



**AGCO ALLIS
TRACTORS**

7600 SERIES



7600/7600C 2WD 7600A/7600CA AWD

Engine Specifications

Model.....	1055-P
Type.....	5-cylinder, naturally aspirated 4-cycle, direct injection, air-cooled diesel
Bore (in./mm)	4.20/105
Stroke (in./mm)	4.80/120
Displacement (cu.in./ccm.).....	316.77/5193
Compression Ratio	17:1
Maximum output (hp/kw)	95.23/71 @2180 rpm
Torque Rise	12%
Official Test	O.E.C.D. #1009
Max. PTO power (hp/kw)	89.25/66.54
Fuel consumption (gph/lph)	3.26/12.34 PTO test avg.

Features

Air Cleaner	Dry paper element w/safety cartridge vertical intake, above-hood
Exhaust	Above-hood muffler & exhaust
Cylinders.....	In-line, separately removable, finned for cooling
Cylinder heads.....	Individual, cast iron, finned for cooling
Pistons.....	Aluminum alloy, 4 rings
Crankshaft.....	Forged
Main Bearings.....	Six
Crankcase.....	Cast iron
Injection pump	Bosch PFR unit-modular, camshaft driven
Injectors.....	Bosch DLLA
Rated engine speed	2180 rpm
Governed speed range	650 to 2374
Governor	Mechanical variable speed
Cooling system	Direct air-oil cooling by 6-blade, axial cooling blower
Lubrication	Forced feed from gear pump
Oil filter	Full flow, spin-on

Fluid Capacities @

Filling	
Fuel (U.S. gal/litre)	31.70/120
Eng. oil crankcase (qt./litre).....	14.27/13.5
Transmission (U.S. gal/litre	23.14/87.6
Hydraulics (U.S. gal/litre)	Common w/transmission

Electrical (12-Volt)

Alternator	55 Amp/ ROPS/ 65 Amp Cab/Bosch or Marelli
Starter	3.5 kW/Bosch or Marelli
Battery.....	120 Ah/500 Amp quick discharge

Lighting

Front.....	headlights, parking & direction indicator lights
Rear	parking, direction, stop lights, & worklight
Hazard flashers & warning horn	

Clutch

Hydrostatic self-adjusting	
Type.....	Single plate, dry organic lining
Main disc diameter (in./mm).....	14/350

Transmission

Type	Mechanical, synchromesh
Speeds Fwd./Rev.	24Fx12R
Gears.....	4 Fwd., Synchromesh
Ranges.....	3, plus reverser & mini-reduction
Opt. Transmission	None
Speed range (mph).....	Fwd. 0.72-17.46 Rev. 0.85-17.46
(16.9 R 34) (kmh)	Fwd. 1.16-28.1 Rev. 1.36-28.1

Power Take-Off

Type ..	Independent, hand lever control
Speeds.....	540/1000/Neutral (shiftable)
Clutch.....	Oil bath, hydraulic servo control

Clutch disc dia. (in./mm).....	5.96/149
	Multiplate wet clutch
Shaft configuration	1 $\frac{1}{2}$ " - replaceable shaft - 6/21 spline
Eng./PTO speed ratio	540 @1957 rpm/1000@2125 rpm

Steering/Brakes

Steering wheel.....	Tilting
Steering type.....	Hydrostatic
Hyd. oil supply	Rotary gear pump

Service brakes	
Rear.....	Inboard, wet disc, hyd. actuated

Service brakes	
Front (AWD)	Wet disc, simultaneous w/rear

Parking brake.....	Independent, mechanical, oil bath, wet disc
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Turning Radius.....	See Front Axle Spec's
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Hydraulics

Type	open center, load sensing system
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Flow (gpm/lm)	16.91/64
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Pressure (psi/bar)	2610/180
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Pump type	Rotary gear
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Pump drive.....	From live transmission shaft
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Steering pump	Tandem mounted rotary gear pump
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Remote valves	Two
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Type.....	Double acting
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Remote couplers	ISO
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Max. flow @ remotes (gpm/lm)	16.91/64
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Three-Point Hitch

Dimensions	Cat. II/convertible to Cat. I
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Lift cylinders.....	one, internal
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Lift capacity (lbs/kg).....	10141/4600 @lower link ends
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Controls	Draft/Position/Float
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Draft sensing	Lower link
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Stabilizers	Telescopic
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Drawbar	Swinging
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Operator Area

ROPS Type	Isolation mounted platform w/4-post ROPS
Seat.....	"Sable", vinyl covered, w/armrests and seatbelt
Trans. shift levers ..	Right side mounted

Cab Type	Isolation mounted ROPS cab, 2 doors & roof hatch, tinted glass, Front windshield wiper & washer
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Seat.....	Sable, fabric covered, armrests & seatbelt
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Ventilation.....	Filter & inlet grille @ front roofline
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	3-speed, dual cage fan, 4 adj. outlets Recirculation control
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Heating.....	Electric, 2800 Watt, electronic control
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	Dedicated 65 Amp alternator
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Air- Conditioning.....	4-coil condenser, Clarion F140 compressor
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Trans. shift levers ..	Right side mounted
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Instrumentation

Comb. Tachometer/Speedometer/ Hourmeter	
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Fuel level gauge	
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Warning lights for.....	Eng. oil pressure, Alternator, Fuel reserve, Direction indicator, Diff-lock engaged, AWD engaged, Park Brake engaged, Eng. air filter, Hyd. oil filter, PTO oil filter, Brake fluid
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TRACTOR MODEL	7600/C (2WD)	7600A/CA (4WD)
Front axle	Telescopic	Center differential
Drive ratio	NA	1.804
Differential lock	NA	Mechanical, simultaneous with rear diff-lock
Tires (std.)	10.00 x 16	14.9 R 24 Radial
Tires (opt.)	11.00 x 16	16.9 R 24 Radial
Rim type	Reversible	Manual adjustable
Flange dimensions (in/mm)	69.8 / 1745	78.4 / 1960
Min. treadwidth (in/mm)	60.0 / 1500	64.0 / 1600
Max. treadwidth (in/mm)	80.0 / 2000	76.0 / 1900
Turn radius, no brakes (ft./mm)	12.1 / 3700	17.8 / 5425
Turn radius, w/brakes (ft./mm)	11.0 / 3350	11.0 / 3350
Min. ground clearance (in/mm)	17.6 / 440	18.4 / 460
Rear axle	Flange type	Flange type
Flange dimensions (in/mm)	70.8 / 1770	70.8 / 1770
Final drive	Inboard, planetary	Inboard, planetary
Differential lock	Mechanical, foot pedal actuated	Mechanical, foot pedal actuated
Tires (std.)	16.9 R 34 Radial	16.9 R 34 Radial
Tires (opt.)	18.4 R 34/(+18/4 R 38 Radial -2wd)	18.4 R 34/(+18/4 R 38 Radial -2wd)
Rim type	Manual adjustable	Manual adjustable
Min. treadwidth (in/mm)	61.0 / 1524	61.0 / 1524
Max. treadwidth (in/mm)	85.2 / 2130	85.2 / 2130

7630CA AWD

Engine Specifications

Model.....	1056-P
Type.....	6-cylinder, naturally aspirated 4-cycle, direct injection, air-cooled diesel
Bore (in./mm)	4.20/105
Stroke (in./mm)	4.80/120
Displacement (cu.in./ccm.).....	380.34/6235
Compression Ratio	17:1
Maximum output (hp/kw)	122.19/91.1 @2260 rpm
Torque Rise	11.7%
Official Test.....	No O.E.C.D. Test
Max. PTO power (hp/kw)	115.02/85.76 (est.)

Features

Air Cleaner	Dry paper element w/safety cartridge vertical intake, above-hood
Exhaust	Above-hood muffler & exhaust
Cylinders.....	In-line, separately removable, finned for cooling
Cylinder heads.....	Individual, cast iron, finned for cooling
Pistons.....	Aluminum alloy, 4 rings
Crankshaft.....	Forged
Main Bearings	Seven
Crankcase	Cast iron
Injection pump.....	Bosch PFR unit-modular, camshaft driven
Injectors.....	Bosch DLLA
Rated engine speed	2260 rpm
Governed speed range	650 to 2440
Governor ...	Mechanical variable speed
Cooling system	Direct air-oil cooling by 6-blade, axial cooling blower
Lubrication	Forced feed from gear pump
Oil filter	Full flow, spin-on

Fluid Capacities @

Filling

Fuel (U.S. gal/litre)	55.48/210
Eng. oil crankcase (qt./litre).....	17.12/16.2
Transmission (U.S. gal/litre	25.73/97.4
Hydraulics (U.S. gal/litre).....	Common w/transmission
Electrical (12-Volt)	
Alternator	65 Amp/Bosch or Marelli
Starter	3.5 kW/Bosch or Marelli
Battery.....	143 Ah/630 Amp quick discharge

Lighting

Front.....	headlights, parking & direction indicator lights
Rear	parking, direction, stop lights, & worklight
Hazard flashers & warning horn	

Clutch

Type	Hydrostatic self-adjusting Single plate, dry cerametallic lining
Main disc diameter (in./mm).....	14/350

Transmission

Type	Mechanical, synchromesh
Speeds Fwd./Rev.	24Fx12R
Gears.....	4 Fwd., Synchromesh
Ranges.....	3, plus reverser & mini-reduction
Opt. Transmission	None
Speed range (mph).....	Fwd. 0.75-17.83 Rev. 0.76-15.54
(18.4 R 38) (kmh)	Fwd. 1.21-28.7 Rev. 1.23-25

Power Take-Off

Type ..	Independent, hand lever control
Speeds.....	540/1000/Neutral (shiftable)
Clutch.....	Oil bath, hydraulic servo control

Clutch disc dia. (in./mm).....	5.6/140
	Multiplate wet clutch
Shaft configuration	1 $\frac{3}{8}$ " - replaceable shaft - 6/21 spline
Eng./PTO speed ratio	540 @2083 rpm/1000@2286 rpm

Steering/Brakes

Steering wheel.....	Tilting
Steering type.....	Hydrostatic
Hyd. oil supply	Rotary gear pump
Service brakes	
Rear.....	Inboard, wet disc, hyd. actuated
Service brakes	
Front (AWD).....	Hyd., wet disc, simultaneous w/rear
Parking brake.....	Independent, mechanical, oil bath, wet disc
Turning Radius.....	See Front Axle Spec's

Hydraulics

Type	open center, load sensing system
Flow (gpm/lm)	16.91/64
Pressure (psi/bar)	2610/180
Pump type	Rotary gear
Pump drive.....	From live transmission shaft
Steering pump.....	Tandem mounted rotary gear pump
Remote valves	Two
Type.....	Double acting
Remote couplers	ISO
Max. flow @ remotes (gpm/lm).....	16.91/64

Three-Point Hitch

Dimensions.....	Cat. II/III
Lift cylinders.....	one, internal
Lift capacity (lbs/kg).....	11905/5400 @lower link ends
Controls	Draft/Position/Float
Draft sensing	Lower link
Stabalizers	Telescopic
Drawbar	Swinging



Operator Area

ROPS Type	Isolation mounted 2 doors & roof hatch, tinted glass
Front windshield wiper & washer	
Seat.....	Sable, fabric covered, armrests & seatbelt
Ventilation.....	Filter & inlet grille @ front roofline 3-speed, dual cage fan, 4 adj. outlets
Recirculation control	
Heating	Electric, 2800 Watt, electronic control
Dedicated 65 amp alternator	
Air- Conditioning.....	4-coil condenser, Clarion F140 compressor
Trans. shift levers	Right side mounted

Instrumentation

Comb. Tachometer/Speedometer/ Hourmeter	
Fuel level gauge	
Warning lights for.....	Eng. oil pressure, Alternator, Fuel reserve, Direction indicator, Diff-lock engaged, AWD engaged, PTO engaged, Park Brake engaged, Eng. air filter, Hyd. oil filter, PTO oil filter, Brake fluid

TRACTOR MODEL	7630CA (AWD)
Front axle	Center differential 1.2725
Drive ratio	Mechanical, simultaneous with rear diff-lock
Differential lock	14.9 R 30 Radial 16.9 R 30 Radial
Tires (std.)	Manual adjustable
Tires (opt.)	78.4 / 1960
Rim type	64.0 / 1600 (14.9 R 30)
Flange dimensions (in./mm)	80.0 / 2000
Min. treadwidth (in./mm)	18.0 / 5500
Max. treadwidth (in./mm)	11.5 / 3520
Turn radius, no brakes (ft./mm)	21.6 / 540
Turn radius, w/brakes (ft./mm)	
Min. ground clearance (in./mm)	
Rear axle	Flange type 73.6 / 1840
Flange dimensions (in./mm)	Inboard, planetary
Final drive	Mechanical, foot pedal actuated
Differential lock	18.4 R 38 Radial 20.8 R 38 Radial
Tires (std.)	Manual adjustable
Tires (opt.)	63.8 / 1596 (18.4 R 38)
Rim type	88.4 / 2210
Min. treadwidth (in./mm)	
Max. treadwidth (in./mm)	

7650CA AWD

Engine Specifications

Model1056-PS
 Type6-cylinder, turbocharged
 4-cycle, direct injection,
 air-cooled diesel
 Bore (in./mm)4.20/105
 Stroke (in./mm)4.80/120
 Displacement
 (cu.in./ccm.)380.34/6235
 Compression Ratio16:1
 Maximum output
 (hp/kw)146.73/109.4 @2180 rpm
 Torque Rise10%
 Official TestO.E.C.D. #930
 Max. PTO power
 (hp/kw)128.40/95.73
 (est.)
 Fuel consumption
 (gph/lph)4.55/17.23 PTO test avg.

Features

Air CleanerDry paper element
 w/safety cartridge
 vertical intake, above-hood
 ExhaustAbove hood muffler
 & exhaust
 CylindersIn-line, separately
 removable, finned
 for cooling
 Cylinder headsIndividual, cast
 alum. alloy, finned for cooling
 PistonsAluminum alloy, 3 rings
 CrankshaftForged
 Main BearingsSeven
 CrankcaseCast iron
 Injection pumpBosch PFR
 unit-modular, camshaft driven
 InjectorsBosch DLLA
 Rated engine speed2180 rpm
 Governed speed range600 to 2354
 GovernorMechanical variable speed
 Cooling systemDirect air-oil
 cooling by 6-blade, axial
 cooling blower
 LubricationForced feed from
 gear pump
 Oil filterFull flow, spin-on
 Cold start aidThermostart

Fluid Capacities @

Filling
 Fuel (U.S. gal/litre)55.48/210
 Eng. oil crankcase
 (qt./litre)17.12/16.2
 Transmission
 (U.S. gal/litre)25.73/97.4
 Hydraulics (U.S.
 gal/litre)Common w/transmission

Electrical (12-Volt)

Alternator65 Amp/Bosch or Marelli
 Starter3.5 kW/Bosch or Marelli
 Battery176 Ah/770 Amp
 quick discharge

Lighting

Frontheadlights, parking &
 direction indicator lights
 Rearparking, direction,
 stop lights, & worklight
 Hazard flashers & warning horn

Clutch

Hydrostatic self-adjusting
 TypeSingle plate, dry
 cerametallic lining
 Main disc diameter
 (in./mm)14/350

Transmission

TypeMechanical, synchromesh
 Speeds Fwd./Rev.24Fx12R
 Gears4 Fwd., Synchromesh
 Ranges3, plus reverser
 & mini-reduction
 Opt. TransmissionNone
 Speed range
 (mph)Fwd. 0.78-18.56
 Rev. 0.80-16.17
 (20.8 R 38) (kmh)Fwd. 1.26-29.87
 Rev. 1.28-26.02

Power Take-Off

TypeIndependent, hand lever control
 Speeds540/1000/Neutral
 (shiftable)
 ClutchOil bath, hydraulic
 servo control

Clutch disc dia.
 (in./mm)5.6/140
 Multiplate wet clutch
 Shaft configuration1 3/8" -
 replaceable shaft - 6/21 spline
 Eng./PTO speed ratio540 @2083
 rpm/1000@2136 rpm

Steering/Brakes

Steering wheelTilting
 Steering typeHydrostatic
 Hyd. oil supplyRotary
 gear pump

Service brakes
 RearInboard, wet disc,
 hyd. actuated
 Service brakes
 Front (AWD)Hyd., wet disc,
 simultaneous w/rear
 Parking brakeIndependent,
 mechanical, oil bath,
 wet disc

Turning Radius...See Front Axle Spec's

Hydraulics

Typeopen center, load
 sensing system
 Flow (gpm/lm)16.91/64
 Pressure (psi/bar)2610/180
 Pump typeRotary gear
 Pump driveFrom live
 transmission shaft
 Steering pumpTandem mounted
 rotary gear pump
 Remote valvesThree
 TypeDouble acting
 Remote couplersISO
 Max. flow @ remotes
 (gpm/lm)16.91/64

Three-Point Hitch

DimensionsCat. II/III
 Lift cylindersone, internal
 Lift capacity (lbs/kg)11905/5400
 @lower link ends
 ControlsDraft/Position/Float
 Draft sensingLower link
 StabilizersTelescopic
 DrawbarSwinging



Operator Area

ROPS cabIsolation mounted
 2 doors & roof hatch,
 tinted glass
 Front windshield wiper & washer
 SeatSable, fabric covered,
 armrests & seatbelt
 VentilationFilter & inlet grille
 @ front roofline
 3-speed, dual cage fan,
 4 adj. outlets
 Recirculation control
 HeatingElectric, 2800 Watt,
 electronic control
 dedicated 65 Amp alternator
 Air- Conditioning4-coil condenser,
 Clarion F140 compressor
 Trans. shift leversRight side
 mounted

Instrumentation

Comb. Tachometer/Speedometer/
 Hourmeter
 Fuel level gauge
 Warning lights forEng. oil
 pressure,
 Alternator,
 Fuel reserve,
 Direction indicator,
 Diff-lock engaged,
 AWD engaged,
 PTO engaged,
 Park Brake engaged,
 Eng. air filter, Hyd. oil filter,
 PTO oil filter,
 Brake fluid

TRACTOR MODEL	7650CA (AWD)
Front axle	Center differential 1.2657
Drive ratio	Mechanical, simultaneous with rear diff-lock
Differential lock	16.9 R 30 Radial 14.9 R 30 Radial Manual adjustable
Tires (std.)	86.4 / 2160 (14.9 R 30)
Tires (opt.)	72.0 / 1800
Rim type	80.0 / 2000
Flange dimensions (in./mm)	17.2 / 5250
Min. treadwidth (in./mm)	15.9 / 4850
Max. treadwidth (in./mm)	20.4 / 510
Turn radius, no brakes (ft./mm)	
Turn radius, w/brakes (ft./mm)	
Min. ground clearance (in./mm)	
Rear axle	Flange type 74.0 / 1850
Final drive	Inboard, planetary
Differential lock	Mechanical, foot pedal actuated
Tires (std.)	20.8 R 38 Radial
Tires (opt.)	18.4 R 38 Radial
Rim type	Manual adjustable
Min. treadwidth (in./mm)	65.3 / 1632 (18.4 R 38)
Max. treadwidth (in./mm)	88.0 / 2200

7600

Forward speeds at 2180 engine rpm

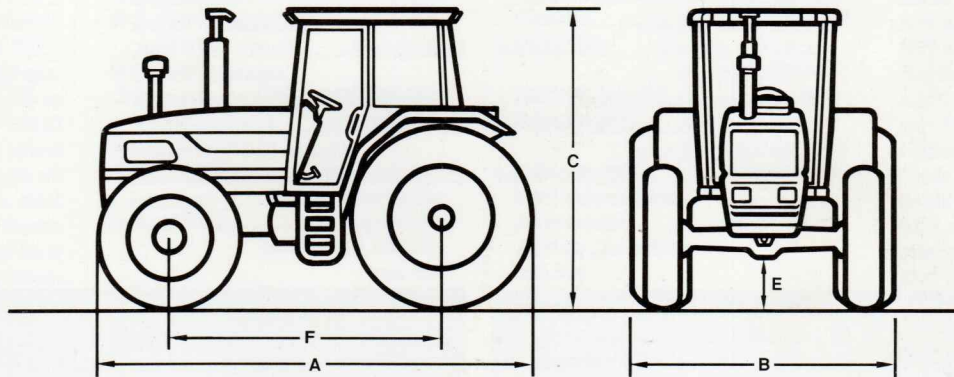
STANDARD TRANSMISSION 24F + 12R			
16.9 R 34		18.4 R 34	
MPH	KMH	MPH	KMH
FORWARD SPEEDS			
L1A	0.72	L1A	0.74
L1B	0.85	L1B	0.87
L2A	1.02	L2A	1.05
L2B	1.19	L2B	1.23
L3A	1.32	L3A	1.36
L3B	1.55	L3B	1.60
L4A	1.65	L4A	1.71
L4B	1.94	L4B	2.00
M1A	2.16	M1A	2.23
M1B	2.54	M1B	2.62
M2A	3.05	M2A	3.15
M2B	3.58	M2B	3.70
M3A	3.95	M3A	4.09
M3B	4.64	M3B	4.80
M4A	4.95	M4A	5.12
M4B	5.81	M4B	6.00
H1A	6.48	H1A	6.70
H1B	7.61	H1B	7.86
H2A	9.14	H2A	9.45
H2B	10.73	H2B	11.09
H3A	11.87	H3A	12.26
H3B	13.93	H3B	14.39
H4A	14.84	H4A	15.34
H4B	17.42	H4B	18.00
REVERSE SPEEDS			
L1	0.85	L1	0.87
L2	1.19	L2	1.23
L3	1.55	L3	1.60
L4	1.94	L4	2.00
M1	2.54	M1	2.62
M2	3.58	M2	3.70
M3	4.64	M3	4.74
M4	5.81	M4	6.00
H1	7.61	H1	7.87
H2	10.73	H2	11.09
H3	13.93	H3	14.40
H4	17.42	H4	18.00

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Forward speeds at 2260 engine rpm / Forward speeds at 2180 engine rpm

STANDARD TRANSMISSION 24F + 12R			
18.4 R 38		20.8 R 38	
MPH	KMH	MPH	KMH
FORWARD SPEEDS			
L1A	0.75	L1A	0.78
L1B	0.88	L1B	0.92
L2A	1.01	L2A	1.05
L2B	1.18	L2B	1.23
L3A	1.31	L3A	1.36
L3B	1.54	L3B	1.60
L4A	1.69	L4A	1.76
L4B	1.98	L4B	2.00
M1A	2.25	M1A	2.34
M1B	2.64	M1B	2.75
M2A	3.03	M2A	3.15
M2B	3.55	M2B	3.70
M3A	3.93	M3A	4.09
M3B	4.61	M3B	4.80
M4A	5.06	M4A	5.27
M4B	5.93	M4B	6.17
H1A	6.75	H1A	7.03
H1B	7.91	H1B	8.24
H2A	9.09	H2A	9.46
H2B	10.65	H2B	11.08
H3A	11.80	H3A	12.28
H3B	13.82	H3B	14.39
H4A	15.19	H4A	15.81
H4B	17.80	H4B	18.52
REVERSE SPEEDS			
L1	0.77	L1	0.80
L2	1.03	L2	1.07
L3	1.34	L3	1.39
L4	1.72	L4	1.79
M1	2.30	M1	2.39
M2	3.09	M2	3.22
M3	4.01	M3	4.18
M4	5.17	M4	5.38
H1	6.89	H1	7.17
H2	9.28	H2	9.66
H3	12.04	H3	12.53
H4	15.50	H4	16.13

TRACTOR DIMENSIONS CHART



CHASSIS DATA		7600/C (2WD)	7600A/CA (4WD)	7630CA (2WD)	7650CA (4WD)
(F) Wheelbase	(in/mm)	104.6/2615	104.0/2600	110.0/2750	114.2/2856
(A) Overall length	(in/mm)	168.2/4205	171.2/4280	176.8/4420	185.2/4630
(B) Min. overall width	(in/mm)	84.0/2100	84.0/2100	86.8/2170	86.0/2150
(C) Max. height	(in/mm)	110.0/2750	110.0/2750	118.4/2960	116.8/2920
(E) Ground clearance		17.6/440	18.4/460	21.6/540	20.4/510
Approx. ship wt. w/cab	(lbs/kg)	8598/3900	9788/4440	11398/5170	12566/5700
Approx. ship wt. w/ROPS	(lbs/kg)	8179/3710	9348/4240		
Max. perm. wt.	(lbs/kg)				
Front		3968/1800	7055/3200	7496/3400	8377/3800
Rear		8818/4000	9480/4300	11684/5300	13228/6000
Total		11464/5200	14991/6800	17857/8100	18739/8500

MODEL 7600 STANDARD EQUIPMENT

Engine

89.25 PTO/hp Model 7600
316.77 cu. in (5.2L) Model 1055-P
5-Cylinder, Naturally Aspirated
4-Cycle, Direct Injection, Air-cooled
Diesel Engine
Direct Air-oil cooling by 6-Blade,
Axial Cooling Blower
Above-hood Muffler & Exhaust
Above-hood Vertical Intake, Dry
Paper Element Air Cleaner with
Safety Cartridge
31.70 Gal. (120L) Fuel Tank

Power Train

Hydrostatic, Self-Adjusting Single
14" (350 mm) Dry Plate Clutch
with Organic Lining
Mechanical Syncromesh Transmission
24 Fwd./12 Rev. Speeds

Inboard Hyd. Actuated Wet Disc Brakes
Inboard, Planetary Final Drive
Mechanical, Foot Pedal Actuated
Differential-lock
Independent 540/1000 PTO (1%)

Hydraulics

16.91 gpm Open Center System
Two Double Acting Remote Valves
w/ISO Couplers

Hitch

Cat. II - Convertible to Cat. I
3-Point Hitch
Telescopic Stabilizers
Swinging Drawbar

Electrical System

120 Ah 12-Volt Battery w/500 Amp
Quick Discharge
55 Amp Alternator (ROPS)
65 Amp Alternator (Cab)

Lighting

Includes:
Front - Headlights, Parking and
Direction Indicator Lights
Rear - Parking, Direction, Stop
Lights and Worklight
Hazard Flashers and Warning Horn

Axles and Tires

Center Differential Front Axle with
14.9R24 Radial Tires (4WD)
Manual Adjustable Rims with
16.9R34 Radial Tires
Telescopic Front Axle with 10.00x16
Tires (2WD)

Operator Area

ROPS: Isolation mounted 4-Post ROPS
Vinyl covered Seat w/Armrests
& Seat Belt
Cab: Isolation Mounted ROPS Cab,

2 Doors & Roof Hatch, Tinted Glass,
Front Windshield Wiper & Washer,
Heating & Air Conditioning, Fabric
Covered Seat w/Armrests &
Seat Belt

Tilt Steering Wheel and
Hydrostatic Steering
Right Side Mounted Transmission
Shift Levers

Instrumentation

Combination Tachometer/
Speedometer/Hourmeter
Fuel Level Gauge
Warning Lights for Alternator,
Engine Oil Pressure, Engine Air
Filter, Hyd. Oil Filter, Fuel Reserve,
Direction Indicator, Diff-lock
Engaged, AWD Engaged, PTO
Engaged, Park Brake Engaged, PTO
Oil Filter and Brake Fluid Level

MODEL 7630 STANDARD EQUIPMENT

Engine

115.02 PTO/hp Model 7630
380.34 cu. in (6.2L) Model 1056-P
6-Cylinder, Naturally Aspirated
4-Cycle, Direct Injection, Air-cooled
Diesel Engine
Direct Air-oil cooling by 6-Blade,
Axial Cooling Blower
Above-hood Muffler & Exhaust
Above-hood Vertical Intake, Dry
Paper Element Air Cleaner with
Safety Cartridge
60.76 Gal. (230L) Fuel Tank

Power Train

Hydrostatic, Self-Adjusting Single
14" (350 mm) Dry Plate Clutch
with Cermetalic Lining
Mechanical Syncromesh Transmission
24 Fwd./12 Rev. Speeds

Inboard Hyd. Actuated Wet Disc Brakes
Inboard, Planetary Final Drive
Mechanical, Foot Pedal Actuated
Differential-lock
Independent 540/1000 PTO (1%)

Hydraulics

16.91 gpm Open Center System
Two Double Acting Remote Valves
w/ISO Couplers

Hitch

Cat. II/III 3-Point Hitch
Telescopic Stabilizers
Swinging Drawbar

Electrical System

143 Ah 12-Volt Battery w/630 Amp
Quick Discharge
65 Amp alternator

Lighting

Includes:
Front - Headlights, Parking and
Direction Indicator Lights
Rear - Parking, Direction, Stop
Lights and Worklight
Hazard Flashers and Warning Horn

Axles and Tires

Center Differential Front Axle with
14.9R30 Radial Tires
Manual Adjustable Rims with
18.4R38 Radial Tires

Operator Area

Isolation mounted ROPS Cab,
2 Doors & Roof Hatch, Tinted Glass,
Front Windshield Wiper & Washer,
Heating & Air Conditioning, Fabric

Covered Seat w/Armrests &
Seat Belt

Tilt Steering Wheel and
Hydrostatic Steering
Right Side Mounted Transmission
Shift Levers

Instrumentation

Combination Tachometer/
Speedometer/Hourmeter
Fuel Level Gauge
Warning Lights for Alternator,
Engine Oil Pressure, Engine Air
Filter, Hyd. Oil Filter, Fuel Reserve,
Direction Indicator, Diff-lock
Engaged, AWD Engaged, PTO
Engaged, Park Brake Engaged, PTO
Oil Filter and Brake Fluid Level

MODEL 7650 STANDARD EQUIPMENT

Engine

128.40 PTO/hp Model 7650
380.34 cu. in (6.2L) Model 1056-PS
6-Cylinder, Turbocharged
4-Cycle, Direct Injection, Air-cooled
Diesel Engine
Direct Air-oil cooling by 6-Blade,
Axial Cooling Blower
Above-hood Muffler & Exhaust
Above-hood Vertical Intake, Dry
Paper Element Air Cleaner with
Safety Cartridge
60.76 Gal. (230L) Fuel Tank

Power Train

Hydrostatic, Self-Adjusting Single
14" (350 mm) Dry Plate Clutch
with Cermetalic Lining
Mechanical Syncromesh Transmission
24 Fwd./12 Rev. Speeds

Inboard Hyd. Actuated Wet Disc Brakes
Inboard, Planetary Final Drive
Mechanical, Foot Pedal Actuated
Differential-lock
Independent 540/1000 PTO (1%)

Hydraulics

16.91 gpm Open Center System
Three Double Acting Remote Valves
w/ISO Couplers

Hitch

Cat. II/III 3-Point Hitch
Telescopic Stabilizers
Swinging Drawbar

Electrical System

176 Ah 12-Volt Battery w/770 Amp
Quick Discharge
65 Amp alternator

Lighting

Includes:
Front - Headlights, Parking and
Direction Indicator Lights
Rear - Parking, Direction, Stop
Lights and Worklight
Hazard Flashers And Warning Horn

Axles and Tires

Center Differential Front Axle with
16.9R30 Radial Tires
Manual Adjustable Rims with
20.8R38 Radial Tires

Operator Area

Isolation mounted ROPS Cab,
2 Doors & Roof Hatch, Tinted Glass,
Front Windshield Wiper & Washer,
Heating & Air Conditioning, Fabric

Covered Seat w/Armrests &
Seat Belt

Tilt Steering Wheel and
Hydrostatic Steering
Right Side Mounted Transmission
Shift Levers

Instrumentation

Combination Tachometer/
Speedometer/Hourmeter
Fuel Level Gauge
Warning Lights for Alternator,
Engine Oil Pressure, Engine Air
Filter, Hyd. Oil Filter, Fuel Reserve,
Direction Indicator, Diff-lock
Engaged, AWD Engaged, PTO
Engaged, Park Brake Engaged, PTO
Oil Filter and Brake Fluid Level

The information contained herein is general in nature and is not intended for specific application purposes. Deutz-Allis reserves the right to make changes in specifications shown herein or to add improvements at any time without notice or obligation.



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