

STILL BUILDING THEM LIKE THEY USED TO!



Ingersoll



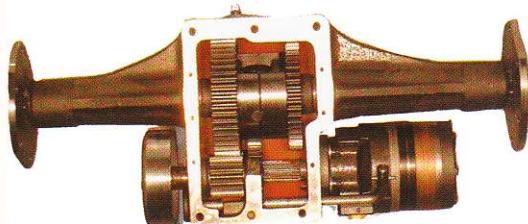
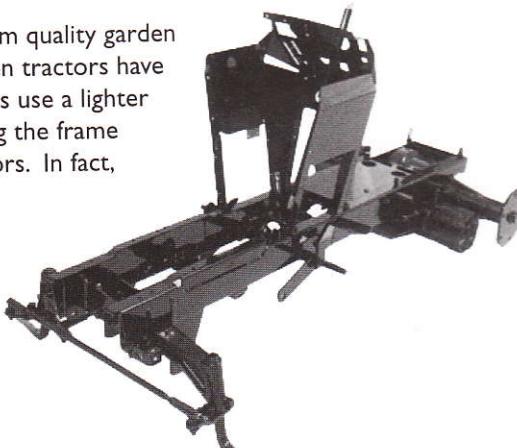
*Look inside and see for yourself*

## **KNOW WHAT YOU'RE BUYING**

*Here are all the features we build into the Ingersoll tractor everyday.*

Since 1962 Ingersoll has been manufacturing premium quality garden tractors. It all starts with the frame. Ingersoll garden tractors have the strongest frame in the industry. Many companies use a lighter gauge metal to save manufacturing costs by stamping the frame rather than a solid channel found on Ingersoll tractors. In fact, Ingersoll's frame weights 127 pounds.... Solid!

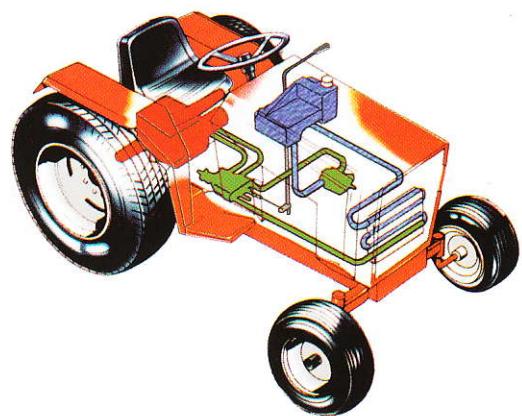
Ingersoll also incorporated a heavy-duty cast iron front axle and two-speed transaxle. Hoods, fenders and footrests are all metal... no plastic parts for our tractors.



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The patented professional-grade hydraulic system sets the standard for the industry. The hydraulic pump is coupled directly to the engine providing an "oil-only link" to the two-speed cut gear transaxle that drives the rear tires. No belts, shafts, or pulleys to cause trouble on Saturday afternoon!

There is power to spare built into the hydraulic system. Mid-mount attachment lift with down pressure and float position, power steering, three-point hitch and rear hydraulic Power Take Off (PTO) are options that are easily handled by the "over-sized" hydraulic system. Ingersoll offers many rear-mounted attachments that also utilize this unique power source.



**Quality built from the frame up..... Ingersoll tractors deliver unsurpassed power, performance and durability.**

# THE ORIGINAL “BIG WHEEL” TRACTOR INGERSOLL 4000

If you are looking for **big tractor** feel, performance and comfort, then the **4000 series** was designed for you. It has a longer and wider frame than most standard garden tractors. The 16" rear wheels provide increased traction, higher ground clearance, and a smoother ride on rough terrain.

Ingersoll **4000 series “Big Wheel”** tractors feature three basic configurations. Choose from the 18hp introductory model or step-up to a 21hp or 23hp deluxe models with power steering. All feature the ductile cast iron front axle for superior life.



The **4000 series** features Ingersoll's patented Hy-drive® power train, providing an oil-only link between the engine and transmission. The heart of the drive system is a twin gear pump and a precision hydraulic motor connected to a cast iron transaxle by a splined shaft. All components feature the tight tolerances you expect from premium equipment.

Since Ingersoll “oversized” its hydraulic system, there is plenty of power available to run a hydraulic powered tiller, brush-hog mower, log splitter or even a rear-mounted finish cut mower via Ingersoll's unique hydraulic PTO. You can order your tractor with the PTO as a factory installed option or have your local dealer add it later. Either way, you have opened a whole new world of power and dependability that won't break down during your “weekend warrior” project.

## FEATURES

- 16" Rear wheels
- Full channel frame
- Ductile Cast Iron front axle
- Cast Iron transaxle case with cut-steel gears
- Exclusive Hy-drive® power train
- 18, 21 & 23hp Vanguard® V-twin engines
- Steel hood, fenders, and footrests
- Powder-coat finish
- Adjustable slide seat
- Easy on/off clear step through console
- Electric PTO for mid- and front-mount attachments
- Optional hydraulic PTO for rear mount attachments



# 300 LGT YARD TRACTORS

The **300 LGT series** was designed with the homeowner's requirements in mind. Power to get the job done right, quickly, and dependably so you do the work when you want with quality that is going to last. Ingersoll prides itself on building rugged equipment that is going to out perform and definitely outlast competition. While most companies are incorporating more and more plastics into their designs, Ingersoll continues to build equipment from top to bottom, front to back, with solid steel.

A heavy gauge welded steel frame, all steel exterior components, hydrostatic drive, foot operated speed control, 19" turning radius, and the advanced feature of cruise control makes the **300 LGT series** an exceptional value.

A manicured lawn comes standard with every **300 LGT series**.

The Ingersoll RM Series Deck is 5" deep and creates a cyclonic vacuum action, which lifts and cuts the grass evenly.

Keeping our tractor's color and shine is also important to us. That is why we powder coat paint all the tractors and attachments. We won't settle for anything but the best. Why should you?

There is no better time than the present to buy an American made product build by Ingersoll Tractor Company.



## FEATURES

- Welded Frame
- Steel fenders, hood & foot rests
- Cast iron front axle
- Hydrostatic drive system
- Foot operated speed control
- Cruise control
- Powder coated finish
- 19" turning radius
- Electric PTO
- Parking brake
- Easy on/off either side
- 18 HP BS Vanguard® V-twin engine
- Adjustable seat



**SNOWBLOWER**

# ATTACHMENTS MAKE THE TRACTOR DO THE WORK FOR YOU

## **DECKS**

RM44LGT	44" Side Discharge	●	●
RM44	44" Side Discharge	●	●
RM44GR	44" Rear Discharge	●	●
RM48	48" Side Discharge	●	●
RM60	60" Side Discharge	●	●
MK44	Mulching Kit for RM44	●	●
MK48-2	Mulching Kit for RM48	●	●

**300 SERIES    4000 SERIES**



**TILLER**

## **SNOW EQUIPMENT**

UB44-1	44" Utility Blade	●	●
UB54-1	54" Utility Blade	●	●
SB42	42" Snowblower	●	●
SB48	48" Snowblower	●	●
CB34	Tractor Cab	●	●



**HYDRA-VAC**

## **TILLER**

HT41	41" Tiller, Hydraulic	●	●
SS74	Stub Shaft kit, Reduces 41" Tiller to 32"	●	●



**LOG SPLITTER**

## **YARD CLEANUP**

AHSWD	Log Splitter, Tow-Behind, Hydraulic	●	●
HVFB	Hydrabagger, Hydraulic Vac Bagger	●	●
HVFC	Hydravac, Trailer Vac, Hydraulic	●	●
DC1000	1000 lb. Dump Cart, 8 Cubic Feet	●	●
SW38	38" Tow Behind Sweeper	●	●



**SNOWBLOWER**

## **ACCESSORIES**

HH34	3-Point Hitch	●	●
F27	Sleeve Adapter	●	●
K24-I	Sleeve Hitch	●	●
HLK34	Hitch Limiting Kit, Center & 3-Point Hitch	●	●
HP4	Hydraulic PTO Kit	●	●
HFC34C	Flow Control Valve Kit	●	●
HFC34E	Flow Control Valve Kit	●	●
H13	Weight Box, Front or Rear Mounted	●	●
H18	Front Weight Bracket	●	●
E16	Tire Chains	●	●
WW40	Wheel Weights	●	●
RWLGT	Rear weight	●	●
L11	Front Suitcase-Style Weight Kit	●	●
GIH	Wheels & Tires (pair) 18 x 16 Lug	●	●



**SWEEPER**



**BLADE**

# ZERO TURNING RADIUS MOWERS CUT GRASS OVER 30% FASTER WITH LESS TRIMMING



**TILT-UP DECK**



**SNOWBLOWER & CAB**



**GRASS BOX**



**ROLL OVER  
PROTECTION SYSTEM**



Higher ground speed. Unique tilt-up deck. Rugged all metal construction. Time saving efficiency. Zero turning radius. Hassle-free maintenance. **Ingersoll® 5000 series** front-cut mowers are built to make yard work less work.

Dual steering levers are easy to operate and help prevent fatigue. Move one lever forward, the other back and an Ingersoll **5000 series** literally turns in its own tracks. Ingersoll offers superb maneuverability in small spaces and around obstacles for more efficient mowing.

Ingersoll cuts more acres in less time than almost any mower because of its higher ground speed and deck width. A five-gallon fuel tank maximizes continuous cutting time.

Engine, transmission and operator weight are positioned over the axle for superior traction on slopes and inclines. An optional Roll Over Protection System (ROPS) will give you added peace of mind when operating on any terrain. Forward deck position makes cutting under fences, shrubs and bushes easy and keeps trimming time to a minimum. Six-way floating deck operates independently of the mower for an even cut on uneven turf.

## MODEL ENGINE

Make

## 5818 V

Horsepower

Vanguard®

Maximum R.P.M.

18 hp (13.4 kw)

Cylinders

3600 R.P.M. (no load)

Bore x Stroke

2

Displacement

70 mm x 70 mm

Fuel (unleaded)

570 cc

Lubrication

Pressure with filter

Engine Oil (w / filter)

5 U.S gal. (19 L)

Cooling

1.75 qt. (1.66 L)

Air Filter

Air

Ignition / Warranty

2 Stage

Starter

Magneton / Lifetime

Alternator

12 volt

## DRIVE TRAIN

Transmission

16 amps

Make

Dual Hydrostatic

Transmission Fluid

Hydro Gear

Final Drive

4 qt. (3.8L)

Attachment Drive

Gearbox

Power Take Off

One B-belt

Speed (fwd & rev)

Electric Clutch

Steering

0-7.0 mph (11.2 km)

Turning Radius

Dual Levers

## DRIVE UNIT WEIGHT

Weight Without Deck

Zero

660 lbs (297 kg)

## INSTRUMENTS

Standard on all Models: Hour Meter, Ammeter, Fuel Gauge, Oil Pressure Light

## WARRANTY

Limited, 2-Year Consumer, 1-Year Commercial

## DECK

### Model

Length

### FM52SD (52")

28.0" (71.12 cm)

Width

63.0" (160.02 cm)

Lbs (w/gauge whls)

238 lbs (98.55 kg)

Width of Cut

52" (132.08 cm)

Depth of Cut

1.5" - 5.0"

(38.1 mm - 127 mm)

## 5820 V

## 5825 K

Vanguard®

20 hp (14.9 kw)

3600 R.P.M. (no load)

2

72 mm x 70 mm

570 cc

5 U.S gal. (19 L)

Pressure with filter

1.75 qt. (1.66 L)

Air

2 Stage

Magnetron / Lifetime

12 volt

16 amps

Kohler®

25 hp (18.6 kw)

3600 R.P.M. (no load)

2

83 mm x 67 mm

723 cc

5 U.S gal. (19 L)

Pressure with filter

2.1 qt. (2.0 L)

Air

2 Stage

Electronic / 2 years

12 volt

20 amps

## FM72SD (62")

36.75" (93.35 cm)

83.0" (210.82 cm)

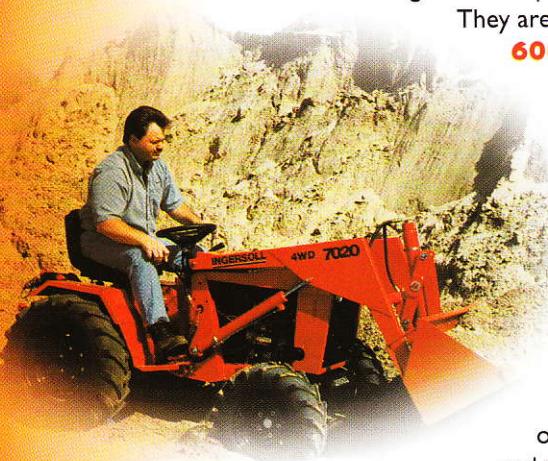
543 lbs (244.35 kg)

73" (185.42)

1.5" - 5.0"

(38.1 mm - 127 mm)

# "JUST RIGHT" ... 6000 AND 7000 SERIES



Ingersoll compact tractor loaders and loader backhoes are built tough.... from the ground up.

They are designed to tackle the jobs full-size equipment is too big to handle. Ingersoll

**6000** and **7000 series** units are perfect for maneuvering in tight spaces. They easily fit through doorways, gates and fences. Landscapers, utility companies and hobby farms find Ingersoll is "right-sized" to do their most demanding job.

The loaders and backhoes are easy to operate so you can do more work in less time. Joystick controls for the loader and backhoe mean even your newest employee can "get to work" immediately. Trailering is a snap too.

Many design and structural elements found in full-size construction equipment are standard on an **Ingersoll** that is built to withstand years of abuse and hard work. All steel components are hand welded for superior fit and finish. The Ingersoll exclusive hydraulic drive system provides and oil only link between the engine and transmission as well as power for the loader bucket and backhoe.

The following features are standard on both the **6000** and **7000 series** units.

## FEATURES

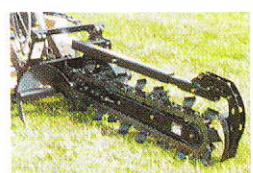
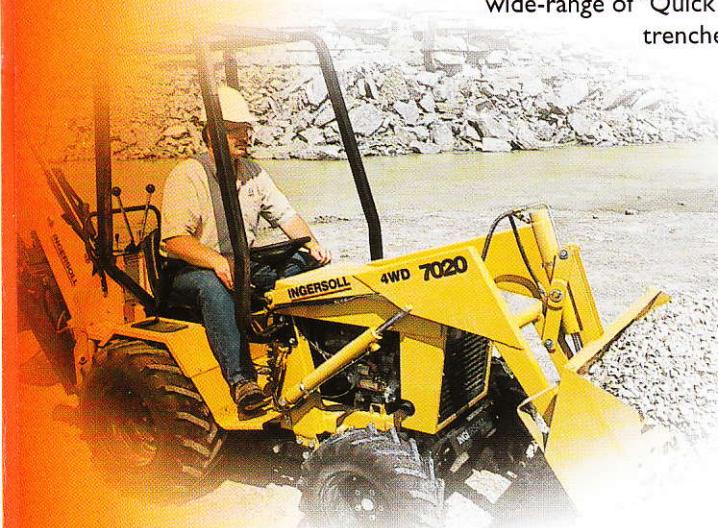
- 20 hp Kohler Command® OHV engine
- Full-flow spin on oil filter
- Replaceable dual element air cleaner
- Electronic ignition
- Power Steering
- Dual range, cast iron transaxle
- Low speed, high torque & high efficiency hydraulic motor
- Single lever direction control
  - Foot pedal speed control
  - Ammeter
  - Electronic hour meter



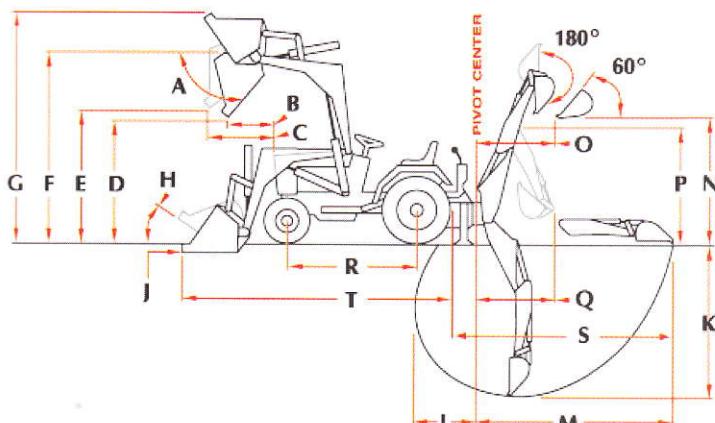
Ingersoll's newest edition, **7020LQA**, offers a wide-range of "Quick Attach" options including trenchers, augers, grapple and pallet forks.

The loader tractors are standard with a category "0" three-point hitch and rear hydraulic PTO that makes it even more versatile. Your Ingersoll dealer can help customize a model just for you.

Whether your requirements call for a 6000 series 2-wheel drive or the 7000 series 4-wheel drive, you'll find that Ingersoll is "just the right size"!



# STILL BUILDING THEM LIKE THEY USED TO!



A- Maximum dump angle	60°
B- Reach at 60° dump angle	12.50" (317 mm)
C- Reach at 45° dump angle	17.50" (444 mm)
D- Clearance at 59° dump angle	51.00" (1,295 mm)
E- Clearance at 45° dump angle	53.00" (1,346 mm)
F- Height to bucket hinge pin	78.00" (1,981 mm)
G- Fully raised operating height	94.00" (2,388 mm)
H- Bucket roll back	18°
J- Digging depth, bucket flat	3.00" (76 mm)
K- Backhoe Digging depth	92.00" (2,337 mm)
L- Backhoe Undercut	30.00" (762 mm)
M- Digging radius from pivot center	112.00" (2,845 mm)
Swing arc from pivot center	180°
N- Loading height - bucket at 60°	68.00" (1,727 mm)
O- Loading reach - bucket at 60°	41.00" (1,041 mm)
P- Maximum transport height	72.00" (1,828 mm)
Q- Transport overhang	39.50" (1,003 mm)
R- Wheelbase	48.00" (1,219 mm)
S- Length - bucket to rear tire	98.50" (2,501 mm)
Overall trailering length LBH	156.00" (3,962 mm)
Overall trailering width LBH	60.00" (1,524 mm)
T- Overall trailering length L	107.00" (2,717 mm)
Overall trailering width L	49.00" (1,244 mm)
X- Bucket at 180°	130.00" (3,302 mm)

## ENGINE

Make	Kohler, 4 cycle air-cooled V twin with over head valves and full pressure lubrication
Engine Model	CH20
Horsepower	20 at 3600 rpm / (14.9 kw)
Bore x Stroke	3.03" x 2.64" / (77 mm x 67 mm)
Displacement	38 cu. in. (624 cc)
Block	Aluminum with cast iron cylinder liners
Fuel	Unleaded gasoline
Air Cleaner	Dual element air cleaner (replaceable)
Oil Filter	Full flow, spin on, can type (replaceable) Ignition
Battery	Electronic inductive
Alternator	300 CCA
	15 amp

## POWER TRAIN

Transaxle	Dual range, cast iron, automotive differential
Steering	Hydraulic power
Front Axle	Hilliard 4-wheel drive
Brakes	Band and drum
Parking Brake	Hand set

## PRESSURE RELIEF SETTINGS

Traction Control	3000 PSI (20,670 kPa)
Power Steering	1800 PSI (12,402 kPa)
Loader Control	1800 PSI (12,402 kPa)

## HYDRAULIC SYSTEM

Pump Type	Double gear
Port #1	4.7 GPM (17.8 LPM)
Port #2	8.7 GPM (32.9 LPM) / 3600 RPM & 3000 / PSI (20,670 kPa)
Control Valve	Mono-cast, 2 spool series
Braking Valve	Dynamic, pilot-operated, spool type
Motor Type	Gerotor, low speed, high torque & efficiency

## OIL

Recommended	SAE 20W-40 motor oil
Oil Cooler	Air cooled radiator
Oil Reservoir	2.04 gallon (7.7L)

## TRAVEL SPEEDS

Low Range	0-3.0 MPH (4.8 km/h) forward & reverse
High Range	0-5.4 MPH (8.6 km/h) forward & reverse

## LOADER

Power	Hydraulic
Control Valve	Mono-cast 2 spool single lever operation for lift & dump; positive hold & float position
Loader Lift	2" bore (51mm) / 18.1" stroke (459 mm)
Cylinders	1" diameter rod (25.4mm) double acting
Bucket Cylinders	2.5" bore (63.5 mm) 13" stroke (330 mm) / 1.25" diameter rod (31.7 mm) double acting
Bucket Capacity	4.7 cu. ft. (1.33 m3) struck
Bucket Width	48" (1,219 mm)
Loader Lift Capacity	750 lb. (340.2 kg) maximum operating height

## TIRES

Front	23 x 8.50-12 4 ply
Rear	29 x 12.50-15 4 ply / high flotation

## FLUID CAPACITIES

Fuel Tank	6.4 gal. (24.2 L)
Hydraulics	5.0 gal. (18.9 L)
Engine Oil with	
Filter	2.0 qts. (1.9 L)
Transaxle	2.0 qts. (1.9 L)

## BACKHOE

Cylinders	
Boom	2.5" (63.5 mm) bore
Dipperstick	2.5" (63.5 mm) bore
Bucket	2.0" (50.8 mm) bore
Stabilizer	2.5" (63.5 mm) bore
Swing	2.5" (63.5 mm) bore
Bucket Capacity	
8 inch	0.71 cu. ft (0.20 m3)
12 inch	1.44 cu. ft (0.41 m3)
16 inch	1.66 cu. ft (0.47 m3)
18 inch	1.93 cu. ft (0.55 m3)
24 inch	2.73 cu. ft (0.77 m3)

Digging Force	
Dipperstick	1,780 lbs. (807 kg)
Bucket	2,600 lbs. (1,179 kg)
Bucket Teeth	Hensley bolted

## ATTACHMENTS

Standard	Loader & LBH Ameter, electric hour meter, 4-wheel drive light switch
Loader	Hydraulic PTO, 3 point hitch
Optional	Loader Pallet forks, ROPS, Hydraulic Tools

## WEIGHT

7020 L	1,620 lbs. (735 kg)
7020 LBH	3,040 lbs. (1,379 kg)



# **GRAB YOUR NO. 2 PENCIL AND TAKE THE INGERSOLL QUIZ**

Find the tractor best suited to your individual needs by answering the questions below:

<b>MOWING</b>	<b>300 Series</b>	<b>4000 Series</b>	<b>5000 Series</b>	<b>6000/7000 Series</b>
How much grass are you cutting acre	1-2 <input type="checkbox"/> 2-5 <input type="checkbox"/>	acres	1-7 <input type="checkbox"/> acres	1-5 <input type="checkbox"/> acres
Is your yard bumpy...smooth out the ride	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>
Do you want to pick up the clippings Catcher (Late 2004) Hydraulic / Vacuum System	Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/>	No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/>
Do you need to maintain trails or pasture	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>
<b>SNOW REMOVAL</b>				
Do you have a double wide driveway	No <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
Do you want a front-mount Blade	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>
Do you want a rear-mount blade	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/> (6000)
Do you want a snowblower	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<b>GARDENING</b>				
Do you want to use category "0" 3-point Hitch attachments	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/> (6000)
Do you want to use a tiller	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/> (6000)
<b>GENERAL MAINTENANCE</b>				
Do you have stalls to clean	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>
Do you have hay bales or logs to move	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>
Do you want to split wood	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>
<b>TRENCHING &amp; HOLES</b>				
Do you need to install lines	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>
Do you need to dig holes	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>
Do you need to back-fill	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>

# LAWN AND GARDEN TRACTOR SPECIFICATIONS

MODEL	300 SERIES		4000 SERIES		
	318	4018	4021	4021PS	4023PS
Engine Make	Briggs Vanguard®	Briggs Vanguard®	Briggs Vanguard®	Briggs Vanguard®	Briggs Vanguard®
Model	303447	350447	351447	351447	351447
Cylinders	2	2	2	2	2
Horsepower	18	18	21	21	23
Displacement	570CC	570CC	627CC	627CC	627CC
Oil Filter	Yes	Yes	Yes	Yes	Yes
Transmission	Hydrostatic	2-speed Hydraulic	2-speed Hydraulic	2-speed Hydraulic	2-speed Hydraulic
Fwd & Rev-Low	Fwd 5.3 Mph	0-4.0 mph	0-4.0 mph	0-4.0 mph	0-4.0 mph
Fwd & Rev-High	Rev 2.8 Mph	0-7.3 mph	0-7.3 mph	0-7.3 mph	0-7.3 mph
Steering	Gear & Sector	Gear & Sector	Gear & Sector	Power	Power
Attachment Drive	Electric	Electric	Electric	Electric	Electric
Attachment Lift	Manual	Hydraulic w/down pressure	Hydraulic w/down pressure	Hydraulic w/down pressure	Hydraulic w/down pressure
Overall Length	65"	72"	72"	72"	72"
Wheel Base	46"	48"	48"	48"	48"
Overall Height	40"	43.5"	43.5"	43.5"	43.5"
Ground Clearance	7.2"	11"	11"	11"	11"
Overall Width	41"	41"	41"	41"	41"
Shipping Weight	755 lbs.	815 lbs.	840 lbs.	865 lbs	865 lbs.
Rear PTO	N/A	Optional Hydraulic	Optional Hydraulic	Optional Hydraulic	Optional Hydraulic
Available Decks					
Side Discharge	44"	44" & 48"	44" & 48" & 60"	44" & 48" & 60"	44" & 48" & 60"
Rear Discharge	44"	44"	44"	44"	44"
Front Tire Size	16 x6.50-8	16 x 6.50-8	16 x 6.50-8	16 x 6.50-8	16 x 6.50-8
Rear Tire Size	23 x 10.50-12	8.00 - 16	8.00 - 16	8.00 - 16	8.00 - 16

**Limited Warranty: 2 Years Residential, 1 Year Commercial**



**Ingersoll**

**Ingersoll Tractor Co.**

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