

1694



Specifications 1694 FWD

Engine			Dimensions and Weights with Std.-Tires			Optional Equipment		
		CASE Turbo	Height (with cab)	mm	2735	2 additional lift cylinders; remote control for automatic trailer coupling; remote control hydraulic; single suitcase weights 33 kg (up to 12 possible); additional control valves with floating position 2. or 3. pos. or with center lock, 2. or 3. position or with end lock, 2. or 3. position; mounting kit with set of tubes for 2. position; mounting kit for 3. position; air conditioning; door arrest; air brake.		
Flywheel net (DIN 70020)	kw (HP)	80 (108)	Length, width	mm	4395/2090			
Rated speed	1/min	2300	Wheel base	mm	2544			
No. of cylinders		6	Ground clearance	mm	440			
Displacement	cm ³	5400	Wheel tread, front, min/max.	mm	1520/1920			
Bore and stroke	mm	100/114.3	Wheel tread, rear, min/max.	mm	1520/2120			
Max. torque	Nm	396	Turning radius					
at speed	1/min	1600	with/ w/o steering brake	m	4.24/5.84			
Torque rise	%	19	Max. permissible weight	kg	7000			
Fuel consumption at max. performance	g/kWh	234	Net weight	kg	4740			
Fuel tank	l	136	Standard Equipment			Tires		
Oil change qty.	l	12.5	6-cyl. Diesel engine, direct injection and turbocharged, 80kW (108HP) DIN 70020 (Net) at 2300 1/min.; alternator 45A; semi automatic transmission Hydra-shift, four ranges, 12 gears forward and 4 reverse in 30 km/h version; differential lock, front p.t.o. 540 + 1000 1/min. (reversible); planetary steering drive axle with central drive, selflocking differential; selectamatic upper link sensing hydraulic lift unit, 3-point-linkage cat. II; lower link quick coupler; additional control valve, 1. pos. double acting, break-away couplings NW 10; 1 additional lift cylinders, super comfort cab with Iso-mount suspension; hydrostatic steering; front weight frame with clevis; rear trailer coupling; adjustable front and rear rims; battery 12V/125Ah.			Rear 18.4 R 38, 8 ply		
Oil change interval	h	100				Tires		
Transmission						Front 13.6 R 28, 8 ply		
Model		Hydra-Shift				Rear 16.9 R 38, 8 ply		
No. of gears		12 + 4						
Power take-off at engine speed	1/min	540 + 1000						
	1/min	2050						
Hydraulic System								
Type of controlling		Lower link sensing II						
Category		II						
Hydraulic-tandem pump								
Flow	1/min	39.5						
Working pressure	bar	175						
Lifting power	kN	45						
Aux. control valves	(opt.)	up to 3						
Max. oil absorption	l	23.9						
Front Hydraulic								
(H. Fischer)								
Lifting power	daN	1500 (1900)						
Front p.t.o.	1/min	1000						
Brakes								
Type, rear/front		Disc						
Operated		hydraulic						

Speeds with standard tires 13.6 R 28/16.9 R 38, km/h:

Low Range		Mid Range		High Range		Reverse	
1. Gear	2.5	1. Gear	5.4	1. Gear	11.3	1. Gear	5.8
2. Gear	3.4	2. Gear	7.4	2. Gear	15.5	2. Gear	7.9
3. Gear	4.5	3. Gear	9.7	3. Gear	20.2	3. Gear	10.3
4. Gear	6.1	4. Gear	13.2	4. Gear	30.0	4. Gear	14.1

The Company's policy is one of continuous improvement and development therefore specifications are subject to change without notice. Illustrations may include optional equipment and accessories and may not include all standard equipment.



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