

Specifications 733 and 733 FWD

(* applicable only to 733)
(** applicable only to 733 FWD)

Engine		Dimensions 733*		Dimensions 733 FWD**	
Make and model	International D-206	Length, mm (in)	3530 (141.5)	Length, mm (in)	3570 (140.6)
Type	4 cyl. direct start, direct injection diesel	Width, mm (in)	1640 (64.6)	Width, mm (in)	1640 (64.6)
Max. output, kW (hp)	44 (59)	Height, steering wheel, mm (in)	1524 (60)	Height, steering wheel, mm (in)	1772 (69.8)
Rated speed, 1/s (rev/min)	36.3 (2180)	Wheelbase, mm (in)	2190 (86.2)	Wheelbase, mm (in)	2150 (84.6)
Max. torque, Nm/kgm (ft. lbs)	209/21.3 (154)	Ground clearance, front axle, mm (in)	526 (20.9)	Ground clearance, front axle, mm (in)	345 (13.6)
at speed, 1/s (rev/min)	26.7 (1600)	Tread, front, mm (in)	1232-1770 (48.5-69.7)	Tread, front, mm (in)	1375-1623 (54.1-63.9)
Bore, mm (in)	98.4 (3.875)	rear, mm (in)	1428-1900 (56.2-74.8)	rear, mm (in)	1280-1900 (50.4-74.8)
Stroke, mm (in)	111.1 (4.375)				
Displacement, cm ³ (in ³)	3382 (206)				
Electrical System		Regular Equipment		Special Equipment	
Battery, dry precharged	12 V, 88 Ah	Accelerator - foot	Lights	Axle, Front and Steering*	adjustable, with hydrostatic steering; non-adjustable, with mechanical or hydrostatic steering.
Alternator	14 V, 33 A	Air Cleaner	2 head, directional signal lights with warning lights position and tail lights	Electrical Equipment	Cab
		dry type with safety element	Muffler	COMFORT safety cab	Cab heater, titlable rear window
		Brakes	vertical	Electrical Equipment	12 V, 110 Ah battery, dry precharged; directional signal lights with warning flasher system, position and tail light, brake lights
		foot: double disc dry type; dual pedal with safety latch, hydraulically actuated; hand, dependently operated band type	Power Take Off	Fenders, Rear Wheel	semi-crown
		Differential Lock	fully independent, 9 1/3 (540 rev/min)	Power Take Off, Rear	540 + 1000 rev/min
		foot operated	Seat	Seats	De-Luxe version; co-driver seat
		Drawbar	De-Luxe, height and length adjustable;	Auxiliary Valves	single and double acting; Break-away Couplings - for auxiliary valves
		short cat. 1 crossbar type	Steering	Drawbars	swinging drawbar
		Engine	mechanical*, hydrostatic**	Safety Frame	OECD-approved
		D-206 4 cyl. direct injection diesel (59 kW/44 max. engine hp)	Wheels	Splash Shields	front
		Electrical Equipment	front: 5.50 x 16 with 7.50 x 16 6-ply tires*; 9.00 x 20 with 10.5 x 20, 6-ply tires**;	Weights	Suitcase weight, single unit, 38 (84 lb); centre part of 3 suitcase weights with draw clevis;
		one 12 V, 88 Ah battery, dry precharged; 14 V, 33 A high-capacity cranking motor alternator	rear: W 11 x 36 with 13.6/12 x 36, 6-ply R 1 tires	Weights	rear wheel weights 120 kg (265 lb); rear wheel weights 240 kg (530 lb);
		Fenders	Weights	Miscellaneous	trailer hitch, height adjustable; rear view mirror R.H. + P.T.O. safety shield; rear working lights; drive shaft safety shield, rear.
		Speed	Front bolster weight 62 kg (136.8 lb)		
		Fuel Filter	Optional Tires		
		dual spin-on type with water separator	Front:		
		Front Axle	10.50 x 18, 6-ply**		
		straight, adjustable, 508 mm (20 in) clearance*	7.50 x 18, 6-ply**		
		Front Axle Drive	7.50 x 20, 6-ply**		
		with differential**	6.50 x 16, 6-ply*		
		Hydraulics	Rear:		
		fully live EXACT hydraulics; draft and position control; upper link sensing; cat. II three point linkage, outside telescopic side supports	14.9/13 x 28, 6-ply		
		Instruments	16.9/14 x 28, 6-ply		
		tractormeter incl. hourmeter, tachometer and indicating engine and p.t.o. revolutions;	9.9/ 9 x 36, 6-ply		
		combimeter incl. coolant thermometer, fuel gauge and warning lamps for alternator charging, oil pressure, headlamp beam and directional signal lights for tractor and two trailers	11.2/10 x 36, 6-ply		
			12.4/11 x 36, 6-ply		

Speeds with std rear tires 13.6-36, 25 km/h version

	Speed	Low	High	Reverse
8 + 4, km/h	1	1.8	5.8	2.5
	2	3.1	9.9	4.3
	3	4.7	15.2	6.5
	4	7.8	25.4	10.9
w/speed reducer engaged	1	1.5	4.9	2.1
	2	2.6	8.4	3.6
	3	4.0	13.0	5.6
	4	6.7	21.6	9.3
w/super creep speed engaged	1	0.41	1.33	0.57
	2	0.70	2.27	0.98
	3	1.08	3.50	1.50
	4	1.80	5.83	2.50

733



The International 733 has been designed to take into consideration the needs of the farmer buying a tractor in this horsepower class. He wants the power to use larger and wider seeding and cultivating implements. He wants higher speeds to do these jobs faster and efficiently.

He wants higher P.T.O. power but low relative tractor weight to avoid compaction of soil during these operations. He wants a span of wheel adjustments to meet his specific row-crop

requirements plus an ideal weight distribution for good balance, stability and traction. International engineers have incorporated all his demands in this sophisticated 733 tractor. In addition, a host of other benefits.

For example an all-seasons COMFORT safety cab and four wheel version for extra-tough jobs in the field and in forestry.

The 733 offers power and comfort unknown for a tractor of this size.

You owe it to yourself to field-test this model.

Three-point hitch cat. II. Exact hydraulic draft and control system is today's most accurate control system. Upper link sensing responds to load changes automatically. Once set by means of a simple one-lever control, you have precise depth regardless of soil conditions.

Cab and front splash shields are optional





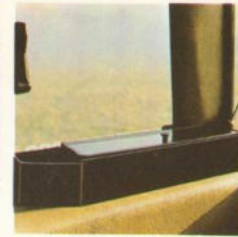
Four cylinder International D-206 diesel engine designed for unequalled economy and performance



All-seasons COMFORT-Cab



Ideal heating and ventilation system



Big, front-opening swing doors can be secured ajar to admit fresh air

The 733 is equipped with the proven direct-injection D-206, 4-cylinder diesel engine delivering 48,5 kW (66 hp) at 2180 rev/min. Tested under the severest climatic conditions and proven a thousandfold in other International machines. The governed engine ensures long life, high torque, and abundant power reserve for heavy schedules. To suit your specific need three choices of transmissions are available: 8+4, eight forward, four reverse speeds; 16+8 with speed reducer; 16+8 with super creep speed. All transmissions are fitted with a double clutch which enables you to engage or disengage the P.T.O. on-the-go, and under load.

Exceptional long wheelbase results in increased stability, ideal weight distribution and ensures good drawbar performance.

Double-disc, dry type foot brakes give safe, positive braking and can be latched together for road and hauling work or used independently during field operations.

The 733 all-new COMFORT safety cab gives you all-year round comfort.

Two big swing doors let you enter or depart from either side for optimum convenience and safety. The COMFORT cab is fully insulated for super-quiet-operation. All windows are adjustable to admit fresh breezes.

Needless to say, the cab is installed with an adequate ventilation and heating system.

An excellent visibility is afforded in each direction. Controls are well positioned for easy reach while glance-quick instrumentation helps you to „keep an eye“ on vital functions.

You'll enjoy the super comfort seat . . . you can raise, lower, move forward or back for maximum comfort.

