' 6"

HYDRAULIC SYSTEM

System type	Open center
Main pump type	Dual gear
Pump capacity gpm (lpm).....	40 (151)
System relief pressure.....	3,045 psi

ELECTRICAL

Alternator output.....	90 amps
Battery capacity (std/opt).....	1,200/900 CCA

REFILL CAPACITIES

Fuel tank, gal (l).....	35.6 (135)
Cooling system, gal (l)	6.4 (24)
Engine oil, includes filter, gal (l).....	3.7 (14)
Hydraulic tank, gal (l).....	19.7 (75)
Hydraulic system, gal (l)	31 (118)

SWING

Swing force	5,800 lbf-ft
Swing torque	20,390 lbf-ft

CYLINDER SPECS

Loader cylinder.....	3.54" bore x 28.6" stroke
Backhoe	
Boom cylinder	5" bore x 35.71" stroke
Arm cylinder.....	4.75" bore x 27.64" stroke
Bucket cylinder	3.3" bore x 30.16" stroke
Swing cylinder.....	4.33" bore x 9.38" stroke

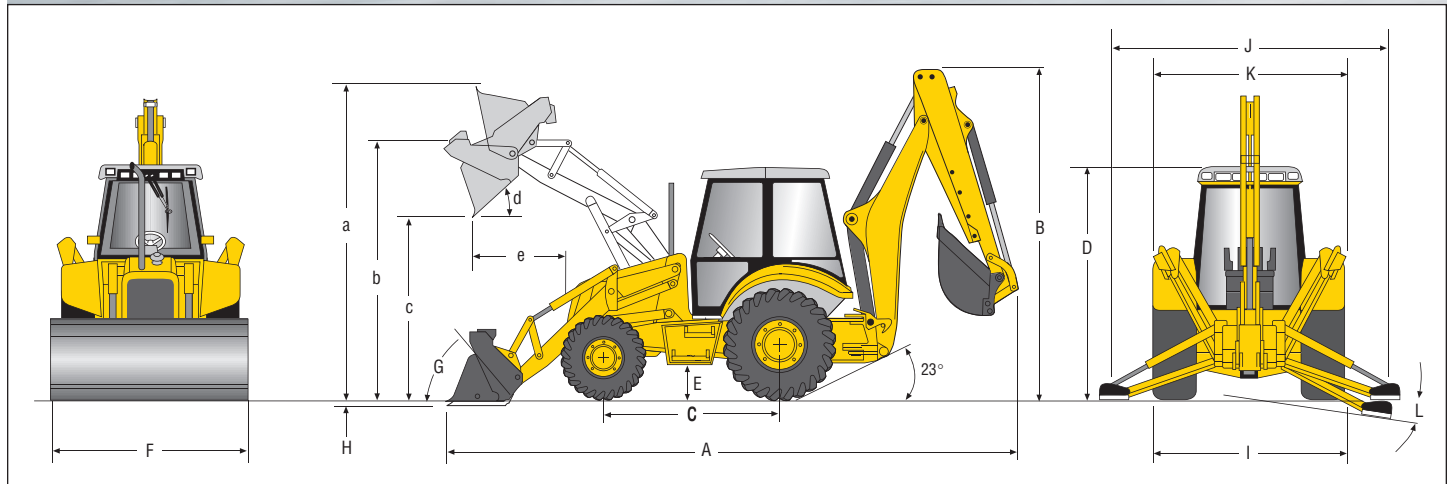
SERVICE INTERVALS

Engine oil	500 hours
Hydraulic oil filter.....	1,000 hours
Engine coolant.....	2,000 hours
Rear axle oil	1,000 hours

*4WD, CAB, HED, Heavy Duty Counterweight, STD Bucket

B95B TC Specifications

DIMENSIONS



DIMENSIONS

A. Transport length, ft/in (mm)	24' 0" (7325)	G. Bucket Rollback At ground level	44°
B. Transport height, ft/in (mm)	12' 6" (3815)	Raised	59°
C. Wheelbase, in (mm)		H. Digging depth below grade, in (mm)	7.5" (295)
2WD	85.6" (2175)	I. Transport width, ft/in (mm)	7' 5" (2300)
4WD	85.6" (2175)	J. Stabilizer spread, operating, ft/in (mm)	10' 7" (3226)
D. Height to top of cab, ft/in (mm)	9' 5" (2870)	K. Stabilizer spread, transport, ft/in (mm)	7' 5" (2300)
E. Ground Clearance, in (mm)	15.5" (394)	L. Stabilizer spread, leveling angle	14°
F. Blade width, in (mm)	88.6" (2250)		

LOADER DIMENSIONS

	1.3 cu yd Heavy-Duty General Purpose	Multi-Purpose (4x1)
a. Max operating height, ft/in (mm)	14' 0" (4256)	14' 4" (4368)
b. Height to hinge pin, ft/in (mm)	10' 10" (3306)	10' 10" (3306)
c. Dump height, ft/in (mm)	7' 10" (2386)	8' 4" (2536)
d. Max dump angle	45°	45°
e. Reach @ 45 degree dump angle, ft/in (mm)	3' 9" (1151)	3' 1" (933)
Max grading angle	130°	130°

LOADER PERFORMANCE

	1.3 cu yd Heavy-Duty General Purpose	Multi-Purpose (4x1)
Linkage geometry	4-bar	4-bar
Max bucket heaped capacity, cu yd (m³)	1.3 (1.0)	1.3 (1.0)
Bucket breakout force, lbs (kg)	14,109 (6400)	14,056 (6375)
Lift capacity to full height, lbs (kg)	6,856 (3110)	7,454 (3381)
SAE heaped capacity, cu yd (m³)	1.3 (1.0)	1.3 (1.0)
SAE struck capacity, cu yd (m³)	1.07 (.82)	1.07 (.82)
Bucket weight, lbs (kg)	880 (399)	1,650 (748)
Cutting width, in (mm)	88 (2250)	88 (2250)
Cycle		
Raise to full height	3.5 sec	4.4 sec
Dump time	2.2 sec	1.2 sec
Lower	2.8 sec	3.4 sec

Unit equipped with 12-16.5 front tire, 19.5L-24 rear tire

B95B TC Specifications

WEIGHT

Base Unit.....	18,135 lbs
With options added	
2WD.....	-386 lbs
Canopy	-397 lbs
4x1	+770 lbs
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Std. (counterweight).....	-769 lbs
Med. (counterweight).....	-239 lbs

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Manufacturer	Turner
Transmission type	Power-reversing/torque conv
Power shuttle standard.....	Yes
Gear 4F/4R	
Max travel speed, FWD, mph (kph)	20 (32.2)
Front tire size, 4WD	12-16.5
Rear tires size, 4WD	19.5L-24

ENGINE

Make and model.....	FPT 445TA/E3
Type	Tier III certified, electronic high pressure common rail, 4-cycle diesel
Aspiration	Turbocharged
Governed RPM.....	2200 RPM
Number of cylinders	4
Displacement, cu in (l).....	273 (4.5)
Horsepower, gross, hp (kW).....	97 (72)
Horsepower, net, hp (kW)	91 (68)
Peak torque, lb-ft (N-m) @ RPM.....	334 (453) @ 1400

MANEUVERABILITY

	Less Brakes	With Split Brakes
2WD curb clearance	13' 6"	12' 7"
4WD curb clearance	15' 9"	11' 5"
2WD bucket clearance.....	17' 9"	16' 8"
4WD bucket clearance.....	19' 5"	16' 6"

HYDRAULIC SYSTEM

System type	Open center
Main pump type	Dual gear
Pump capacity gpm (lpm).....	40 (151)
System relief pressure.....	3,045 psi

ELECTRICAL

Alternator output.....	90 amps
Battery capacity (std/opt).....	1,200/900 CCA

REFILL CAPACITIES

Fuel tank, gal (l).....	35.6 (135)
Cooling system, gal (l)	6.4 (24)
Engine oil, includes filter, gal (l).....	3.7 (14)
Hydraulic tank, gal (l).....	19.7 (75)
Hydraulic system, gal (l)	31 (118)

SWING

Swing force	5,800 lbf-ft
Swing torque	20,901 lbf-ft

CYLINDER SPECS

Loader cylinder.....	3.54" bore x 28.6" stroke
Backhoe	
Boom cylinder	5" bore x 35.71" stroke
Arm cylinder.....	4.75" bore x 27.64" stroke
Bucket cylinder	3.3" bore x 30.16" stroke
Swing cylinder.....	4.33" bore x 9.38" stroke

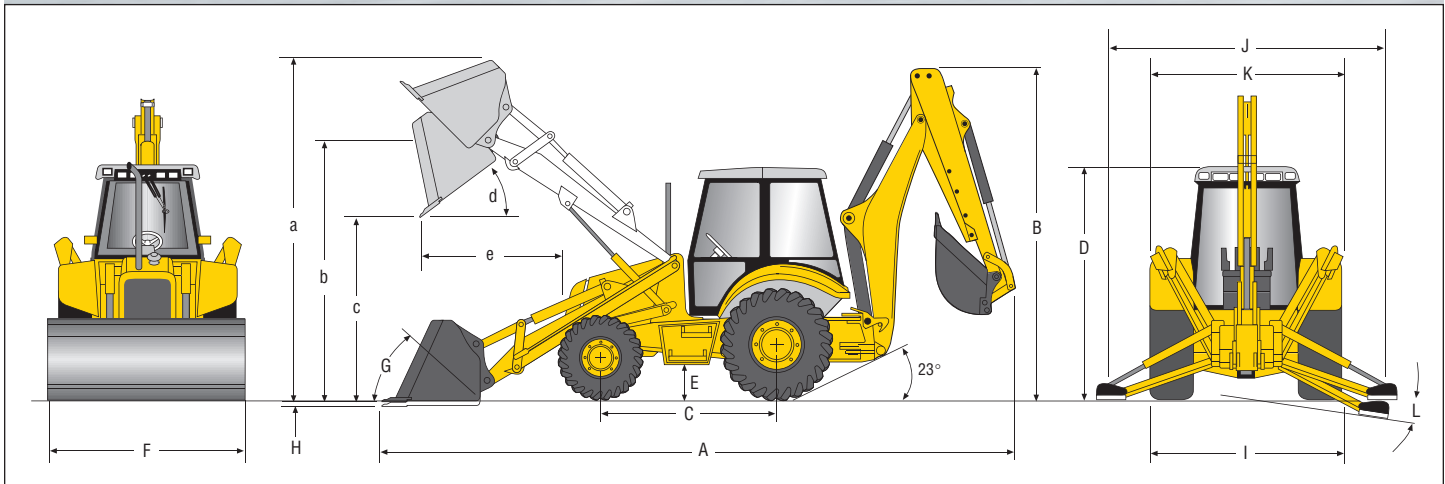
SERVICE INTERVALS

Engine oil	500 hours
Hydraulic oil filter.....	1,000 hours
Engine coolant.....	2,000 hours
Rear axle oil	1,000 hours

*4WD, CAB, HED, Heavy Duty Counterweight, STD Bucket

B95B LR Specifications

DIMENSIONS



DIMENSIONS

A. Transport length, ft/in (mm)	23' 0" (7010)	G. Bucket Rollback At ground level	39°
B. Transport height, ft/in (mm)	12' 6" (3810)	Raised	55°
C. Wheelbase, in (mm)		H. Digging depth below grade, in (mm)	6" (152)
2WD	85.6" (2175)	I. Transport width, ft/in (mm)	7' 6" (2286)
4WD	85.6" (2175)	J. Stabilizer spread, operating, ft/in (mm)	10' 7" (3226)
D. Height to top of cab, ft/in (mm)	9' 5" (2870)	K. Stabilizer spread, transport, ft/in (mm)	7' 6" (2286)
E. Ground Clearance, in (mm)	15.5" (394)	L. Stabilizer spread, leveling angle	14°
F. Blade width, ft/in (mm)	8' 6" (2845)		

LOADER DIMENSIONS

	1.1 cu yd Heavy-Duty General Purpose	1.3 cu yd Heavy-Duty General Purpose	Multi-Purpose (4x1)	Multi-Purpose (6x1)
a. Max operating height, ft/in (mm)	13' 11" (4253)	14' 0" (4284)	14' 0" (4284)	14' 0" (4284)
b. Height to hinge pin, ft/in (mm)	11' 3" (3425)	11' 4" (3456)	11' 4" (3456)	11' 4" (3456)
c. Dump height, ft/in (mm)	8' 10" (2691)	8' 11" (2710)	8' 11" (2714)	8' 11" (2714)
d. Max dump angle	45°	45°	45°	45°
e. Reach @ 45 degree dump angle, ft/in (mm)	2' 7" (797)	2' 7" (797)	2' 5" (732)	2' 7" (797)
Max grading angle	130°	130°	130°	130°

LOADER PERFORMANCE

	1.1 cu yd Heavy-Duty General Purpose	1.3 cu yd Heavy-Duty General Purpose	Multi-Purpose (4x1)	Multi-Purpose (6x1)
Linkage geometry	straight	straight	straight	straight
Max bucket heaped capacity, cu yd (m³)	1.1 (.88)	1.3 (1.0)	1.3 (1.0)	1.3 (1.0)
Bucket breakout force, lbs (kg)	15,212 (6900)	14,109 (6400)	14,056 (6375)	14,056 (6375)
Lift capacity to full height, lbs (kg)	8,095 (3672)	7,925 (3595)	7,454 (3160)	7,176 (3254)
SAE heaped capacity, cu yd (m³)	1.1 (.88)	1.3 (1.0)	1.3 (1.0)	1.3 (1.0)
SAE struck capacity, cu yd (m³)	.91 (.73)	1.07 (.82)	1.07 (.82)	1.07 (.82)
Bucket weight, lbs (kg)	682 (309)	880 (399)	1,650 (748)	2,090 (948)
Cutting width, in (mm)	88 (2250)	88 (2250)	88 (2250)	88 (2250)
Cycle				
Raise to full height	4.4 sec	4.4 sec	4.4 sec	4.4 sec
Dump time	1.2 sec	1.2 sec	1.2 sec	1.2 sec
Lower	2.7 sec	2.7 sec	2.7 sec	2.7 sec

Unit equipped with 12-16.5 front tire, 19.5L-24 rear tire

B95B LR Specifications

WEIGHT

Base Unit.....	16,088 lbs
With options added	
2WD.....	-386 lbs
Canopy	-397 lbs
4x1	+968 lbs
6x1	+1,408 lbs
Std. (counterweight).....	-769 lbs
Med. (counterweight).....	-239 lbs

TRANSMISSION

Manufacturer	Turner
Transmission type	Power-reversing/torque conv
Power shuttle standard.....	Yes
Gear 4F/4R	
Max travel speed, FWD, mph (kph)	20 (32.2)
Front tire size, 4WD	12-16.5
Rear tires size, 4WD	19.5L-24

ENGINE

Make and model.....	FPT 445TA/E3
Type	Tier III certified, electronic high pressure common rail, 4-cycle diesel
Aspiration	Turbocharged
Governed RPM.....	2200 RPM
Number of cylinders	4
Displacement, cu in (l).....	273 (4.5)
Horsepower, gross, hp (kW).....	97 (72)
Horsepower, net hp (kW)	91 (68)
Peak torque, lb-ft (N-m) @ RPM.....	334 (453) @ 1400

MANEUVERABILITY

	Less Brakes	With Split Brakes
2WD curb clearance	13' 6"	12' 7"
4WD curb clearance	15' 9"	11' 5"
2WD bucket clearance.....	17' 9"	16' 8"
4WD bucket clearance.....	19' 5"	16' 6"

HYDRAULIC SYSTEM

System type	Open center
Main pump type	Dual gear
Pump capacity gpm (lpm).....	40 (151)
System relief pressure.....	3,045 psi

ELECTRICAL

Alternator output.....	90 amps
Battery capacity (std/opt).....	1,200/900 CCA

REFILL CAPACITIES

Fuel tank, gal (l).....	35.6 (135)
Cooling system, gal (l)	6.4 (24)
Engine oil, includes filter, gal (l).....	3.7 (14)
Hydraulic tank, gal (l).....	19.7 (75)
Hydraulic system, gal (l)	31 (118)

SWING

Swing force	5,800 lbf-ft
Swing torque	20,390 lbf-ft

CYLINDER SPECS

Loader cylinder.....	3.54" bore x 28.6" stroke
Backhoe	
Boom cylinder	5" bore x 35.71" stroke
Arm cylinder.....	4.75" bore x 27.64" stroke
Bucket cylinder	3.3" bore x 30.16" stroke
Swing cylinder.....	4.33" bore x 9.38" stroke

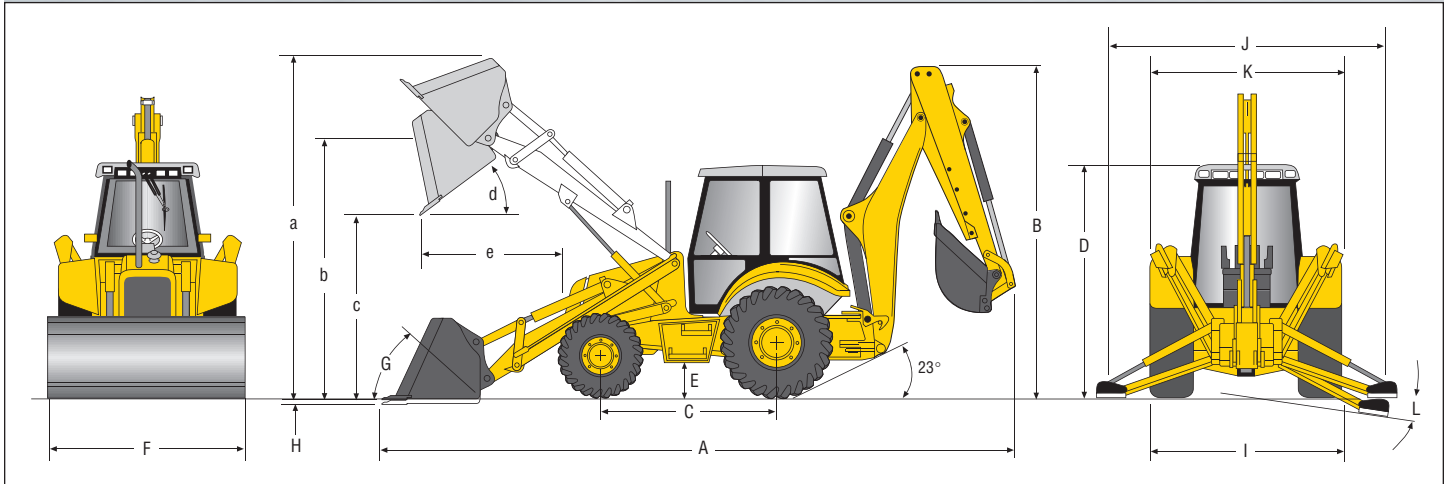
SERVICE INTERVALS

Engine oil	500 hours
Hydraulic oil filter.....	1,000 hours
Engine coolant.....	2,000 hours
Rear axle oil	1,000 hours

*4WD, CAB, HED, Heavy Duty Counterweight, STD Bucket

B110B Specifications

DIMENSIONS



DIMENSIONS

A. Transport length, ft/in (mm)	23' 0" (7030)	G. Bucket Rollback	
B. Transport height, ft/in (mm)	12' 6" (3815)	At ground level	39°
C. Wheelbase, in (mm)		Raised	55°
2WD	85.6" (2175)	H. Digging depth below grade, in (mm)	6.3" (161)
4WD	85.6" (2175)	I. Transport width, ft/in (mm)	7' 6" (2300)
D. Height to top of cab, ft/in (mm)	9' 5" (2870)	J. Stabilizer spread, operating, ft/in (mm)	10' 7" (3226)
E. Ground Clearance, in (mm)	15.5" (394)	K. Stabilizer spread, transport, ft/in (mm)	7' 6" (2300)
F. Blade width, in (mm)	88.6" (2250)	L. Stabilizer spread, leveling angle	14°

LOADER DIMENSIONS

	Heavy-Duty General Purpose	Multi-Purpose (4x1)	Multi-Purpose (6x1)
a. Max operating height, ft/in (mm)	14' 1" (4302)	14' 0" (4284)	14' 0" (4284)
b. Height to hinge pin, ft/in (mm)	11' 5" (3474)	11' 4" (3456)	11' 4" (3456)
c. Dump height, ft/in (mm)	9' 0" (2743)	8' 10" (2702)	8' 10" (2702)
d. Max dump angle	45°	45°	45°
e. Reach @ 45 degree dump angle, ft/in (mm)	2' 7" (775)	2' 5" (732)	2' 7" (795)
Max grading angle	130°	130°	130°

LOADER PERFORMANCE

	Heavy-Duty General Purpose	Multi-Purpose (4x1)	Multi-Purpose (6x1)
Linkage geometry	straight	straight	straight
Max bucket heaped capacity, cu yd (m³)	1.3 (1.0)	1.3 (1.0)	1.3 (1.0)
Bucket breakout force, lbs (kg)	14,109 (6400)	14,056 (6375)	14,056 (6375)
Lift capacity to full height, lbs (kg)	7,925 (3595)	7,130 (3234)	6,823 (3095)
SAE heaped capacity, cu yd (m³)	1.3 (1.0)	1.3 (1.0)	1.3 (1.0)
SAE struck capacity, cu yd (m³)	1.07 (.82)	1.07 (.82)	1.07 (.82)
Bucket weight, lbs (kg)	880 (399)	1,650 (748)	2,090 (948)
Cutting width, in (mm)	88 (2250)	88 (2250)	88 (2250)
Cycle			
Raise to full height	4.4 sec	4.4 sec	4.4 sec
Dump time	1.2 sec	1.2 sec	1.2 sec
Lower	2.7 sec	2.7 sec	2.7 sec

Unit equipped with 12-16.5 front tire, 19.5L-24 rear tire

B110B Specifications

WEIGHT

Base Unit.....	16,316 lbs
With options added	
2WD.....	-386 lbs
Canopy	-397 lbs
4x1	+770 lbs
6x1	+1,810 lbs
Std. (counterweight).....	-769 lbs
Med. (counterweight).....	-239 lbs

TRANSMISSION

Manufacturer	Turner (DANA)
Transmission type	Power-reversing/torque conv (Powershift)
Power shuttle standard.....	Yes
Gear	4F/4R-4F/2R
Max travel speed, FWD, mph (kph).....	20 (32.2)/26 (41.4)
Front tire size, 4WD	14-17.5 / 14-17.5 / 12-16.5 (Galaxy)
Rear tires size, 4WD	21L-24 / 16.9-28 / 19.5L-24 (Galaxy)

ENGINE

Make and model.....	FPT 445TA/83
Type	Tier III certified, electronic high pressure common rail, 4-cycle diesel
Aspiration	Turbocharged after cooled
Governed RPM.....	2200 RPM
Number of cylinders	4
Displacement, cu in (l).....	273 (4.5)
Horsepower, gross, hp (kW).....	110 (82)
Horsepower, net, hp (kW)	108 (80)
Peak torque, lb-ft (N-m) @ RPM.....	381 (516) @ 1400

MANEUVERABILITY

	Less Brakes	With Split Brakes
2WD curb clearance	13' 6"	12' 7"
4WD curb clearance	15' 9"	11' 5"
2WD bucket clearance.....	17' 9"	16' 8"
4WD bucket clearance.....	19' 5"	16' 6"
Turning radius at curb, 4WD brakes applied, ft/in (mm) 11' 5" (3480)		

HYDRAULIC SYSTEM

System type	Open center
Main pump type	Dual gear
Pump capacity gpm (lpm).....	42 (159)
System relief pressure.....	3,045 psi

ELECTRICAL

Alternator output.....	90 amps
Battery capacity (std/opt).....	1,200/900 CCA

REFILL CAPACITIES

Fuel tank, gal (l).....	35.6 (135)
Cooling system, gal (l)	6.4 (24)
Engine oil, includes filter, gal (l).....	3.7 (14)
Hydraulic tank, gal (l).....	19.7 (75)
Hydraulic system, gal (l)	31 (118)

SWING

Swing force	5,800 lbf-ft
Swing torque	20,390 lbf-ft

CYLINDER SPECS

Loader cylinder.....	3.54" bore x 28.6" stroke
Backhoe	
Boom cylinder	5" bore x 35.71" stroke
Arm cylinder.....	4.75" bore x 27.64" stroke
Bucket cylinder	3.3" bore x 30.16" stroke
Swing cylinder.....	4.33" bore x 9.38" stroke

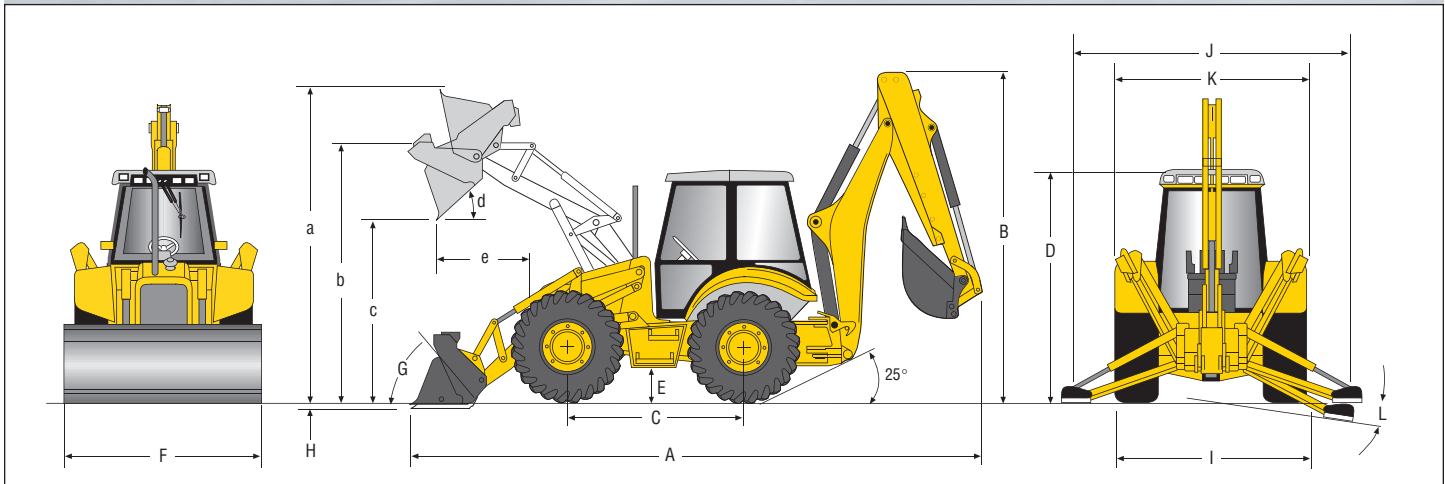
SERVICE INTERVALS

Engine oil	500 hours
Hydraulic oil filter.....	1,000 hours
Engine coolant.....	2,000 hours
Rear axle oil	1,000 hours

*4WD, CAB, HED, Heavy Duty Counterweight, STD Bucket

B115B Specifications

DIMENSIONS



DIMENSIONS

A. Transport length, ft/in (mm)	23' 2" (7080)	G. Bucket Rollback At ground level	45°
B. Transport height, ft/in (mm)	13' 1" (4000)	Raised	59°
C. Wheelbase, in (mm) 4WD	86.6" (2200)	H. Digging depth below grade, in (mm)	6.7" (169)
D. Height to top of cab, ft/in (mm)	10' 0" (3065)	I. Transport width, ft/in (mm)	7' 10" (2380)
E. Ground Clearance, in (mm)	17.8" (450)	J. Stabilizer spread, operating, ft/in (mm)	10' 7" (3225)
F. Blade width, in (mm)	94.5" (2400)	K. Stabilizer spread, transport, ft/in (mm)	7' 10" (2380)
		L. Stabilizer spread, leveling angle	14°

LOADER DIMENSIONS

	Heavy-Duty General Purpose	Multi-Purpose (4x1)	Multi-Purpose (6x1)
a. Max operating height, ft/in (mm)	14' 1" (4293)	14' 6" (4425)	14' 6" (4409)
b. Height to hinge pin, ft/in (mm)	11' 3" (3436)	11' 3" (3440)	11' 3" (3440)
c. Dump height, ft/in (mm)	8' 7" (2625)	8' 9" (2666)	8' 9" (2666)
d. Max dump angle	45°	45°	45°
e. Reach @ 45 degree dump angle, ft/in (mm) Max grading angle	2' 5" (723) 126°	2' 5" (732) 126°	2' 7" (795) 126°

LOADER PERFORMANCE

	Heavy-Duty General Purpose	Multi-Purpose (4x1)	Multi-Purpose (6x1)
Linkage geometry	4-bar	4-bar	4-bar
Max bucket heaped capacity, cu yd (m³)	1.5 (1.15)	1.5 (1.15)	1.5 (1.15)
Bucket breakout force, lbs (kg)	12,169 (5520)	12,165 (5518)	12,165 (5518)
Lift capacity to full height, lbs (kg)	7,464 (3386)	6,892 (3126)	6,488 (2943)
SAE heaped capacity, cu yd (m³)	1.5 (1.13)	1.5 (1.13)	1.5 (1.13)
SAE struck capacity, cu yd (m³)	1.18 (.90)	1.18 (.90)	1.18 (.90)
Bucket weight, lbs (kg)	913 (414)	1,694 (768)	2,134 (968)
Cutting width, in (mm)	94 (2400)	94 (2400)	94 (2400)
Cycle			
Raise to full height	4.7 sec	4.7 sec	4.7 sec
Dump time	1.5 sec	1.5 sec	1.5 sec
Lower	2.4 sec	2.4 sec	2.4 sec

Unit equipped with 1.5yd³ (1.13m³), loader bucket, 24" std. bucket, and 16.9-24 front and rear tires.

B115B Specifications

WEIGHT

Base Unit.....	18,289 lbs
With options added	
4x1	+781 lbs
6x1	+1,221 lbs
Std. (counterweight).....	-769 lbs
Med. (counterweight).....	-239 lbs

TRANSMISSION

Manufacturer	Turner (DANA)
Transmission type	Powershift
Power shuttle standard	—
Gear	4F/2R
Max travel speed, FWD, mph (kph)	24 (39.2)
Max reverse speed, FWD, mph (kph)	8.2 (13.2)
Front tire size, 4WD	16.9-24
Rear tires size, 4WD	16.9-24

ENGINE

Make and model.....	FPT 445TA/83
Type	Tier III certified, electronic high pressure common rail, 4-cycle diesel
Aspiration	Turbocharged after cooled
Governed RPM	2200 RPM
Number of cylinders	4
Displacement, cu in (l).....	273 (4.5)
Horsepower, gross, hp (kW).....	110 (82)
Horsepower, net, hp (kW)	108 (80)
Peak torque, lb-ft (N-m) @ RPM.....	381 (516) @ 1400

MANEUVERABILITY

4WD curb clearance (2ws).....	24' 10" (7585)
4WD curb clearance (4ws).....	14' 3" (4340)
4WD bucket clearance (2ws)	28' 3" (8615)
4WD bucket clearance (4ws)	17' 1" (5210)

HYDRAULIC SYSTEM

System type	Open center load sensing
Main pump type	Dual gear
Pump capacity gpm (lpm).....	42 (159)
System relief pressure.....	3,045 psi

ELECTRICAL

Alternator output.....	90 amps
Battery capacity (std/opt).....	1,200/900 CCA

REFILL CAPACITIES

Fuel tank, gal (l).....	35.6 (135)
Cooling system, gal (l)	6.4 (24)
Engine oil, includes filter, gal (l).....	3.4 (12.8)
Hydraulic tank, gal (l).....	19.7 (75)
Hydraulic system, gal (l)	31 (118)

SWING

Swing torque	5,800 lbf-ft
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CYLINDER SPECS

Loader cylinder.....	3.54" bore x 27.56" stroke
Backhoe	
Boom cylinder	5.25" bore x 35.71" stroke
Arm cylinder.....	4.75" bore x 27.64" stroke
Bucket cylinder	3.3" bore x 30.16" stroke
Swing cylinder.....	4.33" bore x 9.38" stroke

SERVICE INTERVALS

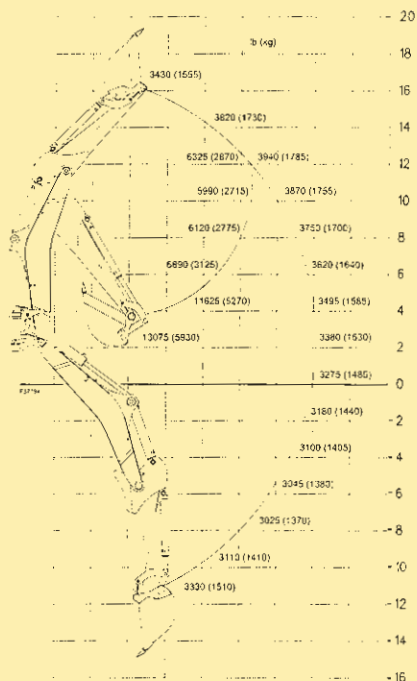
Engine oil	500 hours
Hydraulic oil filter.....	1,000 hours
Engine coolant.....	2,000 hours
Rear axle oil	1,000 hours

Unit equipped with 1.5 cu yd (1.13m³), loader bucket, 24" std. bucket, and 16.9-24 front and rear tires.

B90B Lift Capacities

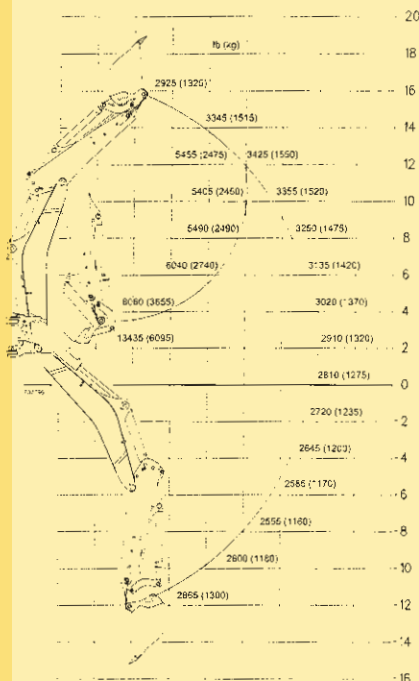
LIFT CAPACITIES

**BACKHOE BOOM AND SHORT BACKHOE DIPPER
WITH HD BACKHOE BUCKET**
610 mm (156 kg) / Loader Bucket 6 x 1



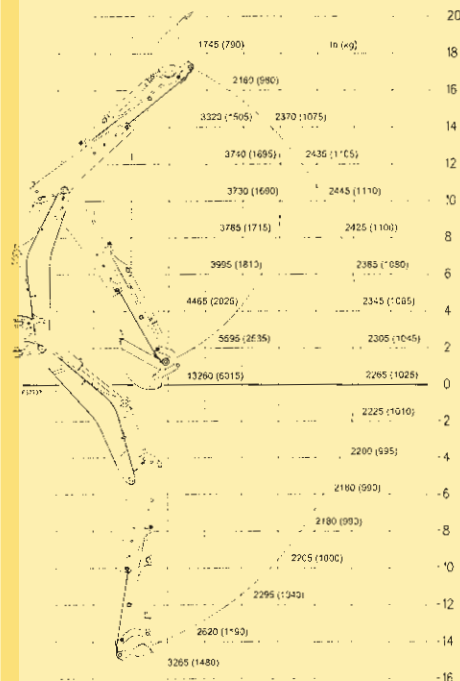
SAE 3,045 psi
P=210 Bar
Front Counterweight
Front Tires: 12-16.5 (contractor 4WD) TITAN
Rear Tires: 19.5L-24 (Ind. Tract. Lug R4) TITAN

**BACKHOE BOOM AND SHORT TELESCOPIC DIPPER
RETRACTED WITH HD BACKHOE BUCKET**
610 mm (156 kg) / Loader Bucket 6 x 1



SAE 3,045 psi
P=210 Bar
Front Counterweight
Front Tires: 12-16.5 (contractor 4WD) TITAN
Rear Tires: 19.5L-24 (Ind. Tract. Lug R4) TITAN

**BACKHOE BOOM AND SHORT TELESCOPIC DIPPER
EXTENDED WITH HD BACKHOE BUCKET**
610 mm (156 kg) / Loader Bucket 6 x 1



SAE 3,045 psi
P=210 Bar
Front Counterweight
Front Tires: 12-16.5 (contractor 4WD) TITAN
Rear Tires: 19.5L-24 (Ind. Tract. Lug R4) TITAN

BACKHOE DIMENSIONS

	Standard	Retracted	Extended
Dig depth, 2' flat bottom, ft/in (mm)	14' 4" (4358)	14' 10" (4518)	18' 3" (5555)
Dig depth, 8' flat bottom, ft/in (mm)	13' 0" (3966)	13' 7" (4138)	17' 2" (5243)
Loading height, ft/in (mm)	12' 0" (3653)	12' 4" (3753)	14' 6" (4421)
Loading reach, ft/in (mm)	5' 1" (1546)	5' 8" (1719)	8' 4" (2529)
Max operating height, ft/in (mm)	18' 1" (5509)	18' 5" (5608)	20' 7" (6276)
Reach from swing post, ft/in (mm)	17' 0" (5179)	17' 5" (5320)	20' 7" (6273)
Stabilizers			
Width, transport, ft/in (mm)	7' 5" (2260)	7' 5" (2260)	7' 5" (2260)
Width, working (SAE), ft/in (mm)	10' 7" (3230)	10' 7" (3230)	10' 7" (3230)
Swing arc	180°	180°	180°

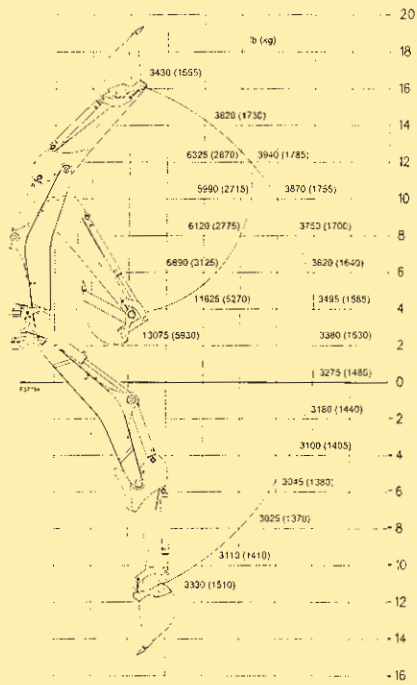
BACKHOE PERFORMANCE

	Standard	Retracted	Extended
Max dig depth, ft/in (mm)	14' 4" (4358)	14' 10" (4518)	18' 3" (5555)
Bucket capacity, cu ft (m³)	7.5 (.21)	7.5 (.21)	7.5 (.21)
Bucket digging force, lbs (kg)	12,592 (5712)	12,592 (5712)	12,592 (5712)
Crowd digging force, lbs (kg)	8,305 (3767)	7,763 (3521)	5,636 (2556)
Boom lift @ -8 ft, lbs (kg)	3,025 (1370)	2,555 (1160)	2,180 (990)
Dipper lift @ +10 ft, lbs (kg)	5,990 (2715)	5,405 (2450)	3,730 (1690)
Bucket rotation (max)	204°	204°	204°

B95B B95B TC Lift Capacities

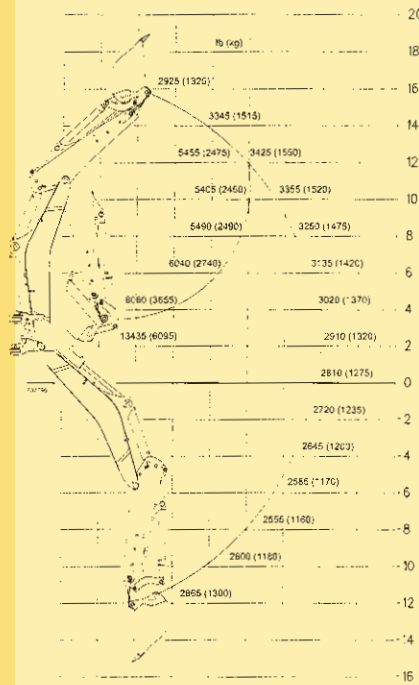
LIFT CAPACITIES

**BACKHOE BOOM AND SHORT BACKHOE DIPPER
WITH HD BACKHOE BUCKET**
610 mm (156 kg) / Loader Bucket 6 x 1



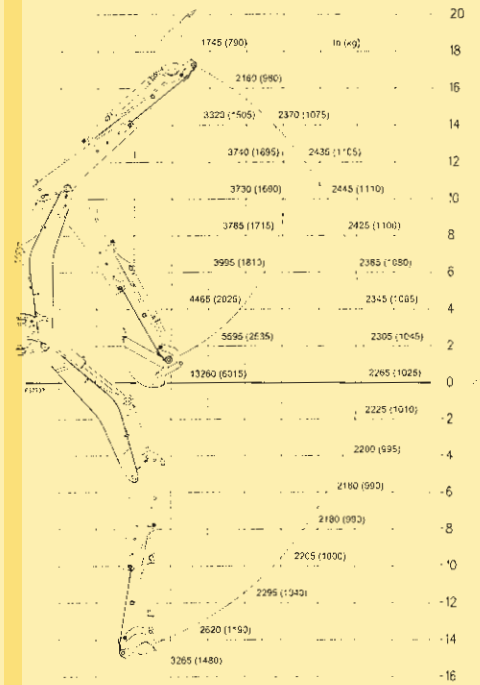
SAE 3,045 psi
P=210 Bar
Front Counterweight
Front Tires: 12-16.5 (contractor 4WD) TITAN
Rear Tires: 19.5L-24 (Ind. Tract. Lug R4) TITAN

**BACKHOE BOOM AND SHORT TELESCOPIC DIPPER
RETRACTED WITH HD BACKHOE BUCKET**
610 mm (156 kg) / Loader Bucket 6 x 1



SAE 3,045 psi
P=210 Bar
Front Counterweight
Front Tires: 12-16.5 (contractor 4WD) TITAN
Rear Tires: 19.5L-24 (Ind. Tract. Lug R4) TITAN

**BACKHOE BOOM AND SHORT TELESCOPIC DIPPER
EXTENDED WITH HD BACKHOE BUCKET**
610 mm (156 kg) / Loader Bucket 6 x 1



SAE 3,045 psi
P=210 Bar
Front Counterweight
Front Tires: 12-16.5 (contractor 4WD) TITAN
Rear Tires: 19.5L-24 (Ind. Tract. Lug R4) TITAN

BACKHOE DIMENSIONS

	Standard	Retracted	Extended
Dig depth, 2' flat bottom, ft/in (mm)	14' 4" (4358)	14' 10" (4518)	17' 11" (5464)
Dig depth, 8' flat bottom, ft/in (mm)	13' 0" (3966)	13' 7" (4138)	17' 0" (5184)
Loading height, ft/in (mm)	12' 0" (3653)	12' 4" (3753)	14' 8" (4453)
Loading reach, ft/in (mm)	5' 1" (1546)	5' 8" (1719)	8' 9" (2687)
Max operating height, ft/in (mm)	18' 1" (5509)	18' 5" (5608)	20' 6" (6250)
Reach from swing post, ft/in (mm)	17' 0" (5179)	17' 5" (5320)	21' 10" (6651)
Stabilizers			
Width, transport, ft/in (mm)	7' 5" (2260)	7' 5" (2260)	7' 5" (2260)
Width, working (SAE), ft/in (mm)	10' 7" (3230)	10' 7" (3230)	10' 7" (3230)
Swing arc	180°	180°	180°

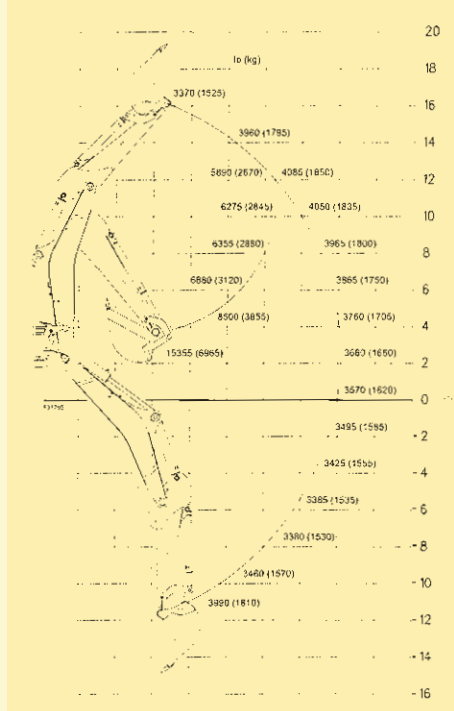
BACKHOE PERFORMANCE

	Standard	Retracted	Extended
Max dig depth, ft/in (mm)	14' 4" (4358)	14' 10" (4518)	18' 3" (5555)
Bucket capacity, cu ft (m³)	7.5 (.21)	7.5 (.21)	7.5 (.21)
Bucket digging force, lbs (kg)	13,255 (6012)	13,255 (6012)	13,255 (6012)
Crowd digging force, lbs (kg)	8,742 (3965)	8,172 (3707)	5,933 (2691)
Boom lift @ -8 ft, lbs (kg)	3,025 (1370)	2,555 (1180)	2,180 (990)
Dipper lift @ +10 ft, lbs (kg)	5,990 (2715)	5,405 (2450)	3,730 (1690)
Bucket rotation (max)	204°	204°	204°

B95B LR Lift Capacities

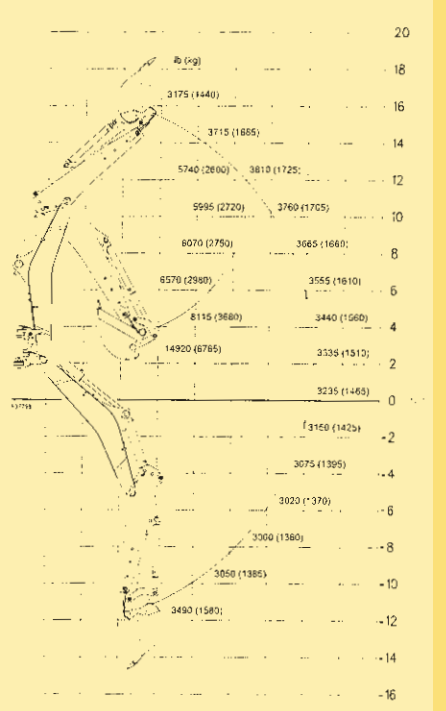
LIFT CAPACITIES

**BACKHOE BOOM AND LONG BACKHOE DIPPER
WITH HD BACKHOE BUCKET**
610 mm (156 kg) / Loader Bucket 6 x 1



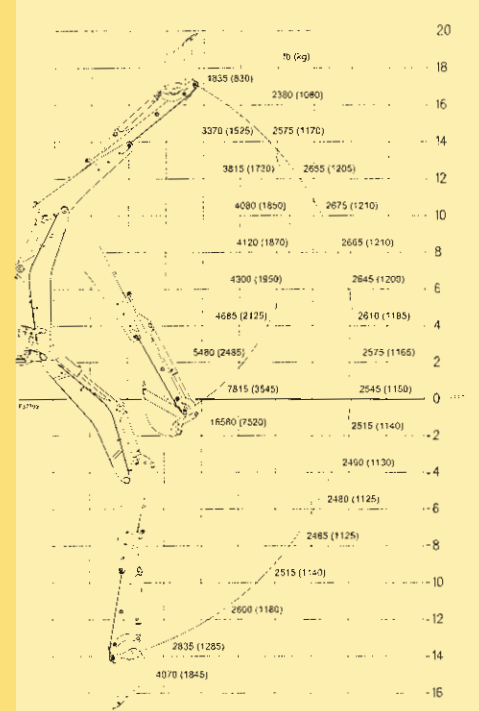
SAE 3,045 psi
P=210 Bar
Front Counterweight
Front Tires: 12-16.5 (contractor 4WD) TITAN
Rear Tires: 19.5L-24 (Ind. Tract. Lug R4) TITAN

**BACKHOE BOOM AND LONG TELESCOPIC DIPPER
RETRACTED WITH HD BACKHOE BUCKET**
610 mm (156 kg) / Loader Bucket 6 x 1



SAE 3,045 psi
P=210 Bar
Front Counterweight
Front Tires: 12-16.5 (contractor 4WD) TITAN
Rear Tires: 19.5L-24 (Ind. Tract. Lug R4) TITAN

**BACKHOE BOOM AND LONG TELESCOPIC DIPPER
EXTENDED WITH HD BACKHOE BUCKET**
610 mm (156 kg) / Loader Bucket 6 x 1



SAE 3,045 psi
P=210 Bar
Front Counterweight
Front Tires: 12-16.5 (contractor 4WD) TITAN
Rear Tires: 19.5L-24 (Ind. Tract. Lug R4) TITAN

BACKHOE DIMENSIONS

	Standard	Retracted	Extended
Dig depth, 2' flat bottom, ft/in (mm)	15' 3" (4659)	15' 4" (4667)	18' 9" (5703)
Dig depth, 8' flat bottom, ft/in (mm)	14' 1" (4299)	14' 1" (4296)	17' 8" (5396)
Loading height, ft/in (mm)	12' 7" (3837)	12' 7" (3839)	14' 9" (4501)
Loading reach, ft/in (mm)	5' 11" (1799)	6' 1" (1853)	8' 9" (2668)
Max operating height, ft/in (mm)	18' 8" (5693)	18' 8" (5694)	20' 10" (6356)
Reach from swing post, ft/in (mm)	17' 10" (5444)	17' 11" (5449)	21' 0" (6403)
Stabilizers			
Width, transport, ft/in (mm)	7' 5" (2260)	7' 5" (2260)	7' 5" (2260)
Width, working (SAE), ft/in (mm)	10' 7" (3230)	10' 7" (3230)	10' 7" (3230)
Swing arc	180°	180°	180°

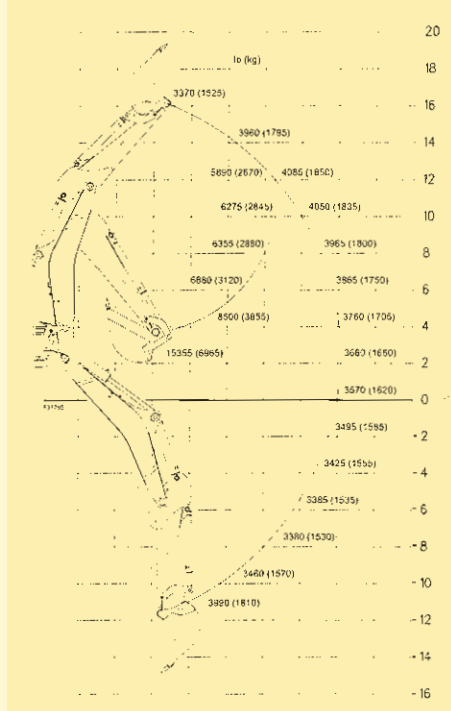
BACKHOE PERFORMANCE

	Standard	Retracted	Extended
Max dig depth, ft/in (mm)	15' 3" (4659)	15' 4" (4667)	18' 9" (5703)
Bucket capacity, cu ft (m³)	7.5 (.21)	7.5 (.21)	7.5 (.21)
Bucket digging force, lbs (kg)	12,618 (5723)	12,618 (5723)	12,618 (5723)
Crowd digging force, lbs (kg)	8,531 (3870)	8,540 (3874)	6,061 (2749)
Boom lift @ -8 ft, lbs (kg)	3,380 (1530)	3,000 (1360)	2,485 (1125)
Dipper lift @ +10 ft, lbs (kg)	6,275 (2845)	5,995 (2720)	4,080 (1850)
Bucket rotation (max)	204°	204°	204°

B110B Lift Capacities

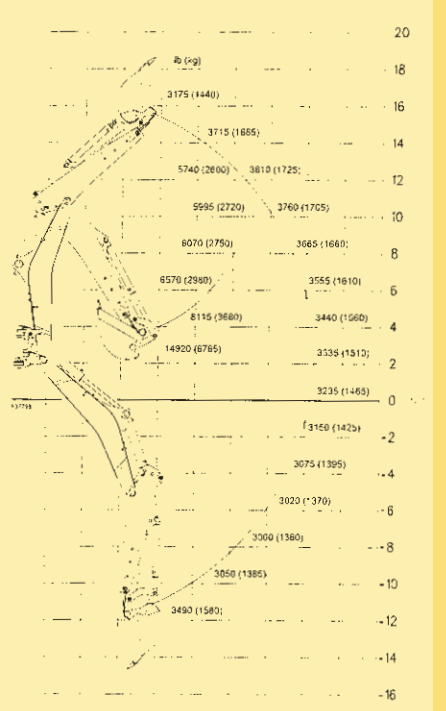
LIFT CAPACITIES

**BACKHOE BOOM AND LONG BACKHOE DIPPER
WITH HD BACKHOE BUCKET**
610 mm (156 kg) / Loader Bucket 6 x 1



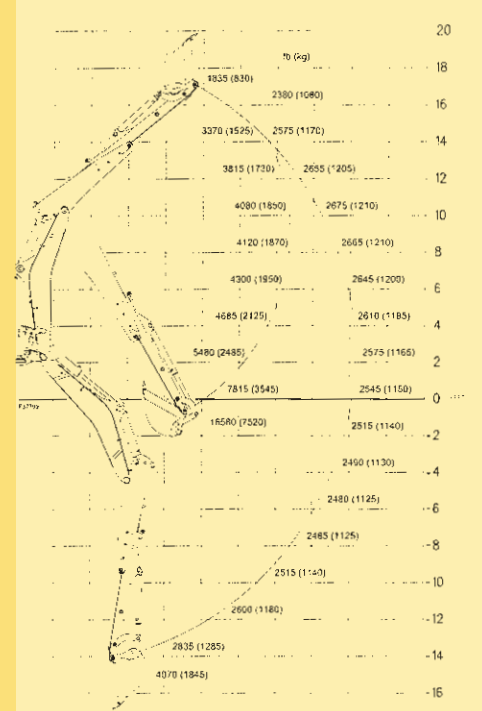
SAE 3,045 psi
P=210 Bar
Front Counterweight
Front Tires: 12-16.5 (contractor 4WD) TITAN
Rear Tires: 19.5L-24 (Ind. Tract. Lug R4) TITAN

**BACKHOE BOOM AND LONG TELESCOPIC DIPPER
RETRACTED WITH HD BACKHOE BUCKET**
610 mm (156 kg) / Loader Bucket 6 x 1



SAE 3,045 psi
P=210 Bar
Front Counterweight
Front Tires: 12-16.5 (contractor 4WD) TITAN
Rear Tires: 19.5L-24 (Ind. Tract. Lug R4) TITAN

**BACKHOE BOOM AND LONG TELESCOPIC DIPPER
EXTENDED WITH HD BACKHOE BUCKET**
610 mm (156 kg) / Loader Bucket 6 x 1



SAE 3,045 psi
P=210 Bar
Front Counterweight
Front Tires: 12-16.5 (contractor 4WD) TITAN
Rear Tires: 19.5L-24 (Ind. Tract. Lug R4) TITAN

BACKHOE DIMENSIONS

	Standard	Retracted	Extended
Dig depth, 2' flat bottom, ft/in (mm)	15' 3" (4659)	15' 4" (4667)	18' 9" (5703)
Dig depth, 8' flat bottom, ft/in (mm)	14' 1" (4299)	14' 1" (4296)	17' 8" (5396)
Loading height, ft/in (mm)	12' 7" (3837)	12' 7" (3839)	14' 9" (4501)
Loading reach, ft/in (mm)	5' 11" (1799)	6' 1" (1853)	8' 9" (2668)
Max operating height, ft/in (mm)	18' 8" (5693)	18' 8" (5694)	20' 10" (6356)
Reach from swing post, ft/in (mm)	17' 10" (5444)	17' 11" (5449)	21' 0" (6403)
Stabilizers			
Width, transport, ft/in (mm)	7' 5" (2260)	7' 5" (2260)	7' 5" (2260)
Width, working (SAE), ft/in (mm)	10' 7" (3230)	10' 7" (3230)	10' 7" (3230)
Swing arc	180°	180°	180°

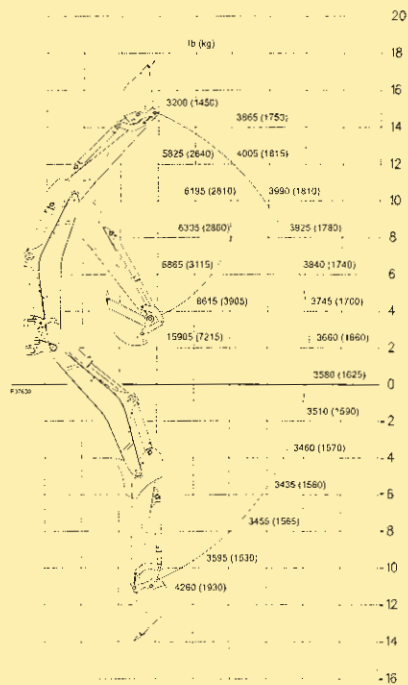
BACKHOE PERFORMANCE

	Standard	Retracted	Extended
Max dig depth, ft/in (mm)	15' 3" (4659)	15' 4" (4667)	18' 9" (5703)
Bucket capacity, cu ft (m³)	7.5 (.21)	7.5 (.21)	7.5 (.21)
Bucket digging force, lbs (kg)	12,618 (5723)	12,618 (5723)	12,618 (5723)
Crowd digging force, lbs (kg)	8,531 (3870)	8,540 (3874)	6,061 (2749)
Boom lift @ -8 ft, lbs (kg)	3,380 (1530)	3,000 (1360)	2,485 (1125)
Dipper lift @ +10 ft, lbs (kg)	6,275 (2845)	5,995 (2720)	4,080 (1850)
Bucket rotation (max)	204°	204°	204°

B115B Lift Capacities

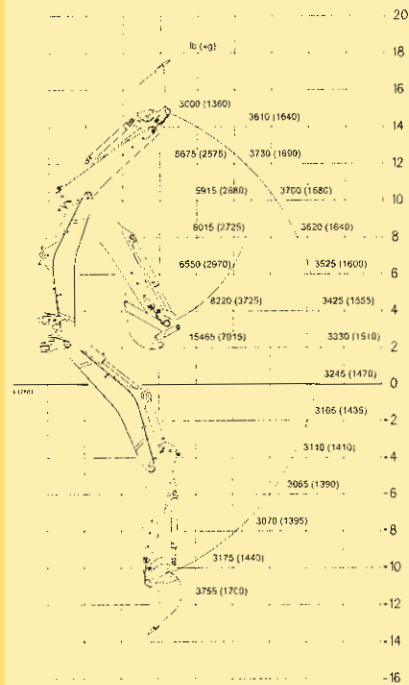
LIFT CAPACITIES

**BACKHOE BOOM AND LONG BACKHOE DIPPER
WITH HD BACKHOE BUCKET**
610 mm (156 kg) / Loader Bucket 6 x 1



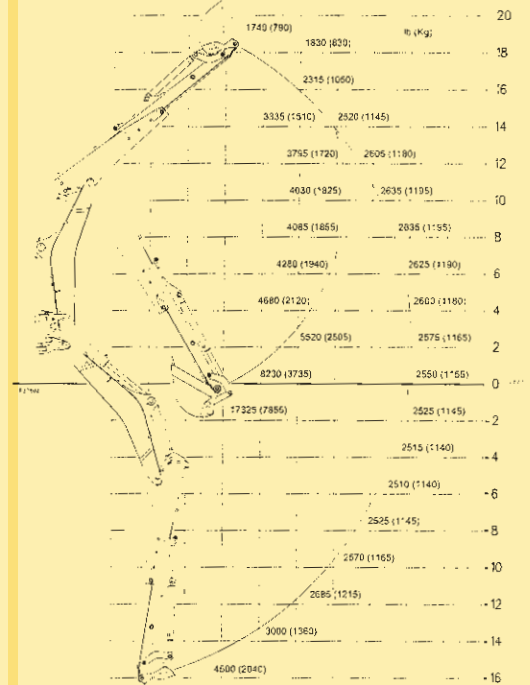
SAE 3,045 psi
P=210 Bar
Front Counterweight
All Tires: 16.9L-24 (Ind. Tract. Lug R4) TITAN

**BACKHOE BOOM AND LONG TELESCOPIC DIPPER
RETRACTED WITH HD BACKHOE BUCKET**
610 mm (156 kg) / Loader Bucket 6 x 1



SAE 3,045 psi
P=210 Bar
Front Counterweight
All Tires: 16.9L-24 (Ind. Tract. Lug R4) TITAN

**BACKHOE BOOM AND LONG TELESCOPIC DIPPER
EXTENDED WITH HD BACKHOE BUCKET**
610 mm (156 kg) / Loader Bucket 6 x 1



SAE 3,045 psi
P=210 Bar
Front Counterweight
All Tires: 16.9L-24 (Ind. Tract. Lug R4) TITAN

BACKHOE DIMENSIONS

	Retracted	Extended
Dig depth, 2' flat bottom, ft/in (mm)	15' 0" (4573)	18' 5" (5609)
Dig depth, 8' flat bottom, ft/in (mm)	13' 9" (4202)	17' 5" (5302)
Loading height, ft/in (mm)	12' 11" (3934)	15' 1" (4598)
Loading reach, ft/in (mm)	6' 1" (1841)	8' 9" (2654)
Max operating height, ft/in (mm)	19' 0" (5788)	21' 2" (6454)
Reach from swing post, ft/in (mm)	17' 10" (5438)	21' 0" (6397)
Stabilizers		
Width, transport, ft/in (mm)	7' 5" (2230)	7' 5" (2230)
Width, working (SAE), ft/in (mm)	10' 7" (3230)	10' 7" (3230)
Swing arc	180°	180°

BACKHOE PERFORMANCE

	Retracted	Extended
Max dig depth, ft/in (mm)	15' 0" (4573)	18' 5" (5609)
Bucket capacity, cu ft (m ³) (std. 24")	7.5 (.21)	7.5 (.21)
Bucket digging force, lbs (kg)	12,618 (5723)	12,618 (5723)
Crowd digging force, lbs (kg)	8,540 (3874)	6,061 (2749)
Boom lift @ -8 ft, lbs (kg)	3,070 (1395)	2,525 (1165)
Dipper lift @ +10 ft, lbs (kg)	5,915 (2680)	4,030 (1825)
Bucket rotation (max)	204°	204°

B90B B95B B95B TC B95B LR

Base & Optional Equipment

BASE EQUIPMENT

ENGINE

Dry dual-element air cleaner
Fuel filter w/ water separator
10 micron paper filter

TRANSMISSION

Power shuttle fully synchronized gearbox,
4 forward/4 reverse speeds, and power-
reversing torque converter
Two position electric disconnect on loader
control and gearshift

REAR AXLE/BRAKES

Planetary final drives
Mechanically-actuated differential lock
Multi-plate, hydraulic, self-adjusting,
self-equalizing wet disc brakes
Independent parking/emergency brake

FRONT AXLE

74" tread width
8-bolt wheel hubs
Hydrostatic power steering with priority valve
Integrated steering cylinder
2WD axle: cast iron
FWD axle: cast iron
FWD electrical engagement with indicator
light

ELECTRICAL

12-volt system
90 amp high-capacity alternator
Single battery
Sealed fuseblock compartment
Water resistant main fuseblock

LIGHTING

4 Halogen worklights on canopy
8 Halogen worklights on cab
Stop and turn signals
Four-way safety flashers

BACKHOE

Includes: Curved boom, Center pivot swing
post, Boom cylinder, and Dipper cylinder
Dipper cylinder and dipstick
2-lever backhoe controls (SAE Pattern)
Dirt pads
Front counterweight - 282 lbs.
Backhoe bucket not included

OPERATOR'S STATION (ROPS)

Dual side entry flat deck
Interior rearview mirror
Built-in beverage holder
Key start switch with electric shut-off
2-position horn control
Electric analog instrumentation
Tachometer/hourmeter
Fuel gauge
Fixed steering wheel
Auxiliary 12-volt output/cigarette lighter
Pre-wired for emergency beacon
Pre-wired for road headlights
Vinyl suspension seat
2-inch retractable seatbelt

OPERATOR'S STATION (CAB)

Dual side entry flat deck
Interior rearview mirror
Built-in beverage holder
Coat hook
Pre-wired for radio
Key start switch with electric shut-off
Headliner
2-position horn control
Molded floor mat
Electric instrumentation
Tachometer/hourmeter
Fuel gauge
Interior dome light
Fixed steering wheel
Auxiliary 12-volt output/cigarette lighter
Pre-wired for emergency beacon
Pre-wired for road headlights
Adjustable side window openings
One-piece rear window
3-speed heater/blower fan
Adjustable front sun-screen shade
Cloth suspension seat
2-inch retractable seatbelt
Heater

LOADER

Straight loader arm design (B90B, B95B,
B95LR)
Curved loader arm design (B95B TC)
4-Bar bucket linkage
Bucket level indicator
Return-to-dig feature
Dual lift and bucket cylinders
Hydromechanical self-leveling (B90B,
B95B, B95B LR)
Single lever control
Loader arm support
1.1 yd³ heavy duty bucket (B90B, B95B,
B95B LR)
1.3 yd³ heavy duty bucket (B95B TC)
Bolt-on cutting edge
Mechanical self leveling (B95B TC)

HYDRAULICS

O-ring Face seal connectors
"PD" type diagnostic port connectors
Open center coaxial drive hydraulic pump
10 micron spin-on filter element
Tandem pump - 151 L/min (40gpm)

SAFETY AND SECURITY

4-Post ROPS/FOPS
Lockable Compartments for: Engine, Hydraulic
System, Battery and Tool storage
Lockable fuel cap
Horn
Backup alarm

OPTIONAL EQUIPMENT

ENGINE

Grid heater starting aid
*110-volt engine block heater
*Centrifugal dust bowl pre-cleaner

ELECTRICAL

Dual batteries

BACKHOE

2-lever pilot controls with pattern changer
*Mechanical backhoe bucket quick coupler
4-lever backhoe controls
2-lever ISO excavator pattern backhoe
controls
HED extendible dipperstick
Multiple bucket options from factory
Heavy-duty and extra heavy-duty backhoe
buckets
Flip over stabilizer pads

OPERATOR'S STATION (ROPS)

Electric ON/OFF control of hydraulic hand tool
function
Foot-activated switch control of backhoe
hammer

OPERATOR'S STATION (CAB)

Air conditioning system
Electric ON/OFF control of hydraulic hand tool
function
Foot-activated switch control of backhoe
hammer
3-inch retractable seatbelt
Tilt steering wheel
Super deluxe Air Ride seat
Cloth suspension seat
Vinyl suspension seat

LOADER

Multiple buckets available
Mechanical Quick Coupler (B90B, B95B, B95B LR)
Aux hydraulics

HYDRAULICS

Backhoe hammer circuit
Mid-mount hand tool circuit
Extra function backhoe valve with
control pedal (less HED)
*Glide Ride control system

TOTAL VEHICLE

Fire extinguisher
Special order paint colors
*External rearview mirrors
Front fenders
*Operator cooling fan
*4wd driveshaft guard kit

LOADER ATTACHMENTS

Sweeper brooms
4x1 bucket
Auger
Claw
Forks
Scrap grapple

BACKHOE ATTACHMENTS

Hydraulic breaker
Hydraulic auger
Hydraulic thumb
Additional buckets

TIRES

Please see your dealer to discuss the other
tire options available.

*Dealer installed option

B110B B115B

Base & Optional Equipment

BASE EQUIPMENT		OPTIONAL EQUIPMENT	
ENGINE Dry dual-element air cleaner Fuel filter w/ water separator 10 micron paper filter Centrifugal dust bowl cleaner TRANSMISSION Power shuttle fully synchronized gearbox, 4 forward/4 reverse speeds, and power-reversing torque converter (B110B) Powershift, 4 forward/2 reverse speeds, with power-reversing torque converter (B115B) Two position electric disconnect on loader control and gearshift REAR AXLE/BRAKES Planetary final drives Mechanically-actuated differential lock (B110B) Limited slip rear axle (B115B) Electric differential lock on powershift Multi-plate, hydraulic, self-adjusting, self-equalizing wet disc brakes Independent parking/emergency brake FRONT AXLE 74" tread width Hydrostatic power steering with priority valve Integrated steering cylinder 2WD axle: cast iron (B110B) FWD axle: cast iron FWD electrical engagement with indicator light ELECTRICAL 12-volt system 90-amp high-capacity Dual web batteries Sealed fuseblock compartment Water resistant main fuseblock LIGHTING 8 halogen worklights Stop and turn signals Four-way safety flashers BACKHOE Includes: Curved boom, Center pivot swing post, Boom cylinder and Dipper cylinder OPERATOR'S STATION (ROPS) (B110 ONLY) Dual side entry flat deck Interior rearview mirror Built-in beverage holder Key start switch with electric shut-off 2-position horn control Electric analog instrumentation Tachometer/hourmeter Fuel gauge Tilt steering wheel Auxiliary 12-volt output/cigarette lighter Pre-wired for emergency beacon Pre-wired for road headlights Vinyl suspension seat SE3-inch retractable seatbelt	OPERATOR'S STATION (CAB) Dual side entry flat deck Interior rearview mirror Built-in beverage holder Coat hook Pre-wired for radio Key start switch with electric shut-off Headliner 2-position horn control Molded floor mat Electric instrumentation Tachometer/hourmeter Fuel gauge Interior dome light Tilt steering wheel Auxiliary 12-volt output/cigarette lighter Pre-wired for emergency beacon Pre-wired for road headlights Adjustable side window openings One-piece rear window 3-speed heater/blower fan Adjustable front sun-screen shade Cloth suspension seat 2-inch retractable seatbelt LOADER Straight loader arm design (B110B) Curved loader arm design (B115B) 4-Bar bucket linkage Bucket level indicator Return-to-dig feature Dual lift and bucket cylinders Hydromechanical self-leveling (B110B) Mechanical self-leveling (B115B) Single lever control 1.3 yd ³ heavy duty bucket (B110B) 1.5 yd ³ heavy duty bucket (B115B) HYDRAULICS O-ring Face seal connectors "PD" type diagnostic port connectors Open center coaxial drive hydraulic pump 10 micron spin-on filter element Relief valve protection Tandem pump - 160 L/min (42gpm) SAFETY AND SECURITY 4-Post ROPS/FOPS Lockable compartments for: Engine, Hydraulic System, Battery and Tool storage Lockable fuel cap Battery disconnect switch 2" Retractable seat belt Horn Backup alarm	ENGINE Grid heater starting aid *110-volt engine block heater *Centrifugal dust bowl pre-cleaner (B110B) TRANSMISSION Powershift, 4 forward/2 reverse speeds, and power-reversing torque converter (B110B) Single lever F-N-R control with safety detent ELECTRICAL Single battery BACKHOE 2-lever pilot controls with pattern changer *Mechanical backhoe bucket quick coupler 4-lever backhoe controls 2-lever ISO excavator pattern backhoe controls HED extendible dipperstick (B110B) Multiple bucket options from factory Heavy-duty and extra heavy-duty backhoe buckets OPERATOR'S STATION (ROPS-B110B ONLY) Electric ON/OFF control of hydraulic hand tool function Foot-activated switch control of backhoe hammer OPERATOR'S STATION (CAB) Air conditioning system Super deluxe Air Ride seat Cloth suspension seat Vinyl suspension seat Speedometer Tilt steering wheel	LOADER Multiple buckets available Aux hydraulics HYDRAULICS Backhoe hammer circuit Mid-mount hand tool circuit Extra function backhoe valve with control pedal (less HED) *Glide Ride control system TOTAL VEHICLE Fire extinguisher Special order paint colors *External rearview mirrors Front fenders *Operator cooling fan *4wd driveshaft guard kit LOADER ATTACHMENTS Sweeper brooms 4x1 bucket Auger Claw Forks Scrap grapple BACKHOE ATTACHMENTS Hydraulic breaker Hydraulic auger Hydraulic thumb Additional buckets TIRES Please see your dealer to discuss the other tire options available.

*Dealer installed option



B SERIES LOADER BACKHOES

B90B

Gross horsepower
95 hp (71 kW)

Base unit weight
15,677 lbs ((7111) kg)

Backhoe bucket capacity
7.5 cu ft (.21 m³)

Loader SAE heaped capacity
1.1 cu yd (.88 m³)

B95B / B95B LR

Gross horsepower
97 hp (72 kW)

Base unit weight
B95B – 16,008 lbs (7261 kg)
B95B LR – 16,028 (7270 kg)

Backhoe bucket capacity
7.5 cu ft (.21 m³)

Loader SAE heaped capacity
1.1 cu yd (.88 m³)

B95B TC

Gross horsepower
97 hp (72 kW)

Base unit weight
18,135 lbs (8226 kg)

Backhoe bucket capacity
7.5 cu ft (.21 m³)

Loader SAE heaped capacity
1.3 cu yd (1.0 m³)

B110B

Gross horsepower
110 hp (82 kW)

Base unit weight
16,316 lbs (7401 kg)

Backhoe bucket capacity
7.5 cu ft (.21 m³)

Loader SAE heaped capacity
1.3 cu yd (1.0)

B115B

Gross horsepower
110 hp (82 kW)

Base unit weight
18,289 lbs (8296 kg)

Backhoe bucket capacity
7.5 cu ft (.21 m³)

Loader SAE heaped capacity
1.5 cu yd (1.13 m³)

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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.

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