



International

946 FWD

Enjoy the work-saving benefits, supreme comfort and allround versatility associated with the International 946 **four-wheel drive** tractor.

Reap satisfaction from the elegant styling, robust design and unmatched speed/power combination.

Cash-in on easy serviceability, low economy and total dependability. The new **four-wheel drive** 946 tractor incorporates all these bonus features plus the ability to work effectively in wet or slippery terrains, in loose or sandy soils or on steep sideslopes.

You'll discover too the outstanding advantages in forestry jobs. Wherever or whenever confronted with adverse conditions, you'll find the **four-wheel drive** a revelation.

Four-wheel drive gives you smooth full engine power on all four wheels for all time traction. A wide variety of optional tire combinations are available to suit your specific needs.

Two transmissions: the 12 + 5 (12 forward, 5 reverse speeds) and the optional 16 + 7 with speed creep attachment (16 forward, 7 reverse) provide you with a well-graduated range of speeds.

Front-wheel drive can be quickly disengaged on-the-go for light-draft work or conventional jobs by means of a conveniently located lever. With the **four-wheel drive** International 946 tractor you'll breeze through the toughest conditions with amazing ease. Action speaks louder than words!

Ask your IH dealer for a demonstration!

Specifications

Engine

Model	IH D-310 Diesel	
Max. output, HP	92	
Rated speed, r.p.m.	2100	
Max. torque, mkg (ft. lb.)	32.3	(234)
at speed, r.p.m.	1400	
No. of cylinders	6	
Bore, mm (in.)	98.4	(3.875)
Stroke, mm (in.)	111.1	(4.375)
Displacement, cm ³ (cu. in.)	5073	(310)

Electric System

Battery, dry precharged	12 V, 110 Ah	
A.C. generator	14 V, 28 A	
Starter, HP	4	

Capacities

Fuel tank, ltr. (gal.)	110	(29)
Cooling system, ltr. (gal.)	25	(6.6)
Crankcase, ltr. (gal.)	14	(3.7)
Transmission case	} ltr. (gal.)	42 (11.1)
Hydraulic system		
Front axle, ltr. (gal.):		
Differential	5.6	(1.5)
Planetary drive	0.45	(0.1)
Rear axle, ltr. (gal.)	7.7	(2)

Dimensions

Length, mm (in.)	4150	(163.4)
Width, mm (in.)	2083	(82)
Height, mm (in.)	1895	(74.6)
Wheelbase, mm (in.)	2590	(102)
Ground clearance, mm (in.)	380	(15)

Weight

w/std. equipment, kg (lbs.)	3805	(8390)
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Transmissions

- 12+5 synchronized transmission with 11 in. cerametallic dual clutch less creep speed;
- 16+7 synchronized transmission with 11 in. cerametallic dual clutch plus creep speed.

Regular Equipment

IH 6-cyl. Diesel engine; P.T.O., rear, 540 and 1000 r.p.m.; P.T.O. master shield; independent hand brake; foot and steer-

ing brake, hydraulically operated; foot operated differential lock; head lamps for R.H. traffic; combination de-luxe instrument panel with indicators for water temperature, generator, fuel, oil pressure, head lamps and directional signal lights; tractorometer; vertical exhaust pipe and muffler; dual fuel filter with water separator; dry type air cleaner; hydrostatic steering; foot step; de-luxe tractor seat; hydraulic system with draft and position control; lower link sensing; three-point hitch, cat. II; swinging drawbar with coupling yoke; semi-crown type rear fenders; front axle drive with differential; outer front weight, 180 kg; transmission version 30 km/h; front wheels with 10-24, 6 PR tires; non-adjustable rear wheels with 16.9/14-34, 6 PR tires.

Special Equipment

Directional signal lights with brake lights; head lamps for L.H. traffic; crown type rear fenders; super de-luxe tractor seat; tractorometer 25 km/h, 16 mph and 19 mph; adjustable rear wheels.

Add-on Attachments

Auxiliary single and double-acting control valves; single and double-acting breakaway couplings; short drawbar; long drawbar; vertical stop; height-adjustable trailer hitch; rear view mirror, R.H.; rear view mirror, L.H.; co-driver seat; spacer for dual rear wheels; front wheel splash shields; inner front weight, 130 kg; front plate weight, outside, 50 kg each, (up to 5 plates = 250 kg can be mounted); jerrycan type weights; rear wheel weights, two sets, 120 kg each.

Optional Tires

Front	11.2/10-28, 6 PR
	12.4/11-24, 6 PR
Rear	16.9/14-38, 8 PR
	18.4/15-34, 6 PR
	18.4/15-34, 8 PR
	23.1/18-30, 6 PR
	23.1/18-34, 6 PR

(special rear tire version for rice field application available)

Possible Tire Combinations

- 10-24 / 16.9/14-34;
- 11-24 / 18.4/15-34, 16.9/14-38, 23.1/18-30;
- 10-28 / 23.1/18-34.

Speeds with 14-30 tires

Gear	Range					
	30 km/h version				Reverse	
	Low		High		Reverse	
	km/h	mph	km/h	mph	km/h	mph
1.	2.69	1.67	3.44	2.14	3.61	2.24
2.	4.21	2.62	5.39	3.55	5.66	3.52
3.	6.53	4.06	8.36	5.19	8.78	5.46
4.	10.07	6.26	12.89	8.01	13.54	8.41
5.	16.06	9.98	20.56	12.77	21.59	13.41
6.	22.22	13.81	28.46	17.68		

(all gears are fully synchronized with the exception of 1st and 2nd gear)

	Range					
	Creep Speed				Reverse	
	Low		High		Reverse	
	km/h	mph	km/h	mph	km/h	mph
	0.99	0.61	1.27	0.79	1.33	0.83
	1.55	0.96	1.99	1.24	2.08	1.29

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.