



TG7300B & TG8300B SPECIFICATIONS

ENGINE	TG7300B	TG8300B
Make	AGCO Power	AGCO Power
Type	AP84-F	AP84-F
Number of Cylinders	6	6
Displacement	8.4 L (513 CID)	8.4 L (513 CID)
Horsepower	332 HP (247 kW) @ 2,100 rpm	365 HP (272 kW) @ 2,100 rpm
Peak Horsepower	363 HP (270 kW) @ 1,950 rpm	393 HP (293 kW) @ 1,950 rpm
Torque	1,121 ft-lbs (1,520 N-m) @ 1,500 rpm	1,180 ft-lbs (1,600 N-m) @ 1,500 rpm
TRANSMISSION	AGCO ML-260 Continuously Variable Transmission	
Type	AGCO ML-260 Continuously Variable Transmission	
Forward Speed (high/low)	41 mph / 23 mph (67 kmh / 37 kmh)	
AXLES	3.75-in.-diameter (9.5 cm) freewheeling, cold-rolled solid steel	
Front	AxleTech® PRC-673 wide track 42,000-lb. rating with flotation tires	
Rear	AxleTech® PRC-673 wide track 42,000-lb. rating with flotation tires	
SYSTEMS/CONTROLLERS	1,800-gal. liquid (TerraGator Boom or Benson Boom II)	
Systems Available	New Leader L4000G4 Spinner, Air Max Precision, Air Spreader	
	1,800-gal. liquid (TerraGator Boom or Benson Boom II)	
	New Leader L4000G4 Spinner, AirMax Precision, AirMax Precision 2, Air Spreader, Twin Bin	
Controllers Available	Raven Viper 4™	

AIR SYSTEM	Engine-mounted	
Compressor	120 psi (8.2 bar)	
Governor	14.1 cfm (6.7 L/s)	
CFM	Dual	
Reservoir	Dual	
WEIGHTS	14,000 lbs. (5,670 kg)	
Rated Capacity Front	42,000 lbs. (19,050 kg)	
Rated Capacity Rear	9,338 lbs. (4,236 kg)	
Approximate Front Weight	10,758 lbs. (4,880 kg)	
Approximate Rear Weight		
SUSPENSION	Rigid rear axle to frame mount	
Type		
STEERING	Dynamic load sense	
Type		
TIRES	Goodyear® Optiterra Radial	
Standard	Michelin® Radial 1000/50R25	
Optional	Firestone® DT 66 x 43 - 25	

APPLICATION CAB	58 sq.ft (5.4 m²) / 14 sq.ft. (1.39 m²)	
Glass Area / Floor Area	Air-ride cab	
Cab Suspension	AM/FM / stereo / CD-MP3-compatible / weather band	
Radio	Automatic temperature control / 3-level activated carbon	
HVAC / Filtration	14-in. diameter	
Steering Wheel	Semi-active seat suspension with heated seat cushions	
Standard Seat	Leather semi-active or air ride seat	
Optional Seat		
FLUID CAPACITIES	165 gal. (625 L)	
Fuel	15 gal. (56.8 L)	
Diesel Exhaust Fluid (DEF)	8 gal. (30.3 L)	
Engine coolant	6 gal. (22.7 L)	
Engine oil	14 gal. (53 L)	
Transmission oil	12 gal. (46 L)	
Hydraulic reservoir		
DRY SYSTEM DELIVERY CAPACITIES	Single bin 310 cu.ft. (8.8 m3)	
AirMax Precision	Adjustable, split bin 300 cu.ft. (8.5 m3)	
AirMax Precision 2	Single bin, multiple products 315 sq.ft. (8.9 m3)	
Air Spreader	Two bins 290 cu.ft. (8.2 m3)	
Soilection Twin Bin	Single bin, optional inserts Up to 331 cu.ft. (9.4 m3)	
New Leader L4000G4		



TG8400B SPECIFICATIONS

ENGINE

Make	AGCO Power	
Type	AP84-4	
Number of Cylinders	6	
Displacement	8.4 L (513 CID)	
Horsepower	365 HP (272 kW) @ 2,100 rpm	
Peak Horsepower	393HP (293 kW) @ 1,900 rpm	
Torque	1,136 ft-lbs (1,540.2 N-m) 2,100 rpm	

TRANSMISSION

Type	AGCO ML-260 Continuously Variable Transmission	
Forward Speeds	1000/50R25 Rear Tire Option	1050/50R32 Rear Tire Option
High Range mph (km/h)	0 – 42 (0 – 68)	0 – 46 (0 – 74)
Low Range mph (km/h)	0 – 23 (0 – 42)	0 – 29 (0 – 46)

AXLES

Front	AxleTech FS25, steering type with 16.5 in x 6 in Q-Plus™ heavy-duty cam brakes
Rear	AxleTech PRC-673 wide track with a 14.8:1 ratio, double reduction outboard planetary with 18 in x 7 in full air-“S” cam-actuated drum type brakes

SYSTEMS/CONTROLLERS

Systems Available	Liquid systems: 1,800-gal (6,814 L) (TerraGator boom or Benson Boom II)
	Dry systems: AirMax Precision, AirMax Precision 2, Air Spreader, Twin Bin, New Leader L400G4 Spinner
Controllers Available	Raven Viper 4

AIR SYSTEM

Compressor	Engine-mounted
Governor	120 psi (8.2 bar)
CFM	14.1 cfm (6.7 L/s)
Reservoir	Dual

WEIGHTS

Rated capacity front	16,000 lbs. (7,257 kg)
Rated capacity rear	42,000 lbs. (19,050 kg)
Approximate front weight	9,338 lbs. (4,236 kg)
Approximate rear weight	10,758 lbs. (4,880 kg)

SUSPENSION

Type	Heavy-duty front and rear leaf springs with auxiliary rear leaf springs
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STEERING

Type	Dynamic load sense
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TIRES

Front	Goodyear® Radial (Standard) 48X31R20 Goodyear® Radial (Optional) 54X31R26 Goodyear® Optiterra Radial
Rear	Michelin® Radial (Optional) 1000/50R25 Michelin® Radial (Optional) 1050/50R32

APPLICATION CAB

Glass Area / Floor Area	58 sq.ft (5.4 m ²) / 14 sq.ft. (1.39 m ²)
Cab Suspension	Air-ride cab
Radio	AM/FM / stereo / CD-MP3-compatible / weather band
HVAC/Filtration	Automatic temperature control / 3-level activated carbon
Steering wheel	14-in. (35.8 cm) diameter
Standard seat	Semi-active seat suspension with heated seat cushions
Optional seat	Leather semi-active or air ride seat

FLUID CAPACITIES

Fuel	155 gal. (625 L)
DEF (Diesel Exhaust Fluid)	15 gal. (56.8 L)
Engine coolant	8 gal. (30.3 L)
Engine oil	6 gal. (22.7 L)
Transmission oil	14 gal. (53 L)
Hydraulic reservoir	12 gal. (46 L)

DRY SYSTEM DELIVERY CAPACITIES

AirMax Precision	Single bin	310 cu.ft. (8.8 m ³)
AirMax Precision 2	Adjustable, split bin	300 cu.ft. (8.5 m ³)
Air Spreader	Single bin, multiple products	315 sq.ft. (8.9 m ²)
Soilection Twin Bin	Two bins	290 cu.ft. (8.2 m ³)
New Leader	L4000G4 Single bin, optional inserts	up to 331 cu.ft. (9.4 m ³)



TG9300B SPECIFICATIONS

ENGINE

Make	AGCO Power
Type	AP98-4
Number of Cylinders	7
Displacement	9.8 L (598 CID)
Horsepower	425 HP (317 kW) @ 2100 rpm
Peak Horsepower	452 HP (337 kW) @ 1900 rpm
Torque	1,416 ft-lb (1921 N-m) @ 1500 rpm

TRANSMISSION

Type	AGCO ML-260 Continuously Variable Transmission
Forward Speeds	High Range MPH (Km/H) 0-41 (0-66) Low Range MPH (Km/H) 0-21 (0-34)

AXLES

Front	5-in. diameter (12.7 cm) freewheeling, cold-rolled solid steel
Rear	AxleTech® PRLC1735, double reduction, outboard planetary 54,000-lb rating with floatation tires

SYSTEMS/CONTROLLERS

Systems Available	Liquid systems: 2400-gal liquid (Benson Boom II) Dry systems: AirMax Precision, AirMax Precision2, Air Spreader, Twin Bin, Four Bin, New Leader® L4000G4
Controllers Available	Raven Viper 4

AIR SYSTEM

Compressor	Engine-mounted
Governor	120 psi (8.2 bar)
CFM	14.1 cfm (6.7 L/s)
Reservoir	Dual

RATED CAPACITY

Rated Capacity Front	14,000 lbs (6,350 kg)
Rated Capacity Rear	54,000 lbs (24,494 kg)

SUSPENSION

Type	Rigid rear axle to frame mount
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STEERING

Type	Dynamic load sense
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TIRES

Standard	Goodyear® Optiterra Radial
Optional	Michelin® Radial 1050/50R32

APPLICATION CAB

Glass Area / Floor Area	58 sq.ft (5.4 m ²) / 14 sq.ft. (1.39 m ²)
Cab Suspension	Air-ride cab
Radio	AM/FM / stereo / CD-MP3-compatible / weather band
HVAC / Filtration	Automatic temperature control / 3-level activated carbon
Steering Wheel	14-in. diameter
Standard Seat	Semi-active seat suspension with heated seat cushions
Optional Seat	Leather semi-active or air ride seat

FLUID CAPACITIES

Fuel	200 gallon (757 L)
Diesel Exhaust Fluid (DEF)	20 gallon (75.7 L)
Engine coolant	7.6 gallon (28.8 L)
Engine oil	8.5 gallon (32 L)
Transmission oil	14 gallon (53 L)
Hydraulic reservoir	9 gallon (34 L)

DRY SYSTEM DELIVERY CAPACITIES

AirMax Precision	Single bin	355 cu.ft. (10.1 m ³)
AirMax Precision 2	Adjustable, split bin	345 cu.ft. (9.8 m ³)
Air Spreader	Single bin, multiple products	345 cu.ft. (9.8 m ³)
Soilection Twin Bin	Two bins	320 cu.ft. (9.1 m ³)
Soilection Four Bin	Four bins	340 cu.ft. (9.6 m ³)
New Leader L4000G4	Single bin, optional inserts	Up to 388 cu.ft. (11 m ³)