

1494



Specifications 1494 FWD

Engine

		CASE Turbo
Rated power (DIN 70020)	kw (HP)	61 (83)
Rated speed	1/min	2220
No. of cylinders		4
Displacement	cm ³	3600
Bore and stroke	mm	100/114.3
Max. torque	Nm	296
at speed	1/min	1600
Torque rise	%	12
Fuel consumption at max. performance	g/kWh	230
Fuel tank	l	136
Oil change qty.	l	7.5
Oil change interval	h	100

Transmission

Model		Hydra-Shift
No. of gears		12 + 4
Power take-off at engine speed	1/min	540 + 1000
	1/min	2000

Hydraulic System

Type of controlling		Upper link sensing II
Category		II
Hydraulic-tandem pump		
Flow	1/min	30.5
Working pressure	bar	175
Lifting power	kN	34
Aux. control valves	(opt.)	up to 3
Max. oil absorption	l	23.9

Front Hydraulic

(H. Fischer)		
Lifting power	daN	1500
Front p.t.o.	1/min	1000

Brakes

Type, rear/front		Disc
Operated		hydraulic

Dimensions and Weights with Std.-Tires

Height (with cab)	mm	2640
Length, width	mm	4095/2090
Wheel base	mm	2248
Ground clearance	mm	400
Wheel tread, front, min/max.	mm	1420/1920
Wheel tread, rear, min/max.	mm	1520/2020
Turning radius with/ w/o steering brake	m	3.50/4.77
Max. permissible weight	kg	6000
Net weight	kg	3940

Standard Equipment

4-cyl. Diesel engine, direct injection and turbocharged, 61 kW (83 HP) DIN 70020 (Net) at 2220 1/min.; alternator 45 A; 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/min. (shiftable); planetary steering drive axle with central drive, selflocking differential; selectomatic upper link sensing hydraulic lift unit, 3-point-linkage cat. II; lower link with quick coupler; additional control valve, 1. pos. double acting, break-away couplings NW 10; 2 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/125 Ah.

Tires

Front	12.4 R 24, 6 ply
Rear	16.9 R 34, 6 ply

Optional Equipment

Adjustable drawbar with clevis, 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.

Tires

Front	13.6 R 24, 6 ply
Rear	13.6 R 38, 6 ply
	18.4 R 34, 8 ply

Speeds with standard tires 12.4 R 24/16.9 R 34 - km/h:

Low Range		Mid Range		High Range		Reverse	
1. Gear	1.9	1. Gear	5.0	1. Gear	11.8	1. Gear	5.2
2. Gear	2.6	2. Gear	6.8	2. Gear	16.1	2. Gear	7.1
3. Gear	3.3	3. Gear	8.9	3. Gear	21.0	3. Gear	9.2
4. Gear	4.5	4. Gear	12.2	4. Gear	30.0	4. Gear	12.6

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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