

633

Specifications 633/633 FWD

Engine

Make and Model	IH D-179
Rated power (DIN 70020) kw (HP)	38 (52)
Rated speed, 1/min	2180
Max. torque, Nm at speed 1/min	186
No. of cylinders	1350
Bore and stroke, mm	3
Displacement, cm ³	98.4/128.5
	2934

Transmission

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

Hydraulic

Max. lifting power lower link, daN	2160
Working pressure, bar	165
Hydraulic pump flow, l/min	32

Capacities

	633	633 FWD
Fuel tank, l	60	60
cooling water, l	14.1	14.1
Engine oil, l	6.5	6.5
Transmission case, l	36	36
Hydraulic, l	12	12

Dimensions and Weights with Standard Tires

Length, m	3.41	3.45
Width, m	1.64	1.64
Height (with cab)		
Silent 85	2.45	2.45
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	1.61	1.61
to top edge, Combi-Cab, m	1.62	1.62
Wheel base, m	2.07	2.03
Ground clearance, mm	526	378
Wheel treads, front		
min. mm	1261	1448
max. mm	1735	1550
Wheel tread, rear		
min. mm	1427	1427
max. mm	1924	1924
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	2490	2780
w/o cab, kg	2250	2540

Standard Equipment

IH-3-cylinder-4-stroke Diesel engine D-179 operating on direct injection principle 38kW (52HP) DIN 70020 (Net) at 2180 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 gears forward and 4 reverse; double clutch, 25 km/h-version; hydraulic power lift; Exact-hydraulic, draft and position control with 3-Pt. hitch, upper link sensing, Cat. II. short implement drawbar Cat. II, telescopic side supports, adjusting crank and arrest for lower link; differential lock foot operating; electr. system 12 V, acc. to Road Lic. Regulations, battery 88 Ah, alternator 33 A, tractorometer and cluster instrument; front weight w/ draw clevis, 62 kg; adjustable trailer hitch; De-Luxe seat, adjustable; roll-over protection vertical muffler; anti-freeze; footstep; tool box; front- and rear wheel fenders.

For 633 FWD only: planetary steering drive axle with universal joints; four-wheel drive shiftable on the go; hydrostatic steering (standard for Silent 85 cab).

Tires:	633
Front	7.50-16 AS, 6 ply
Rear	12.4 R 36 AS, 6 ply

Tires:	633 FWD
Front	8.3-24 AS, 6 ply
Rear	12.4 R 36 AS, 6 ply

Speeds (km/h) with Standard Rear Tires 12.4/11 R 36, 25 km/h (30 km/h)-version

IH-Synchron 8 + 4, km/h (standard)	Gear	Speeds (km/h)		
		Low Range	High Range	Reverse
	1*	1.5 (1.5)	4.8 (5.5)	2.1 (2.1)
	1	1.7 (1.7)	5.6 (6.5)	2.4 (2.5)
	2*	2.5 (2.5)	8.2 (9.4)	3.5 (3.6)
	2	3.0 (3.0)	9.6 (11.1)	4.1 (4.3)
* Synchron				
Speed reducer engaged (opt. equipment)	3*	3.9 (3.9)	12.6 (14.5)	5.4 (5.6)
	3	4.6 (4.6)	14.8 (17.1)	6.4 (6.5)
	4*	6.5 (6.5)	21.0 (25.0)	9.0 (9.3)
	4	7.6 (7.6)	25.0 (30.0)	10.6 (10.9)
Super creep speed transm. (opt.) km/h	1	0.40	1.29	0.55
	2	0.68	2.21	0.95
	3	1.05	3.40	1.46
	4	1.75	5.67	2.43

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 synchronized reducer speed transmission or with super creep speed transmission, 25 or 30 km/h version; double clutch; draw clevis suitcase weight, 60 kg; single suitcase weight 34 kg, rear wheel weights 120 and 240 kg; long implement bar; swinging drawbar adjustable; working lights; single and double acting control valves and hydraulic quick couplers; Silent 85 safety cab, combi low cab; mechanically driven side mounted mover, (not with FWD and Silent 85 cab); PTO reversible 540 + 1000 1/min.

For 633 only: hydrostatic steering, (standard for Silent 85 cab); front axle extension for extensible V-axles; side mounted mover with 5' or 5 1/2' cutter bar IH-quick cut 4000.

Tires:	633
Front	6.50-16 AS, 6 ply
Rear	14.9 R 30 AS, 6 ply
	13.6 R 36 AS, 6 ply

Tires:	633 FWD
Front	9.5-24 AS, 6 ply
	10.5-18 AS, 6 ply
	10.5-20 AS, 6 ply
Rear	14.9 R 30 AS, 6 ply
	13.6 R 36 AS, 6 ply



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