

6400 Series specifications

TRACTOR MODEL	6465	6475	6480	6485	6490	6495	6497	6499
Performance								
PTO HP @ 2,200: rpm (kW)	100 (75)	110 (82)	120 (90)	130 (97)	140 (104)	155 (116)	165 (123)	180 (134)
Fuel tank capacity (std/opt): US gal (L)	70 (270)	70 (270)	70 (270)	93.8 (355)	93.8 (355)	93.8 (355)	93.8 (355)	93.8 (355)
Engine								
Type (Tier III compliant)	Perkins I1106D	Perkins I1106D	Perkins I1106D	SisuDiesel 66 CTA	SisuDiesel 66 CTA	SisuDiesel 66 CTA	SisuDiesel 74 CTA	SisuDiesel 74 CTA
# of cylinders	6	6	6	6	6	6	6	6
Aspiration/charge cooling	Wastegate/air to air	Wastegate/air to air	Wastegate/air to air	Wastegate/air to air	Wastegate/air to air	Wastegate/air to air	Wastegate/air to air	Wastegate/air to air
Type of cooling	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Bore x stroke: in.	4.13 x 5.00	4.13 x 5.00	4.13 x 5.00	4.25 x 4.70	4.25 x 4.70	4.25 x 4.70	4.25 x 5.28	4.25 x 5.28
Total displacement (CID/L)	402/6.6	402/6.6	402/6.6	402/6.6	402/6.6	402/6.6	452/7.4	452/7.4
Starting aid	Thermostart	Thermostart	Thermostart	Grid heater	Grid heater	Grid heater	Grid heater	Grid heater
Transmission								
Type	Dyna-6	Dyna-6	Dyna-6	Dyna-6	Dyna-6	Dyna-6	Dyna-6	Dyna-6
Type of gears/ranges	4 Range/6 PowerShifts	4 Range/6 PowerShifts	4 Range/6 PowerShifts	4 Range/6 PowerShifts	4 Range/6 PowerShifts	4 Range/6 PowerShifts	4 Range/6 PowerShifts	4 Range/6 PowerShifts
Speeds forward/reverse	24 x 24	24 x 24	24 x 24	24 x 24	24 x 24	24 x 24	24 x 24	24 x 24
Travel speeds, std: mpg (kph)	0-25 (40)	0-25 (40)	0-25 (40)	0-25 (40)	0-25 (40)	0-25 (40)	0-25mph (40kph)	0-25mph (40kph)
Travel speeds, opt: mpg (kph)	0-32 (50)	0-32 (50)	0-32 (50)	0-32 (5)	0-32 (50)	0-32 (50)	0-32mph (50kph)	0-32mph (50kph)
Axle type (std/opt)	Flange std.	Flange std./bar opt.	Bar standard	Bar standard	Bar standard	Bar standard	Bar standard	Bar standard
3-point hitch								
ASAE category	Cat 2	Cat 2	Cat 2	Cat 3/3N	Cat 3/3N	Cat 3/3N	Cat 3/3N	Cat 3/3N
Stabilizers	Telescopic/sway blocks	Telescopic/sway blocks	Telescopic/sway blocks	Sway blocks	Sway blocks	Sway blocks	Sway blocks	Sway Blocks
Telescopic lower links	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Lift capacity @ 24": lbs (kg)	7,150 (3,240)	9,391 (4,260)	9,391 (4,260)	16,500 (7,480)	16,500 (7,480)	16,500 (7,480)	15,700 (7,120)	15,700 (7,120)
Front 3-point hitch lift capacity: lbs (kg) Opt.	8,800 (4,000)	8,800 (4,000)	8,800 (4,000)	8,800 (4,000)	8,800 (4,000)	8,800 (4,000)	8,800 (4,000)	8,800 (4,000)
4WD front axle								
Controls	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic
Method of engagement	Wet multi-disc	Wet multi-disc	Wet multi-disc	Wet multi-disc	Wet multi-disc	Wet multi-disc	Wet multi-disc	Wet multi-disc
Differential lock control	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic
Max steering angle (degrees)	55	55	55	55	55	55	55	55
2WD dimensions & weight								
Wheelbase: in. (mm)	111.3 (2,827)	111.3 (2,827)	111.3 (2,827)	118.0 (2,996)	118.0 (2,996)	118.0 (2,996)	NA	NA
Overall length w/ front weights: in. (mm)	202 (5,130)	202 (5,130)	202 (5,130)	214 (5,435)	214 (5,435)	214 (5,435)	NA	NA
Min overall width: in. (mm)**	85.2 (2,165)	85.2 (2,165)	85.2 (2,165)	91.9 (2,334)	91.9 (2,334)	91.9 (2,334)	NA	NA
Height over cab: in. (mm)	113 (2,870)	113 (2,870)	113 (2,870)	120 (3,048)	120 (3,048)	120 (3,048)	NA	NA
Tire size, front	10.00 x 16	10.00 x 16	10.00 x 16	11.00-16	11.00-16	11.00-16	NA	NA
Treadwidth, front: in. (mm)	60-80 (1,524-2,032)	60-80 (1,524-2,032)	60-80 (1,524-2,032)	60-80 (1,524-2,032)	60-80 (1,524-2,032)	60-80 (1,524-2,032)	NA	NA
Tire size, rear	18.4R38	18.4R38	18.4R38	18.4R42	18.4R42	18.4R42	NA	NA
Treadwidth, rear: in.	60-80	63-82 flange, 56-80 short bar, 56-112 long bar	56-80 short bar, 56-112 long bar	60-119 long bar	60-119 long bar	60-119 long bar	NA	NA
Treadwidth, rear: mm.	1,524-2,032	1,600-2,083 flange, 1,422-2,032 short bar, 1,422-2,845 long bar	1,422-2,032 short bar, 1,422-2,845 long bar	1,524-3,023 long bar	1,524-3,023 long bar	1,524-3,023 long bar	NA	NA
Drawbar ground clearance: in. (mm)	15.5 (390)	15.5 (390)	15.5 (390)	17.8 (452)	17.8 (452)	17.8 (452)	NA	NA
Approximate shipping weight: lb (kg)	10,500 (4,760)	11,700 (5,300)	12,800 (5,800)	14,275 (6,475)	14,275 (6,475)	14,275 (6,475)	NA	NA

* Turning radius is without brakes on both 2WD and 4WD tractors. Front wheel drive is also disengaged on 4WD tractors.

** Outside to outside width at steps.

TRACTOR MODEL	6465	6475	6480	6485	6490	6495	6497	6499
4WD dimensions & weight								
Wheelbase: in. (mm)	111.3 (2,827)	111.3 (2,827)	111.3 (2,827)	118.0 (2,996)	118.0 (2,996)	118.0 (2,996)	118.0 (2,996)	118.0 (2,996)
Overall length w/ front weights: in. (mm)	202 (5,130)	202 (5,130)	202 (5,130)	214 (5,435)	214 (5,435)	214 (5,435)	214 (5,435)	214 (5,435)
Min overall width: in. (mm)	85.2 (2,165)	85.2 (2,165)	85.2 (2,165)	91.9 (2,334)	91.9 (2,334)	91.9 (2,334)	98.2 (2,494)	98.2 (2,494)
Height over cab: in. (mm)	113 (2,870)	113 (2,870)	113 (2,870)	120 (3,048)	120 (3,048)	120 (3,048)	120 (3,048)	120 (3,048)
Tire size, front	14.9R28	14.9R28	14.9R28	14.9 R30	14.9 R30	14.9 R30	14.9 R30	14.9 R30
Treadwidth, front: in. (mm)	56.0-84.0	56.0-84.0	56.0-84.0	60.0-88.0	60.0-88.0	60.0-88.0	60.0-88.0	60.0-88.0
Tire size, rear	18.4R38	18.4R38	18.4R38	18.4R42	18.4R42	18.4R42	18.4R42	18.4R42
Treadwidth, rear: in.	60-80	63-82 flange, 56-80 short bar, 56-112 long bar	56-80 short bar, 56-112 long bar	60-119 long bar	60-119 Long Bar	60-119 long bar	60-119 long bar	60-119 long bar
Drawbar ground clearance: in. (mm)	15.5 (390)	15.5 (390)	15.5 (390)	17.8 (452)	17.8 (452)	17.8 (452)	17.8 (452)	17.8 (452)
Turn radius 14.9R30 @ 60° tread: ft-in. (m-mm)*	15.6 (396)	15.6 (396)	15.6 (396)	16.6 (422)	16.6 (422)	16.6 (422)	16.6 (422)	16.6 (422)
Approximate shipping weight: lb (kg)**	11,000 (4,990)	12,200 (5,440)	13,300 (6,030)	14,300 (6,486)	14,300 (6,486)	14,300 (6,486)	17,200 (7,800)	17,200 (7,800)
PTO								
Type	Independent	Independent	Independent	Independent	Independent	Independent	Independent	Independent
Control	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic
Type of clutch	Wet multi-disc	Wet multi-disc	Wet multi-disc	Wet multi-disc	Wet multi-disc	Wet multi-disc	Wet multi-disc	Wet multi-disc
PTO option (speeds)	540/540E/1000/1000E	540/540E/1000/1000E	540/540E/1000/1000E	540/540E/1000/1000E	540/540E/1000	540/540E/1000	540/540E/1000	540/540E/1000
Front PTO	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Hydraulics - standard								
System type	Closed center PFC	Closed center PFC	Closed center PFC	Closed center PFC	Closed center PFC	Closed center PFC	Closed center PFC	Closed center PFC
Total pump flow: gpm (lpm)	29 (110)	29 (110)	29 (110)	29 (110) Opt 39 (150)	29 (110) Opt 39 (150)	29 (110) Opt 39 (150)	29 (110) Opt 39 (150)	29 (110) Opt 39 (150)
Operating pressure: psi (bar)	2,900 (200)	2,900 (200)	2,900 (200)	2,900 (200)	2,900 (200)	2,900 (200)	2,900 (200)	2,900 (200)
Remotes (std/opt)	2/3/4	2/3/4	2/3/4	3/4/5	3/4/5	3/4/5	3/4/5	3/4/5
Clutch								
Type/number of discs	Wet multi-disc	Wet multi-disc	Wet multi-disc	Wet multi-disc	Wet multi-disc	Wet multi-disc	Wet multi-disc	Wet multi-disc
Brakes & final drives								
Type of final drives	Planetary	Planetary	Planetary	Planetary	Planetary	Planetary	Planetary	Planetary
Type of brakes	Wet disc	Wet disc	Wet disc	Wet disc	Wet disc	Wet disc	Wet disc	Wet disc
Control	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic
Electrical system								
Batteries	2-600 CCA	2-600 CCA	2-600 CCA	2-600 CCA	2-600 CCA	2-600 CCA	2-600 CCA	2-600 CCA
Alternator amperage (std/opt)	120/150	120/150	120/150	120/150	120/150	120/150	150	150
Operator area								
Type of operator area (ROPS cab or ROPS)	ROPS Cab	ROPS Cab	ROPS Cab	ROPS Cab	ROPS Cab	ROPS Cab	ROPS Cab	ROPS Cab
Cab sound level: dBA	69	69	69	69	69	69	69	69
Cab glass area: ft² (m²)	61 (5.6)	61 (5.6)	61 (5.6)	61 (5.6)	61 (5.6)	61 (5.6)	61 (5.6)	61 (5.6)
Cab doors	2	2	2	2	2	2	2	2
Pneumatic cab suspension	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Steering wheel adjust (tilt/telescope)	Tilt/telescope	Tilt/telescope	Tilt/telescope	Tilt/telescope	Tilt/telescope	Tilt/telescope	Tilt/telescope	Tilt/telescope
Transmission control location	Rt armrest/lft column	Rt armrest/lft column	Rt armrest/lft column	Rt armrest/lft column	Rt armrest/lft column	Rt armrest/lft column	Rt armrest/lft column	Rt armrest/lft column
Seat suspension	Air suspension	Air suspension	Air suspension	Air suspension	Air suspension	Air suspension	Air suspension	Air suspension

* Turning Radius is without brakes on both 2WD and 4WD tractors. Front wheel drive is also disengaged on 4WD tractors.

** Model 6465-4WD cab with 14.9R28/18.4R38 tires and front fenders