

Challenger

MT400D Series
SPECIFICATIONS



Challenger



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				
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				

MODELS	MT455D	MT465D	MT475D	MT485D	MT495D
TRANSMISSION – TECHSTAR CVT	N/A	N/A	Standard	Optional	Optional
Clutches	None				
Speed Range – mph (km/h)	.02 - 31 (.03 - 50)				
Forward Speeds	Infinite				
Cruise Control Speeds	2				
TRANSMISSION – AUTOPOWER VI	N/A	N/A	N/A	Optional	Optional
Clutches	5 Disc				
Speed Range – mph (km/h)	0.6 - 31 (0.9 - 50)				
Forward/Reverse Speeds	24x24				
AUTO-DRIVE	Standard, automatic shifting of gears and ranges				
TRANSMISSION – AUTOPOWER IV	Standard	Standard	N/A	Optional	N/A
Clutches	5 Disc				
Speed Range – mph (km/h)	0.6 - 25 (0.9 - 40)				
Forward/Reverse Speeds	16x16				
AUTO-DRIVE	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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