

Challenger

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MT400D Series
SPECIFICATIONS



MODELS	MT455D	MT465D	MT475D	MT485D	MT495D
ENGINE PERFORMANCE					
PTO HP @ 2,200-rated engine rpm (kW)					
Techstar CVT	N/A	N/A	100	110	120
AutoPower VI	N/A	N/A	N/A	115	125
AutoPower IV	90	100	N/A	110	N/A
ISO engine HP @ 2200 rated engine rpm (kW)					
Techstar CVT	N/A	N/A	130	140	150
AutoPower VI	N/A	N/A	N/A	140	150
AutoPower IV	110	120	N/A	135	N/A

ENGINE	
Rated speed (rpm)	2200
Type	AGCO POWER with e3 clean air technology
Model	49AWI
Number of cylinders	4
Aspiration	Turbocharged with air/air intercooler
Displacement liters (CID)	4.9L
Fuel Injection System	Bosch Electronic High Pressure Common Rail
Fuel	Diesel
Lubrication System	Gear Pump at Bottom of Timing Gear
Oil Filter	Single, Spin On
Starting Aid	Thermostart

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TRANSMISSION – TECHSTAR CVT					
Clutches	N/A	N/A	Standard	Optional	Optional
Speed Range – mph (km/h)	None				
Forward Speeds	.02 - 31 (.03 - 50)				
Cruise Control Speeds	Infinite				
	2				
TRANSMISSION – AUTOPOWER VI					
Clutches	N/A	N/A	N/A	Optional	Optional
Speed Range – mph (km/h)	5 Disc				
Forward/Reverse Speeds	0.6 - 31 (0.9 - 50)				
AUTO-DRIVE	24x24				
	Standard, automatic shifting of gears and ranges				
TRANSMISSION – AUTOPOWER IV					
Clutches	Standard	Standard	N/A	Optional	N/A
Speed Range – mph (km/h)	5 Disc				
Forward/Reverse Speeds	0.6 - 25 (0.9 - 40)				
AUTO-DRIVE	16x16				
	Standard, automatic shifting of gears and ranges				
PTO					
Speed (rpm)	540/1000 with optional Economy PTO				

DIMENSIONS & WEIGHT	MT455D	MT465D	MT475D	MT485D	MT495D
Wheelbase - in (mm)	105	105	105	105	105
Approx. shipping weight - lbs (kg)*	11,900 (5,400)	12,500 (5,700)	12,500 (5,700)	12,500 (5,700)	12,500 (5,700)
	*Machine weight varies based on transmission option				



ALL MODELS	
HYDRAULICS	
System type	Optional Open Center & CCLS
Total flow rate - US standard gallon (L)	15/26/29gpm
Maximum pressure PSI (bar)	2900
Available flow rate per spool valves gpm (L/min)	TBD
Remotes	
Classic – standard	1/2/3/ Mechanical
Classic – optional	4th Mechanical
Deluxe – standard	1/2 electric fingertips (joystick opt), 3/4 Mech
Premium – standard	1/2/3/4/electric fingertips (joystick optional on 1/2)
Hydraulic Couplers	Decompression Couplers
Coupler Size	ISO 1/2"
THREE-POINT HITCH – REAR	
Category	2 & 3
Stabilizer	Telescopic
Lift Capacity 24" back of the pin	11,400 (5,170)
THREE-POINT HITCH – FRONT	
Lift Capacity – lbs (kg)	6,172 (2,800)
FRONT AXLE	
2-wheel Drive	N/A
4-wheel Drive Differential Lock	Fully Locking, electrohydraulic
4-wheel Drive maximum steering angle	55
Quadlink Front Axle Suspension	Standard on Deluxe and Premium Models
Quadlink Suspension Operation	Hydraulic
CAPACITIES	
Fuel Tank – gal (L)	61 (223)
Diesel Exhaust Fluid – gal (L)	9.2 (35)



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