

NEW HOLLAND
BOOMER™ UTILITY TRACTORS
TC48DA TC55DA



A SURPRISING COMBINATION OF BIG POWER AND CONVENIENT SIZE





NEW BOOMER™ UTILITY TRACTORS MIX BRAWN AND AGILITY TO MAKE YOU MORE EFFICIENT





INTRODUCING BOOMER™ UTILITY TRACTORS

The TC48DA and TC55DA Boomer™ utility tractors offer a surprising combination of big power and convenient size. Underneath their stylish exterior lies big horsepower and hydraulic capacity that allow you to do more work fast.

MORE EFFICIENT POWER

Boomer utility tractors are more efficient than competitive-brand tractors, turning more of their 48 and 55 gross engine horsepower into usable power at the PTO and drawbar. The unique Omega-shaped bowl at the top of each piston helps to thoroughly mix air and fuel, producing more horsepower per gallon of fuel. These deep skirt and ribbed block design engines are also known for their strength and rigidity and have proven their durability with decades of reliable service. The parent-bore engine design eliminates sleeves and the risk of seal failure.

SMOOTH-SHUTTLING TRANSMISSIONS

Forward-to-reverse shifting is a breeze on the TC48DA and TC55DA, making these tractors ideal for loader

work, blade work and mowing. The standard 12x12 Synchro Shuttle Shift (SSS) transmission allows you to shift from forward to reverse without coming to a complete stop. A 12x12 Electro-Hydraulic Shuttle Shift (EHSS) transmission is optional on the larger TC55DA (4WD only). It allows you to shuttle between forward and reverse without clutching. Both transmissions give you more speed options than competitive 8x4 transmissions giving you more flexibility in implement choices and increased productivity. Both provide the advantage of a convenient, left-hand, console-mounted shuttle lever.

EXTRA TRACTION WHEN YOU NEED IT

When the going gets tough, simply step on the differential lock foot pedal and both rear wheels lock together for added traction. Dependable 2WD axles are standard on both units. For added drawbar pull and better fuel efficiency, equip your TC48DA or TC55DA with optional front wheel drive (FWD).



Shuttling between forward and reverse is as easy as moving the shuttle lever which is located to the left of the steering wheel.

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SUPERIOR COMFORT AND EASY SERVICING

Not only do the TC48DA and TC55DA provide you with the big power you need, they also offer all the convenience and comfort of a Boomer™.

CONTROLS AND VISIBILITY THAT PUT YOU AT EASE

The more comfortable you are, the more productive you are. And, you'll find that the superior visibility and convenience of the Boomer Comfort Plus™ operator platform really pays off in operator efficiency. The open, wide platform gives you an uncluttered path on and off—from either side of the tractor. And, your visibility is exceptional. The sloped hood, matching curved-boom loaders and the underhood muffler provide you with excellent visibility to the front—a real advantage during loader applications.

You'll appreciate the smooth ride from the large, high-back, contoured seat. It slides forward and back on an inclined/declined track to give taller operators the legroom they need, and places shorter operators closer to the pedals. Both positions give you the same superior forward visibility.

The steering wheel tilts and telescopes infinitely for your comfort as well.

Boomer™ controls are designed to help you get each job done more efficiently and comfortably. Levers, buttons and controls are positioned where they come naturally to hand. No stretching or reaching is necessary. And, controls are color-coded and embossed with their function for easy identification.

THE BEST LIGHTING PACKAGE

The unique Boomer™ headlight design illuminates your work area to both front and side to make you more productive and safe when operating before dawn or after dusk. The lighting package uses four halogen headlights—two aimed to the front and two high-mounted corner lights—to brighten your path



Flip up the hood on TC48DA and TC55DA tractors for complete service access.





SIMPLIFIED MAINTENANCE

Boomer utility tractors are easy to service. All routine maintenance points are located on the right side of the engine. You can easily check engine oil level without raising the hood and without removing the loader. A dipstick located at the rear of the tractor allows you to

check rear axle, and hydraulic system fluid levels. The transmission dipstick is on the platform of the tractor.

If you want more access, simply lift the one-piece hood and you have it—complete access to the engine, radiator, filters. The standard 13.5-gallon fuel tank provides for about five to seven hours of operation for extended use between fill-ups.



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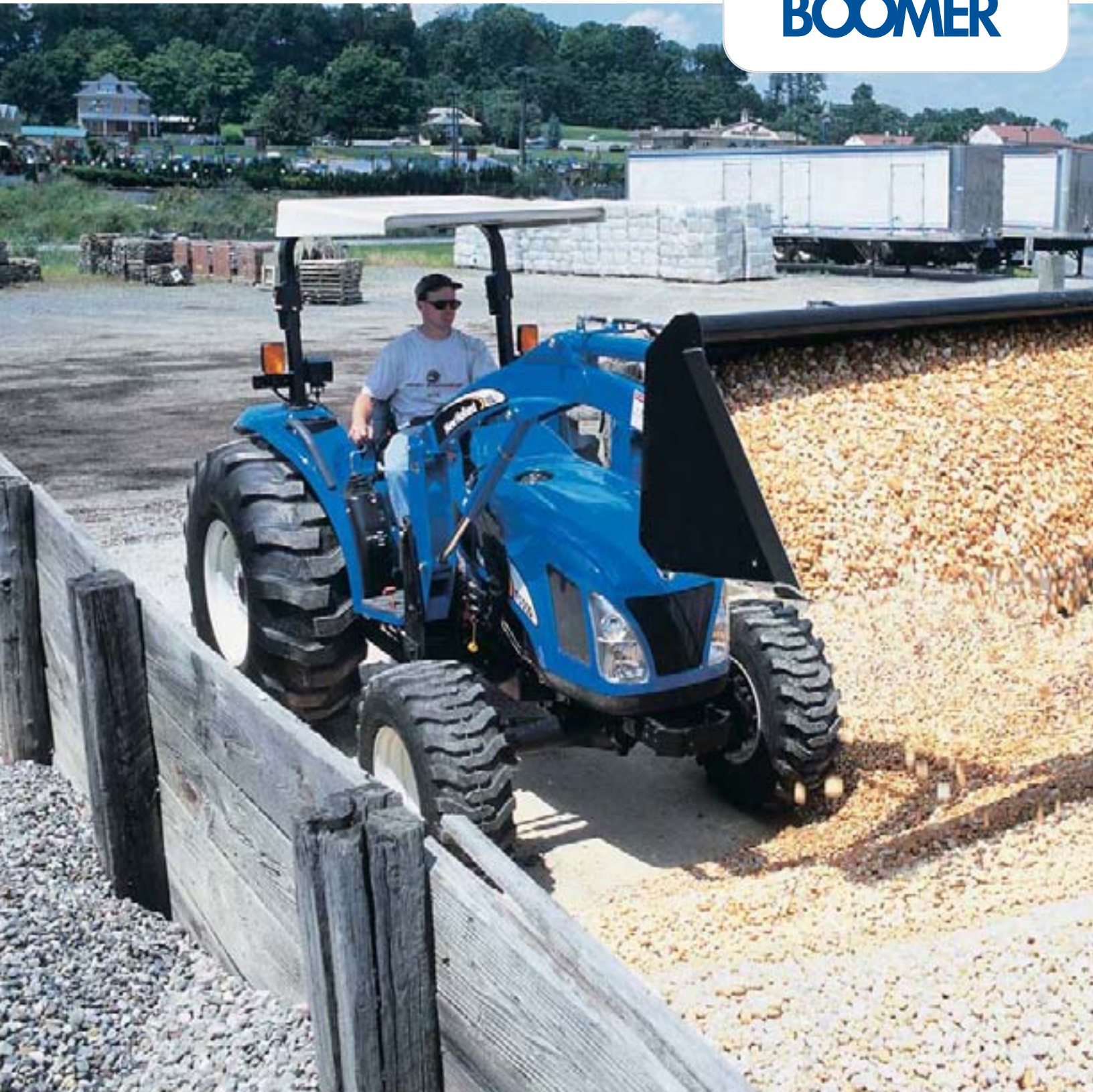
LIFT BIG LOADS WITH EASE

Match a New Holland Boomer™ utility tractor with the new 18LA front loader and you've got the perfect machine for moving mulch, gravel, snow,

dirt or hay. And with a 2,213-pound lift capacity at 59 inches high, you can load pallets onto a flatbed truck with ease. The 18LA's longer curved boom

design provides excellent visibility, superior reach and maximum lifting capabilities.

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QUICK-LATCH™ SYSTEM

You can easily remove and attach the 18LA loader as needed. The New Holland Quick-Latch™ system allows you to easily unlatch the loader and simply back away. You can remove the entire unit without tools to make it easy to move from job to job.

HEFTY HYDRAULICS

Hydraulic flow and three-point lift are ample. A dedicated gear pump provides a generous flow of 12.03 gallons per minute (gpm) on the TC48DA and 11.60 gpm on the TC55DA, while a separate 5.52-gpm pump supplies power for hydrostatic power steering. You get instant response and fingertip control with the hydraulic position and draft control levers located on the right hand control pod and flow control valve adjustment located under the front part

of the seat platform. You get plenty of lifting power at the three-point hitch, too. It's SAE rated at 3,465 pounds of lift @ 24 inches behind the lift balls. Flexible link ends, telescoping stabilizers, swinging adjustable drawbar and crank-style leveling adjustment are standard equipment to make implement hookup a breeze.



Optional Quick-Attach™ faceplate (skid steer loader compatible) is available for Quick-Attach buckets and attachments.





Front bumper / Grill guard



Deluxe 3-point hitch



759C backhoe



18LA loader

Optional Equipment

- Soft cab
- Front-end weights
- Rear-wheel weight
- Rear counter-weight bracket
- Linkage drawbar
- Front-end weight carrier
- FOPS canopy
- Drawbar clevis
- Sunshade canopy
- Front bumper/grill guard
- Rear work lamp
- Engine coolant heater
- Remote hydraulic valves kit
- Rear remote valve kits (maximum 3, choice of simple or detented valves)
- 2-function mid-mount remote hyd. with Joystick control
- Armrest assembly
- Deluxe radio
- Right-hand step

SPECIFICATIONS

TC48DA

TC55DA

ENGINE

Gross engine hp (kW)	ISM-N844L 48 (35.8)	ISM-N844L-T 55 (41.0)
PTO hp (kW), SSS transmission	40 (29.84)	47 (35.06)
EHSS transmission	NA	46 (34.3)
Rated speed, rpm	2800 +/- 50	2700 +/- 50
Cylinders	4	4
Aspiration	Natural	Turbocharged
Displacement, cu.in. (L)	135.2 (2.216)	135.2 (2.216)
Fuel capacity, gal. (L)	13.5 (51)	13.5 (51)

TRANSMISSIONS

12x12 Synchro Shuttle Shift (SSS)		
Min/Max forward speed with R1 tires, mph (k/hr)	1.15(1.85)-18.49 (29.76)	1.11(1.78)-17.83 (28.70)
12x12 Electro-Hydraulic Shuttle Shift (EHSS)		
Min/Max forward speed with R1 tires, mph (k/hr)	NA	1.17(1.89)-18.93 (30.47)

BRAKES

POWER TAKE OFF (PTO)	Wet disc Independent 540 rpm	Wet disc Independent 540 rpm
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HYDRAULICS

Pump type	Gear	Gear
Pump capacity, gpm (lpm)*	12.03 (45.49)	11.60 (43.86)
Power steering pump, gpm (lpm)*	5.52 (20.87)	5.52 (20.87)
3-point hitch lift capacity, 24 in. behind the lift balls, lb. (kg)	3,465 (1571)	3,465 (1571)

* @ rated speed

DIMENSIONS (with AG TIRES)

Overall length, 3-pt raised, in. (mm)	137.3 (3487)	137.3 (3487)
Overall width (minimum), in. (mm)	64.4 (1635)	64.4 (1635)
Wheelbase, in. (mm)	74.8 (1900)	74.8 (1900)
Height to top of ROPS, in. (mm)	95.0 (2413)	95.0 (2413)
Shipping weight, lbs. (kg)	4158 (1886)	4238 (1922)

TIRE OPTIONS

Ag Tires

Front, 2WD	9.5L x 15 or 11L-15SL	9.5L x 15 or 11L-15SL
Front, FWD	8-16 R1 or 9.5 x 16	8-16 R1 or 9.5 x 16
Rear, 2WD/4WD	14.9-28	14.9-28
Rear, 4WD	14.9-24 (with 8-16 front only)	14.9-24 (with 8-16 front only)

Turf Tires

Front, 2WD/FWD	27 x 10.5-15R3	27 x 10.5-15R3
Rear, 2WD/FWD	44 x 18-20 R3	44 x 18-20 R3

Industrial Tires

Front, 2WD	11L-15SL or 9.5L-15	11L-15SL or 9.5L-15
Front, FWD	12-16.5 R4	12-16.5 R4
Rear, 2WD/FWD	18.4-24 R4	18.4-24 R4

Galaxy® Tires (not compatible with loader installation)

Front, 2WD	25/1050LL x 15	25/1050LL x 15
Front, FWD	27/12LL x 15	27/12LL x 15
Rear, 2WD/FWD	22.5LL x 16.1	22.5LL x 16.1



Ballasting box



Rear worklight



48DA sunshade

18LA LOADER SPECIFICATIONS

Lift capacity @ 59 inches, lbs (kg)	3500 (1588) @ bucket pivot 2213 (1003) @ 19.7 in. (500mm) forward
Lift capacity to full height, lbs (kg)	2500 (1134) @ bucket pivot 1830 (830) @ 19.7 in. (500mm) forward
Maximum breakout force, lbs (kg)	5000 (2268) @ bucket pivot 3114 (1412) @ 19.7 in. (500mm) forward
Maximum lift height, in (mm)	112.3 (2852.4)
Reach, full height with bucket dumped, in (mm)	32 (812.8)
Dump clearance, full height with bucket dumped, in (mm)	85.23 (2164.8)
Dig depth, in (mm)	4.9 (124)
Maximum dump angle	49°
Rollback angle	39°
Cycle Time	
Loader Raise	4.1
Loader Lower	3.9
Bucket Dump	4.1
Bucket Rollback	3.2
Total	15.3

759C UTILITY BACKHOE

Controls	2-lever
Digging Force	
With bucket cylinder, lbs (kg)	4400 (1996)
With dipper cylinder, lbs (kg)	2800 (1270)
Reach from swing pivot, in (cm)	149 (378.5)
Swing arc	180°
Transport height, in (cm)	95 (241.3)
Digging depth, in (cm)	
2-foot flat bottom	114 (289.6)
8-foot flat bottom	96 (243.8)
Operating height, in (cm) (fully raised)	145 (368.3)
Loading height, in (cm)	92 (233.7)
Bucket rotation	180°
Stabilizer spread, in (cm) (working)	117 (297.2)
Stabilizer spread, in (cm) (transport)	74 (187.9)
Bucket sizes, in (cm)	72 (182.9)
Light-duty material, pin-on	
Heavy-duty high-capacity, pin-on	
Light-duty material, Quick-Attach™	
Heavy-duty high-capacity, Quick-Attach™	

Specifications vary with tractor model, hydraulic system, tire size, etc.

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Add the 759C utility backhoe or 18LA front loader to turn your Boomer™ utility tractor into an earth-moving machine.





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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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