

Specifications 533/533 FWD

Engine	
Make and Model	IH D-155
Rated power (DIN 70020) kw (HP)	33 (45)
Rated speed, 1/min	2200
Max. torque, Nm at speed 1/min	160 1600
No. of cylinders	3
Bore and stroke, mm	98.4/111.1
Displacement, cm ³	2536

Transmission	
Model	IH Synchron
No. of gears	8 + 4/16 + 8

Hydraulic	
Max. lifting power lower link, daN	2060
Working pressure, bar	165
Hydraulic pump flow, l/min	32

Capacities	533	533 FWD
Fuel tank, l	60	60
Engine oil, l	6.5	6.5
Transmission case, l	36	37.5
Hydraulic, l	12	12

Dimensions and Weights with Standard Tires

Length, m	3.40	3.42
Width, m	1.64	1.64
Height (with cab)		
Silent 85	2.39	2.39
Combi-Cab	2.32	2.32
Height (with safety frame), m	2.31	2.31
Distance - centre rear tire, to top edge saf. frame, m	1.58	1.58
to top edge, Combi-Cab, m	1.59	1.59
Wheel base, m	2.07	2.03
Ground clearance, mm	526	320
Wheel treads, front		
min. mm	1227	1375
max. mm	1765	1623
Wheel treads, rear		
min. mm	1427	1427
max. mm	1927	1927
with tires 9.5-36	1280	1280
Turning radius		
with steering brake, m	3.40	3.80
w/o steering brake, m	3.85	4.20
Net weight		
with Silent 85-Cab kg	2480	2770
w/o cab, kg	2240	2530

Standard Equipment

IH-3-cylinder-4-stroke Diesel engine D-155 operating on direct injection principle, 33kW (45HP) DIN 70020 (Net) at 2200 1/min.; engine power take off 540 1/min. provided with safety shield; two stage dry air cleaner with safety element and service indicator; IH-synchron transmission 8 gear forward and 4 reverse; double clutch, 25 km/h-version; hydraulic power lift; Exact-hydraulic, draft and position control with three point witch, upper link sensing Cat. II, short implement bar Cat. II, telescopic side supports, adjusting crank and arrest for lower link; differential lock foot operated; electr. system 12V, acc. to Road Lic. Regulations, battery 88 Ah, alternator 33 A, tractor meter and cluster instrument; adjustable trailer hitch; De-Luxe seat, adjustable; roll over protection vertical muffler; anti-freeze; footstep; tool box; front and rear wheel fenders.

For 533 FWD only: planetary steering drive axle with universal joints; drive shaft protection; four-wheel drive shiftable on the go; hydrostatic steering (standard for Silent 85 cab); Front weight with draw clevis 62 kg.

Tires:	533
Front	6.50-16 AS, 6 ply
Rear	14.9 R 28 AS, 6 ply

Tires:	533 FWD
Front	10.5-18 AS, 6 ply
Rear	14.9 R 28 AS, 6 ply

Speeds (km/h) with Standard Rear Tires 14.9 R 28, 25 km/h (30 km/h)-version

	Gear	Low Range	High Range	Reverse
IH-Synchron 8 + 4, km/h (standard)	1*	1.4 (1.5)	4.7 (5.5)	1.9 (1.9)
	1*	1.6 (1.8)	5.5 (6.5)	2.2 (2.2)
	2*	2.3 (2.5)	8.0 (9.5)	3.2 (3.2)
	2	2.7 (3.0)	9.4 (11.1)	3.8 (3.8)
Speed reducer engaged (opt. equipment)	3	3.6 (3.9)	12.3 (14.6)	5.0 (5.0)
	3	4.2 (4.6)	14.5 (17.1)	5.9 (5.9)
	4*	6.0 (6.5)	20.5 (25.0)	8.3 (8.3)
	4	7.0 (7.7)	25.0 (30.0)	9.8 (9.8)
or with Super creep speed transm. (opt.) km/h	1	0.37	1.26	0.51
	2	0.63	2.16	0.88
	3	0.97	3.32	1.35
	4	1.61	5.54	2.25

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.

Optional Equipment

IH-synchron 8 + 4 transmission, 30 km/h version; IH-synchron 16 + 8 transmission with synchr. reducer speed transmission or with super creep speed transmission, 25 or 30 km/h version; front weight with draw clevis 62 kg (533); draw clevis weight, 60 kg; single suitcase weights 34 kg, rear wheel weights 120 and 240 kg; long implement bar; swinging draw bar adjustable; working lights; single and double acting control valves and hydraulic quick couplers; Silent 85 safety cab, combi-low cab; mechan. driven side mounted mover, (not with FWD and Silent 85 cab); p.t.o. reversible.

For 533 only: hydrostatic steering, (standard for Silent 85 cab); front axle extension for extensible V-axes; side mounted mover with 5' or 5 1/2' cutter bar, IH-quick cut 4000.

Tires:	533
Front	7.50-16 AS, 6 ply
Rear	12.4 R 32 AS, 6 ply 9.5 R 36 AS, 6 ply

Tires:	533 FWD
Front	7.50-18 AS, 6 ply 12.4 R 32 AS, 6 ply 9.5 R 36 AS, 6 ply



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