# LS Tractor

## **J Series**

J2020H / J2023H (New) / J2030H

**Small Compacts** 



- 23HP & 27HP, 3 cylinder fuel efficient engine
- 5 year warranty\*
- 2 range HST with Cruise control
- Two directional pedals and tandem pump for J2023H
- Front wheel mechanical assist 4WD
- Choice of industrial or turf tires at no additional cost
- Available quick attach front end loader with pin-on bucket & grill guard
- Available sub-frame mounted, quick attach 6' backhoe
- Available 60" mid-mount mower
- Available 50" snow blower

### Excel in Your Field

### **Specifications**

Fendine           Type         3 - Cylinder, Indirect - injection, Water - coled           Model(Tier 4 Interim)         Mitsubishi S3L         Alternator           PTO HP         17.5         17.5         20.6         20.4         20.0	CATEGORY	J2020H	J2023H(NEW)	J2030H
Model(Tier 4 Interim)         Mitsubishi S3L         Mitsubishi S3L         Mitsubishi S3L         Mitsubishi S3L           Engine HP(Gross)         23         23         27           PTO HP         17.5         17.5         20.5           Rated speed, RPM         2,700         2.700           Displacement-cu, in³.         68.7         68.7         80.4           Fuel tank capacity(gal)         6.6         4.6           Alternator(V-A)         12V - 50 Amps         4.7           DRIVE TRAIN           Transmmision         Hydrostatic Drive         No. of Speed         2 Ranges           Brakes         Wet, Multi - disc         Steering           Brakes         Wet, Multi - disc         Steering           PTO         Hydrostatic Power Steering           PTO           Type         Independent           Rear(pm)         Standard (540 rpm)           Mid PTO         Standard (540 rpm)           HYDRAULIC SYSTEM           Implement pump, gpm         5.9         6.4         5.9           Steering pump, gpm         2.7         2.8         2.7           Total flow, gpm         8.6         9.2         8.6	ENGINE			
Engine HP(Gross)         23         23         27           PTO HP         17.5         17.5         20.5           Rated speed, RPM         2,700         Displacement-cu, in³.         68.7         68.7         80.4           Fuel tank capacity(gal)         6.6         Alternator(V-A)         12V - 50 Amps           DRIVE TRAIN           Transmision         Hydrostatic Drive           No. of Speed         2 Ranges           Brakes         Wet, Multi - disc           Steering         Hydrostatic Power Steering           PTO           Type         Independent           Rear(rpm)         Standard (540 rpm)           Mid PTO         Standard (2000 rpm)           HYDRAULIC SYSTEM           Implement pump, gpm         5.9         6.4         5.9           Steering pump, gpm         5.9         6.4         5.9           Steering pump, gpm         2.7         2.8         2.7           Total flow, gpm         8.6         9.2         8.6           Category, 3pt hitch         CAT 1         Hitch Lift capacity, lbs(Hitch end)         1,433           Lift control type         Manual Position         Melectric position	Туре	3 - (	Cylinder, Indirect - injection, Water	- cooled
PTO HP         17.5         17.5         20.5           Rated speed, RPM         2,700           Displacement-cu, in³.         68.7         68.7         80.4           Fuel tank capacity(gal)         6.6         Alternator(V-A)         12V - 50 Amps           DRIVE TRAIN           Transmmision         Hydrostatic Drive           No. of Speed         2 Ranges           Brakes         Wet, Multi - disc           Steering         Hydrostatic Power Steering           PTO           Type         Independent           Rear(rpm)         Standard (540 rpm)           Mid PTO         Standard (2000 rpm)           HYDRAULIC SYSTEM           Implement pump, gpm         5.9         6.4         5.9           Steering pump, gpm         2.7         2.8         2.7           Total flow, gpm         8.6         9.2         8.6           Category, 3pt hitch         CAT 1         Hitch Lift capacity, lbs(Hitch end)         1,433           Lift control type         Manual Position         DIMENSION           Overall length, Bumper to link in.         103           Overall width with tires, in.         44.9           Wheelbase, in.	Model(Tier 4 Interim)	Mitsubishi S	BL Mitsubishi S3L	Mitsubishi S3L2
Rated speed, RPM	Engine HP(Gross)	23	23	27
Displacement-cu, in³.   68.7   68.7   80.4	PTO HP	17.5	17.5	20.5
Fuel tank capacity(gal)         6.6           Alternator(V-A)         12V - 50 Amps           DRIVE TRAIN         Transmision           Transmision         Hydrostatic Drive           No. of Speed         2 Ranges           Brakes         Wet, Multi - disc           Steering         Hydrostatic Power Steering           PTO         Type           Independent           Rear(rpm)         Standard (540 rpm)           Mid PTO         Standard (2000 rpm)           HYDRAULIC SYSTEM         Implement pump, gpm           Mimplement pump, gpm         5.9         6.4         5.9           Steering pump, gpm         2.7         2.8         2.7           Total flow, gpm         8.6         9.2         8.6           Category, 3pt hitch         CAT 1         Hitch Lift capacity, lbs(Hitch end)         1,433           Lift control type         Manual Position         DIMENSION           Overall length, Bumper to link in.         103         Overall length, Bumper to link in.           Overall width with tires, in.         44.9         Hydrostatic Drive           Wheelbase, in.         59         Ht to top of rops, in.         85           TIRE SIZE <th< td=""><td>Rated speed, RPM</td><td></td><td>2,700</td><td></td></th<>	Rated speed, RPM		2,700	
Alternator(V-A)	Displacement-cu, in <sup>3</sup> .	68.7	68.7	80.4
DRIVE TRAIN           Transmmision         Hydrostatic Drive           No. of Speed         2 Ranges           Brakes         Wet, Multi - disc           Steering         Hydrostatic Power Steering           PTO           Type         Independent           Rear(pm)         Standard (540 rpm)           Mid PTO         Standard (2000 rpm)           HYDRAULIC SYSTEM           Implement pump, gpm         5.9         6.4         5.9           Steering pump, gpm         2.7         2.8         2.7           Total flow, gpm         8.6         9.2         8.6           Category, 3pt hitch         CAT 1         Hitch Lift capacity, lbs(Hitch end)         1,433           Lift control type         Manual Position         DIMENSION           Overall length, Bumper to link in.         103           Overall width with tires, in.         44.9           Wheelbase, in.         59           Ht to top of rops, in.         85           TIRE SIZE           IND Front / Rear         23 x 8.5 - 12 / 33 x 12.5 - 16.5           WEIGHT	Fuel tank capacity(gal)		6.6	
Transmmision         Hydrostatic Drive           No. of Speed         2 Ranges           Brakes         Wet, Multi - disc           Steering         Hydrostatic Power Steering           PTO           Type         Independent           Rear(pm)         Standard (540 rpm)           Mid PTO         Standard (2000 rpm)           HYDRAULIC SYSTEM           Implement pump, gpm         5.9           5.9         6.4           5.9         Steering pump, gpm           2.7         2.8           Category, 3pt hitch         CAT 1           Hitch Lift capacity, lbs(Hitch end)         1,433           Lift control type         Manual Position           DIMENSION           Overall length, Bumper to link in.         103           Overall width with tires, in.         44.9           Wheelbase, in.         59           Ht to top of rops, in.         85           TIRE SIZE           IND Front / Rear         23 x 8.5 - 12 / 33 x 12.5 - 16.5           WEIGHT	Alternator(V-A)	12V - 50 Amps		
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Brakes         Wet, Multi - disc           Steering         Hydrostatic Power Steering           PTO           Type         Independent           Rear(rpm)         Standard (540 rpm)           Mid PTO         Standard (2000 rpm)           HYDRAULIC SYSTEM           Implement pump, gpm         5.9         6.4         5.9           Steering pump, gpm         2.7         2.8         2.7           Total flow, gpm         8.6         9.2         8.6           Category, 3pt hitch         CAT 1         CAT 1           Hitch Lift capacity, lbs(Hitch end)         1,433         Lift control type         Manual Position           DIMENSION           Overall length, Bumper to link in.         103         Overall width with tires, in.         44.9           Wheelbase, in.         59         44.9         44.9           TIRE SIZE         IND Front / Rear         23 x 8.5 - 12 / 33 x 12 - 16.5         Turf Front / Rear         23 x 8.5 - 12 / 33 x 12.5 - 16.5         WEIGHT	Transmmision		Hydrostatic Drive	
Steering         Hydrostatic Power Steering           PTO           Type         Independent           Rear(rpm)         Standard (540 rpm)           Mid PTO         Standard (2000 rpm)           HYDRAULIC SYSTEM           Implement pump, gpm         5.9         6.4         5.9           Steering pump, gpm         2.7         2.8         2.7           Total flow, gpm         8.6         9.2         8.6           Category, 3pt hitch         CAT 1         CAT 1           Hitch Lift capacity, lbs(Hitch end)         1,433         Lift control type         Manual Position           DIMENSION           Overall length, Bumper to link in.         103         Overall width with tires, in.         44.9           Wheelbase, in.         59         59         59         59           Ht to top of rops, in.         85         TIRE SIZE           IND Front / Rear         23 x 8.5 - 12 / 33 x 12 - 16.5         WEIGHT	No. of Speed		2 Ranges	
PTO           Type         Independent           Rear(rpm)         Standard (540 rpm)           Mid PTO         Standard (2000 rpm)           HYDRAULIC SYSTEM           Implement pump, gpm         5.9         6.4         5.9           Steering pump, gpm         2.7         2.8         2.7           Total flow, gpm         8.6         9.2         8.6           Category, 3pt hitch         CAT 1         CAT 1           Hitch Lift capacity, lbs(Hitch end)         1,433         Lift control type         Manual Position           DIMENSION           Overall length, Bumper to link in.         103         Overall width with tires, in.         44.9           Wheelbase, in.         59         44.9         Standard (2000 rpm)           Ht to top of rops, in.         85         TIRE SIZE           IND Front / Rear         23 x 8.5 - 12 / 33 x 12 - 16.5         Turf Front / Rear           WEIGHT	Brakes	Wet, Multi - disc		
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HYDRAULIC SYSTEM           Implement pump, gpm         5.9         6.4         5.9           Steering pump, gpm         2.7         2.8         2.7           Total flow, gpm         8.6         9.2         8.6           Category, 3pt hitch         CAT 1           Hitch Lift capacity, lbs(Hitch end)         1,433           Lift control type         Manual Position           DIMENSION           Overall length, Bumper to link in.         103           Overall width with tires, in.         44.9           Wheelbase, in.         59           Ht to top of rops, in.         85           TIRE SIZE           IND Front / Rear         23 x 8.5 - 12 / 33 x 12 - 16.5           Turf Front / Rear         23 x 8.5 - 12 / 33 x 12.5 - 16.5           WEIGHT	Rear(rpm)	Standard (540 rpm)		
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Steering pump, gpm       2.7       2.8       2.7         Total flow, gpm       8.6       9.2       8.6         Category, 3pt hitch       CAT 1         Hitch Lift capacity, lbs(Hitch end)       1,433         Lift control type       Manual Position         DIMENSION         Overall length, Bumper to link in.       103         Overall width with tires, in.       44.9         Wheelbase, in.       59         Ht to top of rops, in.       85         TIRE SIZE         IND Front / Rear       23 x 8.5 - 12 / 33 x 12 - 16.5         Turf Front / Rear       23 x 8.5 - 12 / 33 x 12.5 - 16.5         WEIGHT	HYDRAULIC SYSTEM			
Total flow, gpm         8.6         9.2         8.6           Category, 3pt hitch         CAT 1           Hitch Lift capacity, lbs(Hitch end)         1,433           Lift control type         Manual Position           DIMENSION           Overall length, Bumper to link in.         103           Overall width with tires, in.         44.9           Wheelbase, in.         59           Ht to top of rops, in.         85           TIRE SIZE           IND Front / Rear         23 x 8.5 - 12 / 33 x 12 - 16.5           Turf Front / Rear         23 x 8.5 - 12 / 33 x 12.5 - 16.5           WEIGHT	Implement pump, gpm	5.9	6.4	5.9
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Lift control type         Manual Position           DIMENSION           Overall length, Bumper to link in.         103           Overall width with tires, in.         44.9           Wheelbase, in.         59           Ht to top of rops, in.         85           TIRE SIZE           IND Front / Rear         23 x 8.5 - 12 / 33 x 12 - 16.5           Turf Front / Rear         23 x 8.5 - 12 / 33 x 12.5 - 16.5           WEIGHT	Category, 3pt hitch		CAT 1	
DIMENSION  Overall length, Bumper to link in.  103  Overall width with tires, in.  44.9  Wheelbase, in.  59  Ht to top of rops, in.  85  TIRE SIZE  IND Front / Rear  23 x 8.5 - 12 / 33 x 12 - 16.5  Turf Front / Rear  23 x 8.5 - 12 / 33 x 12.5 - 16.5  WEIGHT	Hitch Lift capacity, lbs(Hitch end)		1,433	
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Overall width with tires, in.       44.9         Wheelbase, in.       59         Ht to top of rops, in.       85         TIRE SIZE         IND Front / Rear       23 x 8.5 - 12 / 33 x 12 - 16.5         Turf Front / Rear       23 x 8.5 - 12 / 33 x 12.5 - 16.5         WEIGHT	DIMENSION			
Wheelbase, in.       59         Ht to top of rops, in.       85         TIRE SIZE         IND Front / Rear       23 x 8.5 - 12 / 33 x 12 - 16.5         Turf Front / Rear       23 x 8.5 - 12 / 33 x 12.5 - 16.5         WEIGHT	Overall length, Bumper to link in.		103	
Ht to top of rops, in. 85  TIRE SIZE  IND Front / Rear 23 x 8.5 - 12 / 33 x 12 - 16.5  Turf Front / Rear 23 x 8.5 - 12 / 33 x 12.5 - 16.5  WEIGHT	Overall width with tires, in.	44.9		
TIRE SIZE         IND Front / Rear       23 x 8.5 - 12 / 33 x 12 - 16.5         Turf Front / Rear       23 x 8.5 - 12 / 33 x 12.5 - 16.5         WEIGHT	Wheelbase, in.	59		
IND Front / Rear 23 x 8.5 - 12 / 33 x 12 - 16.5 Turf Front / Rear 23 x 8.5 - 12 / 33 x 12.5 - 16.5 WEIGHT	Ht to top of rops, in.		85	
Turf Front / Rear 23 x 8.5 - 12 / 33 x 12.5 - 16.5 <b>WEIGHT</b>	TIRE SIZE			
WEIGHT	IND Front / Rear	23 x 8.5 - 12 / 33 x 12 - 16.5		
-	Turf Front / Rear		23 x 8.5 - 12 / 33 x 12.5 - 1	6.5
Total weight without ballast, lbs. 1,565 1,565 1,587	WEIGHT			
	Total weight without ballast, lbs.	1,565	1,565	1,587

Note Specifications and design are subject to change without prior notice.

#### **Get More Standard Features**

- Power steering
- Switch operated Independent PTO, rear & mid
- · Lever selector for rear PTO, mid PTO or both
- · Foldable ROPS with seat belt
- Rear work light
- Hydraulic position control
- Differential lock
- Draw bar

- · Pre-heat starting aid
- Safety flashers & turn signals
- · Fuel, coolant temperature, tachometer & hour meter gauges
- · Pre-heating, parking brake, battery charging, engine oil pressure, PTO operation and high beam operation/warning lights







ront end Loader	LL2100	LL2101
ractor Application	J2020H J2030H	J2023H
flaximum Lift height, in.	85.7	85.7
Elearance with Attachment Dump, in.	66.1	65
leach at Maximum Height, in.	17.2	22
laximum Dump Angle, deg.	50	52
laximum Rollback Angle, deg.	30	43
ligging Depth, in.	5.5	4.4
overall Height in Carry Position, in.	40.4	42.8
ift Capacity(@ Pivot pin), lbs.	1,150	1,270
reakout Force(@ Pivot pin), lbs.	1,740	1,640
pprox. Weight (Loader w/o Bucket), lbs.	494	638

Backhoe	LB1103	LB1104
Tractor Application	J2020H J2030H	J2023H
Digging Depth, in.	76.9	79.3
Reach from centerline of swing Pivot, in	114.5	113.3
Loading Height, in.	61.9	56.9
Swing Arc, deg.	180	150
Transport Height, in.	77.4	75.3
Bucket Rotating, deg.	180	163
Stabilizer Spread(Down position), in.	76.2	86.8
Stabilizer Spread(Up position), in.	45.4	55.7
Bucket Digging force, lbs.	2,068	2,096

Mid-mount Mower	LM3560
Tractor Application	for all the J series
Cutting Width, in.	60
Overall Width, in.	74
Cutting Height Range, in.	1 to 4-1/8
Deck shell Thickness, in.	10-Gauge (0.1345 in.) Grade 50 steel
Spindle Speed at 2000 RPM	2,842 RPM
Blade Tip Speed, ft./min	18,000
Number of Blades	3
Blade Length, in.	21
Blade Width, in.	2-1/2
Blade Thickness, in.	1/4
Shipping Weight of Base 60" Deck, lbs.	450

Snow Blower	LS3150
Tractor Application	for all the J series
Overall width	50"
Cutting width	49 3/4"
Cutting height	20"
Impeller drive	Chain #40
Auger drive	Worm gear
Auger diameter	12 3/4"
Impeller diameter	15 3/4"
Number of blades on impeller	3
Chute rotation	Manual
Adjustable heavy skid shoes	Yes



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