

# Largest Branson Tractors

Models 7845 and 8050



[www.bransontractor.com](http://www.bransontractor.com)



# Branson Tractors Model 7845

## Branson's Newest at 78 HP 7845 with Enclosed Cab or without CAB

Branson Tractors is proud to introduce the 7845 model tractor. The 7845 engine is genuine "Branson Built." It is turbocharged, inter cooled and is rated at a quiet 2500 RPMs.

If you like lots of torque...*this engine is for you.* The heavy duty, sharp turning, front axle is a *must* for loader work.

Branson's 7845 front axle steers 56 degrees each direction, and does NOT use a drag link.

Smooth, powerful and turns on a dime...*you will like it!* Levers, gear shifts, buttons and light panels are all designed logically for ease and simplicity of operation. The 7845 tractor is available in a Cab or ROPs model.



**7845 is also available with BL45 Front End Loader**

### 7845 FEATURES:

- The power shuttle is completely electro-hydraulic in operation, is fully modulated, and very smooth.
- Dual-pump hydraulic system provides 19.3 gpm TOTAL FLOW. The steering pump provides 7.3 gpm and the function pump provides 11.5 gpm. Each pump is independent of each other, and makes hydraulic, loader, hitch and the steering system all function smoothly.
- 540 and 540E Independent PTO



# Branson Tractors Model 8050

## Branson's BIGGEST: 8050 with Enclosed Cab

Branson Tractors spent several years in research and development of the new luxurious enclosed cab tractor—the largest tractor in Branson's line. The result is the beautiful, new 8050—built with the operator in mind. The seat is wide and adjustable. The front windows extend from floor to ceiling giving the driver 360° visibility. Each window panel in the cab opens for fresh air enjoyment, or closes to use the high functioning air-conditioner (or heater). Levers, gear shifts, buttons and light panels are all designed logically for ease and simplicity of operation.

**Warranty.** Branson Tractors are an exceptional value, durable and are easy to maintain; and also offer a four-year limited warranty

### 8050 FEATURES:

- ▶ Ease of use clutch-less forward and reverse transmission operation (power-shuttle)
- ▶ 12-speed forward/reverse
- ▶ Adjustable tire width for different sized rows
- ▶ 540 / 540E Independent PTO
- ▶ Ergonomically designed, user friendly, spacious cab

**4 YR. LTD  
WARRANTY**

### 8050 is also available with BL50 Front End Loader

Branson Tractors range in size from 24 to 80 horsepower. Visit a dealer or our website for more information about all Branson Tractor models.

[www.bransontractor.com](http://www.bransontractor.com)





## 7845 TRACTORS WITH OR WITHOUT CAB

**TRANSMISSION:** 7845 transmission has 4 ranges with 4 speeds within each range (16F/16R). The speed transmission is fully synchronized enabling "on the go" shifting. The transmission has slow speeds for PTO operation, tillage speeds in the three to six mph range, and a transport speed of 25 mph.



**KENWOOD RADIO / CD PLAYER**  
AM-FM radio with a CD player makes your time in the field more enjoyable.



### DELUXE SEAT AND OPERATOR'S PLATFORM

The seat is very comfortable with adjustments including a lumbar control. Operator's platform and the cab is ergonomically designed, user friendly and spacious.

### TELESCOPIC LIFT ARMS WITH EXTERNAL CONTROLS

Implements are easier to attach, operate and maintain.





## 8050 CAB TRACTORS HAVE MORE HEAD ROOM AND GREATER VISIBILITY

A higher ceiling offers more head room for the operator. All glass panels surrounding the cab, even all the way to the floor, giving the operator a full 360° view of the terrain.



### EASY ACCESS TO ENGINE AREA

The operator can raise and lower the hood with one hand, to access the engine and other mechanical components for easy maintenance.



### EXTERNAL 3-POINT HITCH CONTROLS

Easily raise and lower your attachments while standing at the rear of the tractor with an external panel control.



### CLUTCH-LESS GEAR SHIFT

Move easily through forward and reverse gears with on column clutch-less gear shift.



### DELUXE HEATER AND AIR CONDITIONER

Located overhead, the controls are easy to use and provide maximum climate control comfort for the operator.

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# Branson Tractors 7845C and 7845R

## FEATURES AND SPECIFICATIONS

			7845 C	7845 R
<b>DRIVE SYSTEM</b>			4-WHEEL DRIVE	
<b>DIMENSIONS</b>	Overall Length	in.	152.7	
	Overall Width	in.	74.5	
	Overall Height	in.	107.8	102.6
	Wheelbase	in.	86.6	
	Ground Clearance	in.	18.3	
	Weight	lb.	6,250	5752
<b>TREAD DIMENSIONS</b>	Front	in	56.4	
	Rear	in	57	
<b>ENGINE</b>	Model		D3400T10-UTC-3	D3400T1-UTR-3
	Type		Vertical, 4 Cycle, Water Cooled, Diesel, EPA Tier Certified	
	Combustion System		Direct Injection	
	Aspiration		Turbo Charged	
	Engine Output	HP	78	
	Engine RPM	RPM	2500	
	No. of Cylinders		4	
	Bore x Stroke	in.	3.85 x 4.44	
	Displacement	cu in.	208	
	Type of Air Cleaner		Dry, Double Filter Element	
<b>ELECTRONICS</b>	Battery	volt	12	
	Alternator	amps	70	
<b>STEERING</b>			Hydrostatic	
<b>CLUTCH</b>			Multi, wet	
<b>BRAKE</b>			Wet disc	
<b>TRANSMISSION</b>	Main Shifting		Fully Synchronized (4 Speed)	
	Forward/Reverse Method		Power Shuttle (hydraulic shuttle)	
	Gear Shifting (Front x Rear)		F16 x R16	
	Travel Speed	MPH	F:0.19 ~ 24.8 R: .19 ~ 25.6	
<b>PTO</b>	Type		Independent PTO (6 spline shaft)	
	Power		64 hp	
	Speed	RPM	540/750(540E)/1000	540/750(540E)

<b>HYDRAULIC SYSTEM</b>	Type	Electric over hydraulic control (position, draft & mixed)	
	3 Point Hitch	Telescopic lower link / stabilizers	
	Category	Category II	
<b>TIRES</b>	Agricultural	GPM	Steering Pump - 8.3
			Main Pump - 12.4
<b>TIRES</b>	Agricultural	Front	11.2 x 24
		Rear	16.9 x 30

### FRONT END LOADER - BL45



Maximum Lift Height	in	111.7
Clearance with Attachment Level	in	101.1
Clearance with Attachment Dumped	in	79.2
Reach at Maximum Height	in	18.7
Maximum Dump Angle	degree	68°
Reach with Attachment on Ground	in	76
Attachment Rollback Angle	degree	32°
Digging Depth Below Grade	in	4.7
Overall Height in Carry Position	in	56.7
Depth of Attachment (to back of inner shell)	in	24
Height of Attachment	in	23.8
Depth of Attachment (to pivot pin)	in	30.8
Lift Capacity to Full Height @ Pivot Pins	lbs	2804
Breakout Force @ Ground Level, pivot pin	lbs	5467
Loader Dry Weight	lbs	1541
Bucket Size: 74 in (Quick Attachment) Heaped capa.13.8 ft ^ 3		

# Branson Tractors 8050

## FEATURES AND SPECIFICATIONS

DRIVE SYSTEM			4 WHEEL-DRIVE	
<b>DIMENSIONS</b>	Overall Length	in.	157	
	Overall Width	in.	76	
	Overall Height	in.	106	
	Wheelbase	in.	88	
	Front Tread	in.	72	
	Rear Tread	in.	72	
	Ground Clearance	in.	16.7	
	Weight	lbs.	7910	
<b>ENGINE</b>	Model		D3400T5-ATAC	
	Type		Vertical, 4 Cycle, Water Cooled, Diesel, EPA Tier Certified	
	Combustion System		Direct Injection	
	Aspiration		Turbo Charged	
	Engine Output	HP	78	
	Engine RPM	RPM	2500	
	No. of Cylinders		4	
	Bore x Stroke	in.	3.86 x 4.45	
	Displacement	cu in.	208	
	Compression Ratio		18.5 : 1	
	Type of Air Cleaner		Dry, Double Filter Element	
Fuel Tank Capacity	gal	31.7		
<b>ELECTRONIC</b>	Alternator	amp	70	
	Battery	volt	12	
<b>STEERING</b>			Hydrostatic	
<b>CLUTCH</b>			Multi, wet	
<b>BRAKE</b>			Wet disc / Band brake	
<b>TRANSMISSION</b>	Main Shifting		Fully Synchronized (4 Speed)	
	Forward/Reverse Method		Power Shuttle (hydraulic shuttle)	
	Gear Shifting (Front x Rear)		F12 x R12	
	Creep Speed (optional)		F16 x R16	
	Travel Speed	MPH	F:0.95 – 18.6 R: 1.13 - 21	
	Travel Speed (creeper)	MPH	F:0.16 – 18.6 R: 0.18 - 21	

<b>PTO</b>	Type		Independent P.T.O., 6 spline shaft	
	Speed	RPM	540 / 750 (540E)	
	PTO power	HP	65	
<b>HYDRAULIC SYSTEM</b>	Type	Electric over hydraulic control (position, draft & mixed)		
	Category	Category II		
	Pump Flow (at 2500 rpm)	GPM	Steering Pump - 8	
		GPM	Main Pump - 14.5	
Lift capacity (at 24" behind lift point)	lbs	5000		
<b>TIRES</b>	Tire Type		Front Tire	Rear Tire
	Agriculture		11.2 x 24	18.4 x 30

Specifications are subject to change without notice. Contact your local Branson dealer for more information.

### FRONT END LOADER - BL50

A. Maximum lift at to pivot pin	in	141.54
B. Maximum lift height under level bucket	in	136.06
C. Clearance with bucket dumped	in	112.40
D. Reach at maximum lift height	in	15.35
E. Maximum dump angle	degree	65°
F. Reach with bucket on ground	in	84.84
G. Maximum rollback angle	degree	46°
H. Digging depth	in	-7.36
J. Overall height in carry position	in	68.31
L. Depth (Horizontal distance)	in	25
M. Height (Overall vertical height)	in	23.6
N. Length (Horizontal distance)	in	32.5
Lift Capacity to Maximum Height @ Pivot Pins	lbs	3970
Breakout Force @ Ground Level, pivot pin	lbs	8136
Bucket rollback force at ground line (@ 31.5 inches forward of pivot)	psi	5468
Loader dry weight	lbs	2246
Bucket Size: 84 in (Quick Attachment) Rated capa. / 13.5 ft <sup>3</sup> / Heaped capa. / 24.4 ft <sup>3</sup>		



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