

844-S



Specifications 844-S/844-S FWD

Engine	
Make and Model	IH D-268
Rated power	
(DIN 70020) kw (HP)	59 (80)
Rated speed, 1/m	2300
No. of cylinders	4
Displacement, cm ³	4389
Bore and stroke, mm	100/139.7
Max. torque, Nm	296
at speed, 1/min	1300
Torque rise, %	21
Fuel tank, l	102
Oil change qty, l	12
Oil change interval, h	200

Transmission	
Model	IH Synchron
No. of gears	16 + 8
Super creep speed transm. (opt.)	16 + 8

Hydraulic System	
	Lower link sensing II
Category	
Hydraulic-tandem pump	
1st element (power lift), l/min	33
2nd element (steering) l/min	33
Working pressure, bar	175
Lifting power, kN	30.9
(with aux. cylinder) kN	39.3
Aux. control valves (opt. equipment)	up to 3
Max. oil absorption	
Over tap connection (optional equipment), l	5/20

	Dimensions and Weights with Standard Tires	
	844-S	844-S FWD
Height with safety frame, mm	2500	2500
Distance-centre rear wheel to top edge safety frame, mm	1761	1761
Length, m	3683	3935
Width over fenders edge, mm	2050	2050
Wheel base, mm	2390	2350
Ground clearance (front axle), mm	484	404
Wheel treads, front min., mm	1343	1604
max. mm	1856	1808
Wheel tread, rear min., mm	1473	1473
max. mm	1973	1973
min., mm		
with 13.6 R 38 tires	1478	1478
Turning radius		
with steering brake, m	3.80	4.72
w/o steering brake, m	4.30	5.10
Net weight, kg	3180	3500

Standard Equipment

IH-4-cylinder-4-stroke Diesel engine D-268 operating on direct injection principle 59kW (80HP) at 2300 1/min.; engine PTO 540 1/min. provided with safety shield; IH-synchron 16 + 8 transmission with double clutch, 30 km/h-version; hydraulic power lift; Exact-hydraulic draft and position control lower link sensing and 3-Pt. hitch, Cat. II; with quick couplers; short implement bar, telescopic side support, adjusting crank and arrest for lower link; additional control valve, double acting with four functions and two quick couplers; differential lock foot operated; electr. system 12 V, acc. to Road Lic. Regulations, battery 12 V/ 88 Ah, 33 A alternator; integrated IH-control center cab on ISO-mountings; high performance blower, heating and provision for installation of radio and CB-radio; 1 working light rear left; swing out, side and rear windows; roof hatch, lockable doors right and left; easily to clean inside padding; tractorometer; De-Luxe cluster instrument; front weight 180 kg with draw clevis; adjustable trailer hitch; De-Luxe seat, co-driver seat, left; adjustable rims, vertical muffler; anti-freeze, tool box, front wheel fenders, wedge; hydraulically actuated disc wet type; hydrostatic steering.

For 844 S FWD only: planetary steering drive axle with universal joints; four-wheel drive, shiftable on the go; disc wheels front, FWD axle with self locking differential Lok-o-Matic.

Tires:	844-S
Front	7.50-18 AS, 6 ply
Rear	16.9 R 34 AS, 6 ply

Tires:	844-S FWD
Front	12.4 R 24 AS, 6 ply
Rear	16.9 R 34 AS, 6 ply

Optional Equipment

IH-synchron 8 + 4 transmission, 30 km/h version; IH-synchron 16 + 8 transmission with super creep transmission, both with double clutch; PTO 540 + 1000 1/min; long implement bar, swinging drawbar with frame; drawbar clevis; draw clevis suitcase weight, 60 kg; single suitcase weights, 38 kg, (up to 8 can be mounted); retaining rod for suitcase weights; rear wheel weights 120 and 240 kg; additional working lights (3); single and double acting control valves; hydraulic quick couplers; pneumatic brake system; reversible PTO.

Only for 844-S
Front axle extension 18", extensible.

Only for 844-S FWD
Ground speed PTO 540 + 1000 1/min.

Tires:	844-S
Rear	13.6 R 38 AS, 6 ply
	13.6 R 38 AS, 8 ply
	16.9 R 34 AS, 8 ply

Tires:	844-S FWD
Front	11.2 R 24 AS, 6 ply
	12.4 R 24 AS, 6 ply
	13.6 R 38 AS, 6 ply
	16.9 R 34 AS, 8 ply
	13.6 R 38 AS, 8 ply
Rear	

Speeds (km/h) with Standard Rear Tires 16.9 R 34, 30 km/h-version

	Gear	Low Range	High Range	Reverse
IH-Synchron 16 + 8	1*	1.6	5.4	3.1
Standard transmission	1	1.9	6.6	3.8
	2*	2.7	9.4	5.4
	2	3.3	11.5	6.7
* Speed reducer engaged	3*	4.6	15.8	9.1
	3	5.6	19.3	11.2
	4*	7.0	24.4	14.1
	4	8.6	29.9	17.3
Super creep speed transm. engaged (opt. equipment)	1	0.60	2.07	1.20
	2	1.04	3.61	2.09
	3	1.74	6.06	3.50
	4	2.70	9.37	5.41

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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