

# *Features and Benefits*

## *20R SERIES*



### **FRONT AXLE**

- Tight turn front axle, with a lock out angle of 62 degrees with a 10 degree camber. Most tractors of this size will only lock out at 56 degrees without any camber change, making the Branson 20R units one of the tightest turning tractors in the industry.



### **HYDROSTATIC STEERING**

- Allows more control if obstacles are hit with the tire, no mechanical parts to wear out. All large horse power tractors use hydrostatic steering, only the lower price tractors from China, Japan and India use mechanical power steering.



### **DUAL HYDRAULIC PUMPS**

- Much smoother operation of the front end loader and the hydrostatic steering-each has its own dedicated pumps. Most of economy tractor models use just one pump, which is cheaper to produce.



### **FULLY SYNCHRONIZED 12 SPEED TRANSMISSION AND SHUTTLE**

- This transmission is much more expensive to produce but most importantly it allows the operator to shift on the go without bringing the tractor to a complete stop to change gears.



### **CAST IRON REAR END AND TRANSMISSION HOUSINGS**

- It does NO good to have horse power and not be able to transmit the power to the rear wheels. Cast iron is the best and strongest ballast however it is more expensive to produce. The wonderful thing about our 20R series units when you buy a 31 hp tractor is that you are getting the same rear end and transmission we use in our 52 hp unit.



### **METAL HOOD, FENDERS WITH POWDER COAT PAINT FINISH**

- One piece metal hood raised by dual gas struts secured with a positive lock latch with cup holders mounted on fender. Powder coat finish prevents UV damage to the paint bringing longevity to our paint. Unlike fiberglass or plastic fenders and hoods, we use STEEL which will not crack in cold climates.



### **WET DISC BRAKES**

- All of the top manufacturers use wet disc brakes; only the economy models or units made in third world countries use a dry disc or drum brake. The advantage of a wet disc brake is very simple, it is in a protected environment and the brake discs are running in hydraulic fluid.



### **INDEPENDENT PTO OR LIVE PTO**

- The most expensive and most sought after PTO function is independent. All of the larger horse power utility tractors use independent PTO. Independent PTO gives the operator much more control over his PTO function, plus it reduces the chance of the operator burning out his clutch because he no longer needs to engage the clutch pedal to control his PTO function. However, we went the extra mile and for those customers who want to stop the PTO with the clutch, they can do so by switching to the link position on the tractor's PTO function switch.



### **STRONGER MAIN FRAME**

- Branson has added a new heavier, wider main frame to all of its 20R series units. This will prevent twisting of the frame while traveling through rough terrain with the loader bucket full of material.



### **STRONGER WIDER STEPS**

- Steps mounted on both sides of the operator's platform for easy mounting and dismounting of the tractor. Also features a slide out tool box mounted by steps.



### **CENTERED MOUNTED FUEL TANKS**

- No one but Branson offers an under the platform fuel tank on compact tractors. The lower tanks allow the customer to fill his tank without spilling fuel all over the tractor and himself, plus the weight of the fuel is in the center of the tractor where it belongs. With the tanks mounted below the platform this gives Branson the largest open platform in the industry. The platform also features a thick oil resistant rubber anti slip mat.



### **TILT STEERING WHEEL**

- Tilt steering wheel is standard equipment on all 20R tractors. This allows the operator to position the steering wheel for optimum comfort.



### **BACK UP LIGHTS**

- Back up lights automatically engage when shuttle lever is shifted into reverse. The reverse lights will illuminate any objects hiding in dark areas.



### **WIDE FLAT OPERATORS PLATFORM**

- There is nothing to get in the way to cause a customer to stumble or catch a pant leg on when mounting or dismounting our tractors, platform can be accessed by driver from either side.



### **HYDRAULIC SITE GLASS**

- Just park the tractor on level ground and look to see if you need to add hyd. fluid. No dip stick or rag needed.



### **TWO SPEED PTO**

- Branson offers as standard equipment, two PTO speeds 540 / 540E by using the 540E the operator can run any 540 RPM implement running the engine at 1800 RPM providing full power to the implement while running the engine at a lower RPM saving fuel and reducing engine noise.



### **CLUTCH LOCK OUT**

- Branson provides a lock out bracket to be used when the tractor is not in use for long periods of time or put into storage. This prevents the clutch disc from sticking to the fly wheel when the tractor is not used for an extended periods.



### **ALUMINUM RADIATOR**

- No worry about corrosion destroying your radiator or cooling system.



### **REMOVABLE RADIATOR SCREEN**

- This is a standard feature that allows the customer to clean without the use of water or air to assure proper air flow.



### **LIVE POWER**

- Both hydraulic pumps are engine mounted, this mean that the operator has hydraulic power at his disposal at all times.



### **FOLD DOWN ROPS**

- This allows operator to go under low trees or any other low structure.



#### **REAR WORK LAMP**

- Standard on all 20R units allowing the operator to aim light on his implement or light up an area to facilitate work behind the tractor.



#### **A SERIES DIESEL ENGINES**

- All Branson 20R units meet current tier 4 emission standards.



#### **4 YEAR LIMITED WARRANTY**

- Branson offers a warranty period of 2 years bumper to bumper with a 4 year engine drive train warranty up to 2000 hours, parts and labor are covered under this term.



#### **OPEN SERVICE AREA**

- When the hood is raised on the 20R tractor series, the operator will enjoy the large open access to items such as air filter, battery, fuel filter, dip stick and oil port.



#### **ADJUSTABLE REAR 3PT LINKAGE, LOCKING SWAY BARS AND FLIP UP PTO COVER.**

- All three of these features allow more ease and access when mounting implements to the rear 3PT hitch.



#### **ENCLOSED REAR FIRE WALL**

- This helps to reduce heat and engine noise to be transferred back towards the operator.



#### **DELUXE SEAT**

- All 20R tractors come standard with a deluxe seat featuring 4 in. of suspension, 6 in. fore/aft adjustment, 60/70 degree back rest recline, document pouch, rubber cover surrounding suspension parts with an embossed Branson logo.



#### **3 PT HITCH FLOW CONTROL**

- This allows the operator to adjust the speed of the rear 3 PT hitch. This can be very useful when operating implements such as post-hole diggers, tillers and other in ground tools.



#### **DIFFERENTIAL LOCK**

- This allows operator to lock up both rear tires for traction when traveling through wet muddy areas. Once the operator removes his foot from the lock lever, differential will automatically unlock.



#### **4 WHEEL OR 2 WHEEL DRIVE LEVER**

- All Branson 20R units can easily disconnect front axle for transport on highways or other paved areas.

### **BL25R LOADERS**



#### **TRUE QUICK ATTACH LOADER WITH MID MOUNT MOUNTING KIT AND REAR AXLE BRACKETS**

- This loader requires no tools to dismount and can be dismounted in under 5 minutes by one person. Once the loader boom has been removed the operator has complete access to the engine compartment. Plus the BL25R loader brackets extend to the rear axle promoting more strength and helps prevent loader sway.



#### **FREE GRILL GUARD**

- Every BL25R loader comes standard with a front grill guard, not all companies offer this as standard but charge the customer for this feature which you must have.



### **RECESSED GREASE INSERTS**

- This prevents the possibility of the insert being broken off. Also all the grease inserts are facing outwards so they can be accessed easily.



### **LEVEL INDICATOR**

- All BL25R loaders come standard with a bucket level indicator. This allows the operator to place the bucket flat without seeing the bucket cutting edge.



### **FENDER MOUNTED LOADER JOY STICK**

- This opens up the platform so the tractor can be mounted from both sides with ease and without obstruction.



### **CURVED BOOM DESIGN**

- The curve of the loader boom follows the curve of the hood perfectly creating a clean attractive mount.

#### **LIFT CAPACITY AT FULL HEIGHT**

- 2100 LBS.

#### **MAXIMUM LIFT HEIGHT**

- 103.8 INCHES

#### **BUCKET DUMP ANGLE**

- 44 DEGRESS

#### **BUCKET ROLL BACK ANGLE**

- 24.5 DEGRESS

#### **BREAKOUT FORCE**

- 3531 LBS.

#### **BUCKET WIDTH**

- 68.5 in.

### **00 Series Sales Features**

This unit comes standard with many of the same features offered on our larger tractors



### **LOW PROFILE**

- The 00 Series is only 88” tall at the top of the roll bar but still offers 13” of ground clearance making this unit very maneuverable in tight areas.



### **HYDROSTATIC STEERING**

- One hydraulic pump is dedicated to the steering of this tractor assuring fingertip control no matter how hard the loader and rear 3 pt hitch is being used. Steering pump output 3.6 GPM.



### **DUAL HYDRAULIC PUMPS**

- Assuring smooth operation of the front end loader, rear 3pt. hitch and steering. Hydraulic pump output 4.8 GPM. Total hydraulic output is 8.4 GPM.



### **TWO TRANSMISSION OPTIONS**

- This unit is offered with a fully hydrostatic transmission controlled with a forward and reverse pedal or a 6 speed manual transmission with 2 reverse gears.



#### **CAST IRON REAR END AND TRANSMISSION HOUSING**

- Cast Iron is the best and strongest housing manufactured, making this tractor one of the heaviest in its class.
- 2400 dry weight – 1,810 lbs
- 2800 dry weight – 1,815 lbs



#### **METAL HOOD, FENDERS WITH POWDER COAT PAINT FINISH**

- One piece metal hood raised by dual gas struts secured with a positive lock latch. Powder coat finish prevents UV damage to the paint, bringing longevity to the look of the unit. Steel, unlike fiberglass or plastic, will not crack in cold climates.



#### **WET DISC BRAKES**

- Like our larger units this model comes standard with wet disc brakes. The advantage of wet disc brakes is very simple, they are in a protected environment and the brake discs are running in hydraulic fluid.



#### **MID MOUNT PTO**

- With a mid-mount PTO you now have the option of adding a 60” belly mower to this tractor. Other implements that can be powered by a mid PTO are front mount snow blowers and sweepers.



#### **TWO SPEED REAR PTO**

- Giving you, the operator, more rear mounted implement options.



#### **4 WHEEL OR 2 WHEEL DRIVE LEVER**

- All Branson 00 series units can easily disconnect front axle for transport on highways or other paved areas.



#### **3 PT HITCH FLOW CONTROL**

- This feature allows the operator to adjust the speed of the rear 3 PT hitch. This can be very useful when operating implements such as post-hole diggers, tillers and other in ground tools.



#### **DIFFERENTIAL LOCK**

- This allows the operator to lock up both rear tires for traction when traveling through wet and muddy areas. Once the operator removes his foot from the lock lever, the differential will automatically unlock.



#### **WIDE & OPEN OPERATORS PLATFORM**

- This large and wide platform makes this unit very easy to operate and to mount and dismount. No levers to trip you up and making it possible to mount this tractor from both sides.
- Platform is covered with a molded rubber mat to reduce noise and slipping.



#### **ALUMINUM RADIATOR**

- No need to worry about corrosion destroying your radiator or cooling system.



#### **REMOVABLE RADIATOR SCREEN**

- This feature allows the customer to clean the radiator quickly without the use of water or air to assure proper air flow to the cooling system



### **3 CYLINDER DIESEL ENGINE**

- This engine meets all current tier 4 emission standards; it also comes standard with engine pre heaters for cold weather starts. Block heater is also an option.
- The 2800 engine is a turbo charged engine, making this unit ideal for those of you in higher elevations.



### **FOLD DOWN ROPS**

- This allows operator to go under low trees or any other low structure.



### **BACK UP LIGHTS**

- Back up lights automatically turn on when tractor is in reverse mode.



### **CATEGORY 1 REAR 3 PT HITCH**

- Standard category 1 rear 3 PT hitch allows the operator a host of attachments that can be mounted.



### **FLIP UP SEAT**

- No need to dry this seat off- simply flip down and go. This is a large seat with many forward and reverse settings, even the largest operator can find the perfect position.



### **4 YEAR LIMITED WARRANTY**

- Branson offers a warranty period of 2 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.