

Mid-Size Tractor Series

3015R, 3015H, 3515R, 3515H, 4015R and 4015H



STANDARD FEATURES AND OPTIONS



4015R

Welcome to Branson Tractors and the Mid-Sized Series

Branson Tractors designed their midsize tractors with rugged, dependability in mind. The company is owned by Kukje Manufacturing of South Korea, a leader in the field of agricultural equipment with over 50 years experience in design, development and manufacture of tractors and other heavy duty agricultural equipment.

The tractors are shipped to the United States and assembled in Rome, Georgia (US Headquarters), Oregon and Texas for distribution by dealers throughout the United States and Canada.

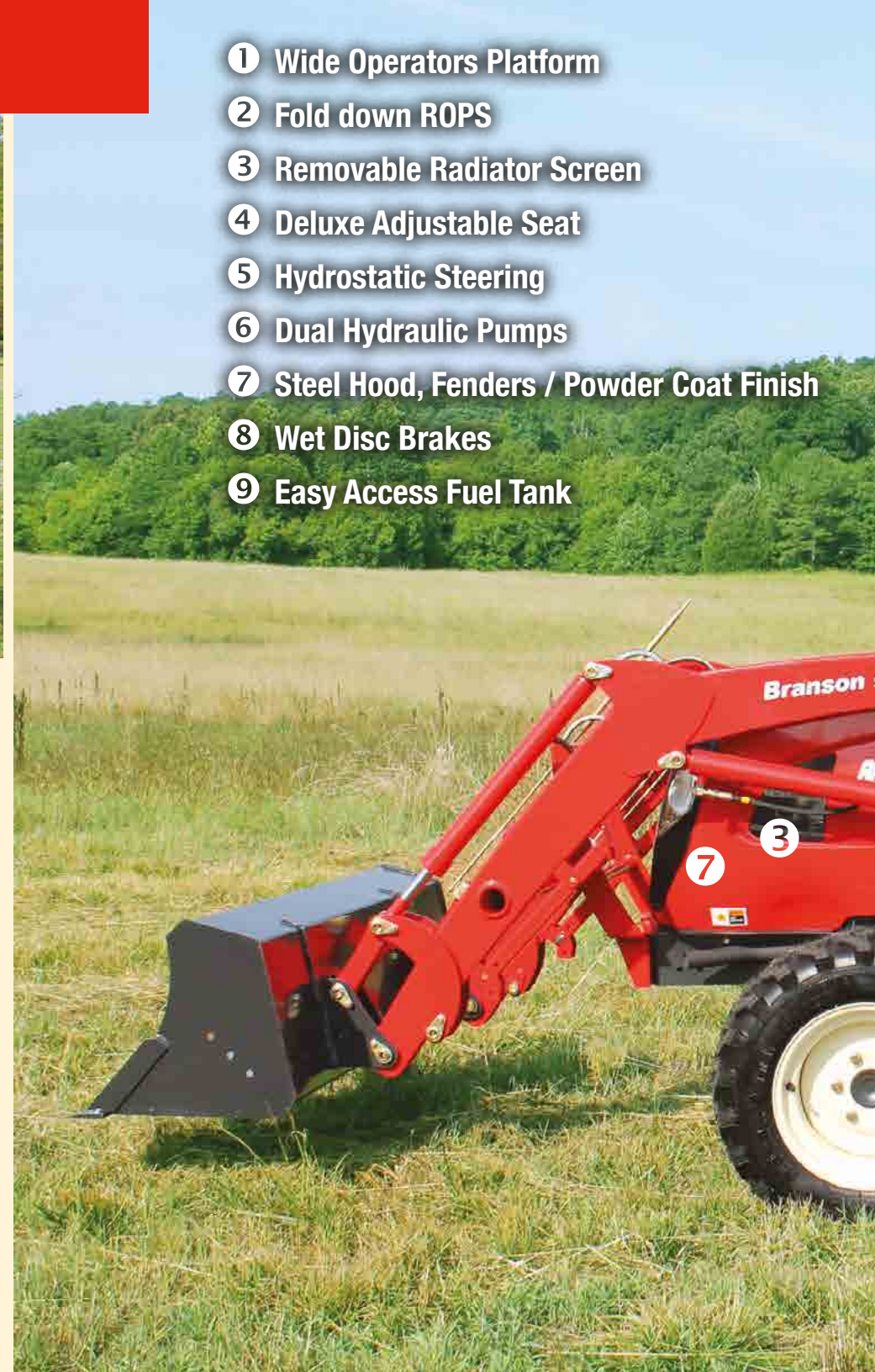
3015 & 3015H | 30 HP

3515 & 3515 H | 35 HP

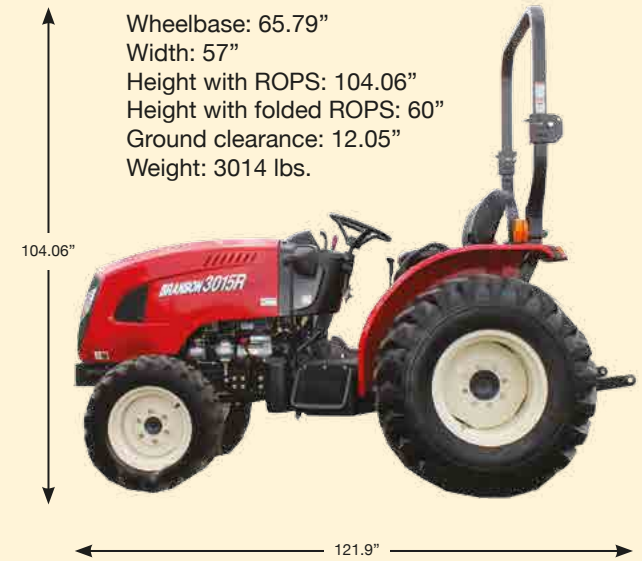
4015 & 4015H | 40 HP



- ① Wide Operators Platform
- ② Fold down ROPS
- ③ Removable Radiator Screen
- ④ Deluxe Adjustable Seat
- ⑤ Hydrostatic Steering
- ⑥ Dual Hydraulic Pumps
- ⑦ Steel Hood, Fenders / Powder Coat Finish
- ⑧ Wet Disc Brakes
- ⑨ Easy Access Fuel Tank



15 SERIES TRACTOR DIMENSIONS



TRACTOR WARRANTY

**4YR. LTD
WARRANTY**

FOUR YEAR LIMITED WARRANTY - Branson Tractors offers a warranty period of two years bumper to bumper with a 4 year engine and drive train warranty up to 2,000 hours, parts and labor are covered under this warranty as well. See our dealer for complete warranty information.



15 SERIES MIDSIZE Features

Standard features of the 3015R & H, 3515R & H and 4015R & H Midsize Series tractors are many of the same features offered on our larger tractors.

“A” SERIES DIESEL ENGINE - This series has eco-friendly diesel engines that are built by Branson. They are Tier 4 certified. No intervention or cycling is required from the operator and the operations is fully automatic while the engine is running. An electronic data logger monitors the system, but does not effect the engine’s fuel injection pump.

CAST IRON FRAME & STEEL BODY - There is no aluminum, pot metal or brittle metal blends used in the casting of the power train and frame—it’s all CAST IRON. The hoods and fenders are steel with a powder-coated paint finished. The main frame is wide, heavy and reinforced to prevent distortion in rough terrain and heavy duty load applications. *These tractors are built to last!*

FRONT AXLE - Branson’s 4WD axle provides a lock to lock steering angle of 57° with 10° of camber. Since no drag link is used, a smooth, easy and tight turn is achieved. It also reduces front tire wear. Power to the front axel is engaged or disengaged with a small lever. We recommend disengaging the front axle for road use.

HYDROSTATIC POWER STEERING - There is no mechanical connection between the steering wheel and the power steering cylinder—it’s all hydraulic. You’ll feel the difference in the smooth and easy turns.

DUAL HYDRAULIC PUMPS - This series has independent hydraulic flow to the steering and to the auxiliary, hitch, loader and backhoe functions.

LIVE HYDRAULIC POWER - The dual hydraulic pumps are engine mounted and driven by the camshaft gear, giving the operator instant and powerful hydraulic flow.





- ① Adjustable, Suspension Seat
- ② Range Shift Lever
- ③ 4-Wheel Drive Engagement Lever
- ④ Hydrostatic Steering
- ⑤ Hydraulic Flow Control
- ⑥ Grab Bars
- ⑦ Wide Open Platform
- ⑧ Ignition Key / Easy On and Off
- ⑨ Main Shift Lever
- ⑩ Hand Throttle Lever



**"A" SERIES DIESEL ENGINE
EASY TO ACCESS & MAINTAIN**

SYNCHRONIZED TRANSMISSION & SHUTTLE - Speed gears are fully synchronized so there is no gear grinding when shifting. A convenient dash mounted control lever shifts smoothly from forward to reverse. The linkage is direct with no U-joints. There are 12 forward & 12 reverse gears.

THREE POINT HITCH - The lift capacity is outstanding and is balanced with the dimensions of the tractor. The rockshaft lift arms are a Branson's exclusive, with a new "yoke" type design, using tubular steel, adjustable, hitch stabilizers—not sway chains. No tools are required for adjustments. A convenient dial knob adjusts the hitch lowering rate for heavier or lighter implements.

DIFFERENTIAL LOCK - A pedal operation locks power to both rear wheels for increased traction in heavy, muddy or wet or snowy conditions. Release the pedal or tap the brakes to return to normal use.

INDEPENDENT 540 & 540E PTO - The 15 Series tractors use an independent, wet hydraulic, multi disc clutch PTO system. The tractor does not have to be stopped to engage the PTO—it can be done "on the go." Two PTO speed modes are available. A lever allows selection between 540 and 540E.

HST TRANSMISSION ON 15 SERIES MODELS: 3015H, 3515H & 4015H

HYDRO MAX - Branson's new HYDRO-MAX transmission is standard on all 15 series HST models. With HYDRO-MAX you no longer have to pre-set an engine throttle position. The engine rpm automatically increases or decreases as you move the forward/reverse foot pedals.

HYDRO MAX is quiet, smooth and easy...perfect for loader applications! Also just right for mowing, roto-tilling, or other PTP applications, as you have complete control of engine rpm and ground speed. "Cruise Control" is also a standard feature.

- Maximum transmission torque
- Maximum efficiency
- Maximum reliability

HYDRO MAX is eco-smart and very quiet. Test drive a HYDRO-MAX to feel the difference!

OTHER 15 SERIES FEATURES:

- Deluxe adjustable, suspension operator's seat.
- Fold down ROPS
- Removable Radiator Screen
- Wet Hydraulic Disc Brakes
- Clutch pedal Lock Down Latch
- Mounting step to Wide Platform

Design Your Own Tractor with Branson Attachments on a 15 Series Tractor



3015h with FRONT END LOADER



4015h with LOADER & BACKHOE

FRONT END LOADER SPECIFICATIONS with 15 Series

	UNITS	SL15
Maximum Lift Height	in.	98.4
Clearance with Attachment Level	in.	94.5
Clearance with Attachment Dumped	in.	79.1
Reach at Maximum Height	in.	28.1
Maximum Dump Angle	degrees	48
Reach with Attachment on Ground	in.	62.2
Attachment Rollback Angle	degrees	36
Digging Depth Below Grade	in.	5.31
Overall Height in Carry Position	in.	49.6
Depth of Attachment (to back of inner shell)	in.	19.6
Height of Attachment	in.	18.15
Depth of Attachment (to pivot pin)	in.	24.9
Lift Capacity to Full Height @ Pivot Pins	lbs.	1,835
Breakout Force @ Ground Level, pivot pin	lbs.	3,456
Relief Valve Setting (Loader Control Valve)	psi	2560
Lift Cylinders (Bore x Rod)	in.	1.96 x 1.18
Bucket Cylinder (Bore x Rod)	in.	1.77 x 1.18



BACKHOE SPECIFICATIONS with 15 Series

	UNITS	BH7615
Digging Depth	in.	92.2
Reach from Center Line of Swing Pivot	in.	123.4
Loading Height (Bucket at 60°)	in.	89.3
Swing Arc	degrees	180°
Transport Height (Maximum)	in.	83.5
Transport Overhang	in.	47
Bucket Rotation	degrees	149°
Stabilizer Spread (down position)	in.	99.3
Stabilizer Spreader (up position)	in.	71.5
Undercut	in.	30.9
BUCKET CYLINDER Digging Force	lbs.	2380
DIPPERSTICK CYLINDER Digging Force	lbs.	2579
Hydraulic Pressure Requirements	psi	2247
Breakout Force @ Ground Level, pivot pin	lbs.	3,456
Recommended Tractor HP Requirements	HP	24-25
Lift Cylinders (Bore x Rod)	in.	1.96 x 1.18
Bucket Cylinder (Bore x Rod)	in.	1.77 x 1.18

BRANSON TRACTORS MIDSIZE SERIES SPECIFICATIONS:

MODEL		UNIT	3015 R	3015 H	3515 R	3515 H	4015 R	4015 H	
MAIN DIMENSIONS	Overall Length	in	121.9	121.9	121.9	121.9	121.9	121.9	
	Overall Width	in	57	57	57	57	57	57	
	Height with ROPS	in	104.06	104.06	104.06	104.06	104.06	104.06	
	Wheelbase	in	65.79	65.79	65.79	65.79	65.79	65.79	
	Ground Clearance <small>(Height & Ground clearance varies with tires)</small>	in	12.05	12.05	12.05	12.05	13.19	13.19	
	Weight	lbs	3014	3014	3014	3014	3014	3014	
ENGINE	Model		A1700N5		A1700N4		A1700T2		
	Type		Vertical 4 Cycle, Water Cooled, Diesel						
	Combustion System		Swirl Chamber						
	Aspiration		Natural		Natural		Turbo Charged		
	Engine Output / HP (KW) @ Rated RPM		30 (22)@ 2600		35 (25.7) @ 2600		40 (29.4) @ 2600		
	Engine	RPM	2600		2600		2600		
	No. of Cylinders		3		3		3		
	Bore x Stroke	mm	88 x 94		88 x 94		88 x 94		
	Displacement		1714		1714		1714		
	Type of Air Cleaner		Dry, Element						
Ground Level Fuel Tank / Capacity		gal	7						
DRIVE SYSTEM			4 Wheel Drive						
MAX. FORWARD SPEED, MPH			14.8						
MIN. FORWARD SPEED, MPH			0.8						
STEERING			Hydrostatic						
CLUTCH			Dry, Single Plate						
BATTERY			12V						
BRAKE			Wet Disc						
TRANS-MISSION	Main Shift		Synchro 4 Speed	Hydro MAX	Synchro 4 Speed	Hydro MAX	Synchro 4 Speed	Hydro MAX	
	Reverse Method		Synchro Shuttle		Synchro Shuttle		Synchro Shuttle		
	Gear Shifting (F&R)		12 F / 12 R	HST / 3 Range	12 F / 12 R	HST / 3 Range	12 F / 12 R	HST / 3 Range	
PTO	Type		560 / 780 (560E)						
	Speed (RPM)		Independent PTO (6 Spline Shaft)						
	Power (PTO)		28	28	30	30	35	35	
HYDRAULIC SYSTEM	Control Type		Position						
	3-Point Hitch		Category 1 / Position						
	Lift Capacity on Ball Ends /		lbs.	3306					
	Lift Capacity at 24"		lbs.	2420					
	Steering Pump Flow - GPM @ 2600 RPM		4.7						
	Main Pump Flow - GPM @ 2600 RPM		8.7						
TIRE OPTIONS AVAILABLE			Front Tire			Rear Tire			
Agricultural Tires (AG10)			7 x 16			12.4 x 24			
Industrial Tires (IND 10)			28 x 8.50 - 15			43 x 16 - 20			



www.bransontractor.com



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

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