

7400 Series specifications

MODEL	7465	7475	7480	7485	7490	7495
Performance						
PTO HP @ 2,220: rpm (kW)	100 (75)	110 (82)	120 (90)	130 (97)	140 (104)	155 (116)
Engine						
Engine make (Tier III compliant)	Perkins	Perkins	Perkins	SisuDiesel	SisuDiesel	SisuDiesel
Engine model	1106D	1106D	1106D	66CTA	66CTA	66CTA
Aspiration	Turbo charged-air aftercooled	Turbo charged-air aftercooled	Turbo charged-air aftercooled	Turbo charged-air aftercooled	Turbo charged-air aftercooled	Turbo charged-air aftercooled
Cylinders	6	6	6	6	6	6
Bore: in. (mm)	4.13 (105)	4.13 (105)	4.13 (105)	4.25 (1.08)	4.25 (1.08)	4.25 (1.08)
Stroke: in. (mm)	5.00 (127)	5.00 (127)	5.00 (127)	4.70 (120)	4.70 (120)	4.70 (120)
Displacement: in ³ (L)	402/6.6	402/6.6	402/6.6	402 (6.6)	402 (6.6)	402 (6.6)
Air cleaner	Donaldson-dry type	Donaldson-dry type	Donaldson-dry type	Donaldson-dry type	Donaldson-dry type	Donaldson-dry type
Transmission						
Type	Dyna-VT	Dyna-VT	Dyna-VT	Dyna-VT	Dyna-VT	Dyna-VT
Ranges	2	2	2	2	2	2
Speeds forward/reverse	Infinite	Infinite	Infinite	Infinite	Infinite	Infinite
Cruise control speeds	2 per range	2 per range	2 per range	2 per range	2 per range	2 per range
Travel speeds, std: mpg (kph)	0-25 (40)	0-25 (40)	0-25 (40)	0-25 (40)	0-25 (40)	0-25 (40)
Travel speeds, opt: mpg (kph)	0-32 (50)	0-32 (50)	0-32 (50)	0-32 (50)	0-32 (50)	0-32 (50)
Capacities						
Fuel: gal (L)	70 (265)	70 (265)	70 (265)	93.8 (355)	93.8 (355)	93.8 (355)
Transmission: gal (L)	13.2 (50)	13.2 (50)	13.2 (50)	13.2 (50)	13.2 (50)	13.2 (50)
3-point hitch						
Lift, max. 24 in. (610 mm) behind link ends: lbs (kg)	10,500 (4,762)	10,500 (4,762)	10,500 (4,762)	16,140 (7,320)	16,140 (7,320)	16,140 (7,320)
Category	Cat 3/3N	Cat 3/3N	Cat 3/3N	Cat 3/3N	Cat 3/3N	Cat 3/3N
Draft sensing	Lower link	Lower link	Lower link	Lower link	Lower link	Lower link
Optional front 3-point hitch lift capacity: lbs (kg)	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						
Steering angle in degrees	55	55	55	55	55	55
Differential lock	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic
Min/max tread width: in. (mm)	56-84 (1,422-2,134)	56-84 (1,422-2,134)	56-84 (1,422-2,134)	60-88 (1,524-2,235)	60-88 (1,524-2,235)	60-88 (1,524-2,235)

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Rear axle						
Type	Bar	Bar	Bar	Bar	Bar	Bar
Differential lock	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic
Final drives	Inboard planetary	Inboard planetary	Inboard planetary	Inboard planetary	Inboard planetary	Inboard planetary
Dimensions						
Length: in. (mm)	204 (5,180)	204 (5,180)	204 (5,180)	210 (5,345)	210 (5,345)	210 (5,345)
Height over cab: in. (mm)	113 (2,870)	113 (2,870)	113 (2,870)	120 (3,048)	120 (3,048)	120 (3,048)
Width min: in. (mm)	97.2 (2,469) short bar	97.2 (2,469) short bar	97.2 (2,469) short bar	97.2 (2,469) short bar	97.2 (2,469) short bar	97.2 (2,469) short bar
Width max: in. (mm)	118.1 (2,999) long bar	118.1 (2,999) long bar	118.1 (2,999) long bar	118.1 (2,999) long bar	118.1 (2,999) long bar	118.1 (2,999) long bar
Clearance under drawbar: in. (mm)	14 (356)	14 (356)	14 (356)	14 (356)	14 (356)	14 (356)
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)
Weight, 4WD: lb (kg)	15,100 (6,850)	15,100 (6,850)	15,100 (6,850)	15,100 (6,850)	15,100 (6,850)	15,100 (6,850)
Turn radius 14.9R30 @ 60" tread ft (m)*	15.6	15.6	15.6	16.6	16.6	16.6
Power take-off (PTO)						
Speeds	540/540 economy/1,000	540/540 economy/1,000	540/540 economy/1,000	540/540 economy/1,000	540/540 economy/1,000	540/540 economy/1,000
Engagement	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic
Hydraulics						
Type	Closed center	Closed center	Closed center	Closed center	Closed center	Closed center
Max. hyd. flow (std/opt): gpm (lpm)	29 (110)	29 (110)	29 (110)	29 (110) opt 39 (150)	29 (110) opt 39 (150)	29 (110) opt 39 (150)
Max pressure: psi (bar)	2,900 (200)	2,900 (200)	2,900 (200)	2,900 (200)	2,900 (200)	2,900 (200)
Remote valves (std/opt)	3/4	3/4	3/4	3/4	3/4	3/4
Steering/brakes						
Steering column	Tilt/telescopic	Tilt/telescopic	Tilt/telescopic	Tilt/telescopic	Tilt/telescopic	Tilt/telescopic
Brakes	Wet disc	Wet disc	Wet disc	Wet disc	Wet disc	Wet disc
Parking brake	Hand operated lever	Hand operated lever	Hand operated lever	Hand operated lever	Hand operated lever	Hand operated lever
Electrical						
Batteries	2-600 CCA	2-600 CCA	2-600 CCA	2-600 CCA	2-600 CCA	2-600 CCA
Alternator (std/opt)	120/150	120/150	120/150	120/150	120/150	120/150
Lighting, front	2 front grill hi/lo beam head lights, 2 single bulb field lights above windshield, 2 single bulb field lights on hand rail			2 front grill hi/lo beam head lights, 2 single bulb field lights above windshield, 2 double bulb field lights on hand rail, 2 single bulb field lights on steps		
	2 double bulb field lights above windshield, 2 single bulb field lights mounted on fenders					
Operator's area						
Cab	Isolation mounted cab	Isolation mounted cab	Isolation mounted cab	Isolation mounted cab	Isolation mounted cab	Isolation mounted cab
Cab glass area: ft ² (m ²)	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
Cab sound level: dBA	69	69	69	69	69	69
Pneumatic cab suspension	Optional	Optional	Optional	Optional	Optional	Optional

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

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