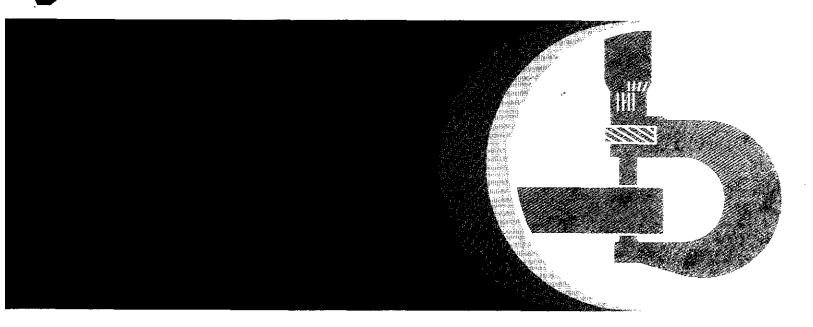
1166, 1169H, 1174, 1177, 1177 Hydro/4, 1188, 1188 Hydro/4 Combines





SUMMARY OF MOST IMPORTANT SPECIFICATIONS 1166, 1169H, 1174, 1177, 1177 HYDRO/4, 1188, 1188 HYDRO/4

SPECIFICATIONS

6466	Fna	ine
		1116

355 to 415 psi)

Max. difference in compression pressure

Opening pressure of a new injection nozzle 27900 kPa (279 bar; 4050 psi)

Minimum opening pressure of a used nozzle 26200 kPa (262 bar; 3800 psi)

Maximum difference in opening pressure 350 kPa (3.5 bar; 50 psi)

6359 Engine

Max. difference in compression pressure

Opening pressure of a new injection nozzle 25100 to 25800 kPa (251 to 258 bar;

3650 to 3750 psi)

Minimum opening pressure of a used nozzle 24100 kPa (241 bar; 3500 psi)

Maximum difference in opening pressure 700 kPa (7 bar; 100 psi)

Air Intake System

Air cleaner restriction indicator light will

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SUMMARY OF MOST IMPORTANT SPECIFICATIONS 1166, 1169H, 1174, 1177, 1177 HYDRO/4, 1188, 1188 HYDRO/4

SPECIFICATIONS (Continued)

Electrical System

Alternator output current (at 14 volts) 65 amps

Hydraulic System

Hydraulic pump delivery (except 1169H)

 - main circuit
 40 liters/min (10.5 gpm)

 - steering circuit
 12 liters/min (3.2 gpm)

Hydraulic pump delivery (1169H)

 - main circuit
 29 liters/min (7.6 gpm)

 - secondary circuit
 10.5 liters/min (2.8 gpm)

 - leveling system
 21 liters/min (5.5 gpm)

Pressure relief valve setting

- in mechanical control valve 13800 to 14500 kPa (138 to 145 bar;

2000 to 2100 psi)

2500 to 2610 psi)

2400 to 2520 psi)

Steering System

2610 to 2830 psi)

Clutch

Minimum thickness of clutch disk 7 mm (0.28 in.)

Wheels

Wheel bolt torques

 - Front wheels (except 1169H)
 420 Nm (304 ft-lb)

 - Front wheels (1169H)
 550 Nm (400 ft-lb)

 - Rear wheels
 180 Nm (130 ft-lb)

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SUMMARY OF MOST IMPORTANT SPECIFICATIONS 1166, 1169H, 1174, 1177, 1177 HYDRO/4, 1188, 1188 HYDRO/4

CAPACITIES

Engine lubrication system	
Engine lubrication system - 1177 Hydro/4, 1188, 1188 Hydro/4	20 liters (5.3 U.S.gal.) 17 liters (4.5 U.S.gal.) 13 liters (3.4 U.S.gal.)
1100, 117 1, 110011	, ,
Hydrostatic ground speed drive	24 liters (6.3 U.S.gal.)
Transmission with differential	6.6 liters (1.75 U.S.gal.)
Final drive (each)	2.2 liters (0.6 U.S.gal.)
Complete hydraulic system	25 liters (6.6 U.S.gal.)
Clutch and brake operating assembly	1.5 liters (0.4 U.S.gal.)
Chain transmission (cutting platform drive)	0.5 liters (0.13 U.S.gal.)
Hydrostatic reel drive	12 liters (3.17 U.S.gal.)
Cylinder drive reduction gear	1.9 liters (0.5 U.S.gal.)
Engine cooling system - 1177 Hydro/4, 1188, 1188 Hydro/4	34 liters (9.0 U.S.gal.) 30 liters (8.0 U.S.gal.)
Refrigerant capacity (air conditioning)	1950 g (68.8 oz.)
Compressor oil charge	320 cm³ (19.5 cu.in.)
Fuel tank capacity	300 liters (80 U.S.gal.)

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Combines 1166, 1169H, 1174, 1177, 1177 Hydro/4, 1188, 1188 Hydro/4 TECHNICAL MANUAL TM4452 (Apr-90)

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change (Sauer)

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pump (Eaton)

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