

# TITAN 190

- AUTOMATIC POWER SHIFT
- SBA: Automatic engagement/disengagement of the 4 wheel-drive and differential locks
- Resonance engine with electronic management



**SAME. THE MOST PRIZED TRACTOR IN EUROPE.**



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# TITAN 190

TECHNICAL DATA	TITAN 190	
<b>ENGINE</b>		
SAME		1000.6 WTIR
Cylinders/Capacity	n°/Cu.In/cm³	6/366/6000
Type		Turbo Intercooler RES.
Max. P.T.O. Power	HP/kW	175/130.5
Cooling		liquid: oil spray
Immersed single cylinder injection pumps		●
Electronic regulator		●
Hood and side panels in zinc coated sheet steel		●
Fuel tank capacity	US galls	95
<b>TRANSMISSION</b>		
Clutch, oil cooled multiple wet disk. Electro-hydraulic actuation		●
N° of speed (25 mph)		27 F + 27 R
ELECTRONIC POWER SHIFT (9F+9R). Electro-hydraulic push button on Joystick		●
Forced lubrication with oil cooled		●
P.T.O. Clutch-oil cooled multiple wet disk. Electro-hydraulic actuation		●
Rear P.T.O.	rpm	540/1000
Front P.T.O. with electro-hydraulic control (opt)	rpm	1000
<b>BRAKES AND STEERING</b>		
4 Wheel oil-immersed disk brakes hydraulic actuation		●
Hydraulic trailer braking		●
Hydrostatic reactive steering. Column tilts and telescopes		●
Steering angle, 50°		●
<b>FRONT AXLE</b>		
Electro-hydraulic 4WD + differential lock engagement		●
SBA auto system, automatic engagement/disengagement of 4WD and differential locks		●
<b>HYDRAULIC SYSTEM</b>		
Electronic rear lift control with RADAR		●
Lift capacity with assister rams	lbs	18,960
Pump capacity	US galls/min	19.8
Auxiliary hydraulic remote valves	n°	4
Front linkage with ballast weight/max. lift capacity (opt.)	lbs	5,071
<b>CAB FITTINGS</b>		
Platform mounted on silent blocks		●
Check-Panel. Display with indications of consumption and power utilisation		●
Tiltable, sound insulation, heating and ventilation, air conditioning		●
Pneumatic suspension seat		●
6 work lights + rear screen wash wipe		●
PERFORMANCE MONITOR (computer) with RADAR		○
<b>TIRES</b>		
16.9 R 30 front	20.8 R 38 rear	○
480/70 R 30 front	580/70 R 38 rear	○
480/70 R 30 front	620/75 R 34 rear	○
540/65 R 30 front	650/65 R 38 rear	○

● = Standard ○ = Optional

TECHNICAL DATA	TITAN 190		
<b>DIMENSIONS AND WEIGHT</b> (with 20.8 R 38 rear tires)			
Length max.: without/with linkage	ins	177.56/187.01	
Width min./max.	ins	92.92/109.45	
Height over hood/cab	ins	75.59/114.17	
Ground clearance	ins	20.25	
Wheelbase	ins	112.20	
Track width-front min./max.	ins	74.81/98.43	
Track width-rear min./max.	ins	72.05/88.59	
Min. turning radius with/without brakes	ins	153.55/224.41	
Weight with cab	lbs	13227	
<b>SPEED RANGE</b> Speeds in mph at 2350 rpm with 20.8 R 38 rear tires			
<b>ELECTRONIC POWER SHIFT</b>		<b>FORWARD SPEED</b>	
		min.	max.
Creep range	mph	0.32	1.26
Slow range	mph	1.55	6.23
High range	mph	5.87	25.00
<b>SPEED RANGE</b> Speeds in mph at 2350 rpm with 20.8 R 38 rear tires			
<b>ELECTRONIC POWER SHIFT</b>		<b>SPEEDS</b>	
		FWD	REV
1 SR	mph	0.32	0.34
2 SR	mph	0.38	0.41
3 SR	mph	0.45	0.50
4 SR	mph	0.53	0.62
5 SR	mph	0.63	0.69
6 SR	mph	0.76	0.83
7 SR	mph	0.87	0.94
8 SR	mph	1.05	1.14
9 SR	mph	1.26	1.37
1 L	mph	1.55	1.69
2 L	mph	1.87	2.04
3 L	mph	2.25	2.45
4 L	mph	2.60	2.83
5 L	mph	3.13	3.42
6 L	mph	3.77	4.11
7 L	mph	4.29	4.68
8 L	mph	5.18	5.65
1 H	mph	5.87	6.40
9 L	mph	6.23	6.79
2 H	mph	7.08	7.72
3 H	mph	8.51	9.28
4 H	mph	9.81	10.70
5 H	mph	11.84	12.91
6 H	mph	14.24	15.53
7 H	mph	16.21	17.68
8 H	mph	19.56	21.34
9 H	mph	23.53	25.67
	mph	25.00*	

SR = Creep L = Slow H = High \* Maximum possible speed



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SAME DEUTZ-FAHR NORTH AMERICA INC.  
6911 BREEN STREET, BLDG. B  
HOUSTON, TX 77086  
PHONE: (281)448-3310 FAX: (281)448-7295



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