



DEUTZ FORMULA DX DEUTZ DX 160



Optional DX 160/A Accessories: Front ballast · Rear wheel ballast · Trailer beam · Pendulum-type trailer link · Auxiliary valves · Additional oil reservoir (hydraulic) ·

Compressed air supply system · Ploughing lamps · Heater booster system · Fast gear · Front loader · Radio

DX 160 Specification

Weights and Dimensions

Rear-Wheel Drive

Based on tyre size	a	11.00-16; 20.8-38
Wheelbase	a	2830 mm (111.5 in.)
Length	b	4720 mm (186 in.)
Width	c	2270 mm (89.5 in.)
Height above exhaust*	d	2840 mm (112 in.)
Ground clearance below front axle	e	580 mm (23 in.)
Track width – telescopic front axle	f	1600 ... 2200 mm (63 ... 87 in.)
Track width – adjustable rear wheel	g	1700 ... 2200 mm (67 ... 87 in.)
Turning radius without steering brake		4940 mm (195 in.)
Bare operating weight		5400 kg (11 900 lbs.)
Permissible maximum weight		8500 kg (18 750 lbs.)

Four-Wheel Drive

Based on front/rear tyre size		16.9-28/20.8-38
Wheelbase	a	2826 mm (111 in.)
Length	b	4720 mm (186 in.)
Width	c	2400 mm (94.5 in.)
Height above exhaust*	d	2940 mm (116 in.)
Ground clearance below front axle	e	500 mm (20 in.)
Track width – front	f	1900 (1800/2000) mm (75) (71/79 in.)
rear	g	1700 ... 2000 mm (67 ... 79 in.)
Turning circle radius without steering brake		6340 mm (250 in.)
Bare operating weight		5850 kg (12 900 lbs.)
Permissible maximum weight		8500 kg (18 750 lbs.)

Chassis, Brakes, Steering System

Tyres – front wheel	16.9-26; 16.9-28
rear wheel	20.8-38
Main brakes (pedal operated)	hydraulically operated wet-type block disc brake
Parking brake	independent
Steering system	hydrostatic

Engine

DEUTZ four-stroke diesel	BF6L 913
Number of cylinders	6
Rated speed	2200/min
Cooling system	air-cooling
Fuel injection system	direct injection
Bore/stroke	102/125 mm (4/4.9 in.)
Capacity	6125 cm ³ (374 in. ³)
Torque rise	15%
Specific fuel consumption at max. torque	216 g/kWh (160 g/DIN HPH) (0.47 lbs. 0.35 lbs.)
Fuel tank capacity	200 litres (52.8 U.S. gall.)

Transmission

Type	TW 1200
Number of forward/reverse gears	12/4
DEUTZ POWERMATIC optional	24/8
DEUTZ POWERMATIC and creep gears	36/12
Gear shifting facilities	synchronesh on all basic gears, reverse and intermediate range

*Height above exhaust pipe cap + 100 mm (4 in.)

Speeds at tyres 20.8-38

25 km/h version (* = mile/h)

Group	L			Z			S			R		
	K	Lo	Hi	K	Lo	Hi	K	Lo	Hi	K	Lo	Hi
1.	0.31	2.10	2.60	0.51	3.40	4.30	1.10	7.50	9.40	0.53	3.50	4.40
*	0.19	1.30	1.61	0.32	2.11	2.67	0.68	4.66	5.84	0.33	2.17	2.73
2.	0.43	2.90	3.60	0.72	4.80	6.00	1.60	10.50	13.20	0.74	5.00	6.30
*	0.26	1.80	2.24	0.45	2.98	3.73	0.99	6.52	8.20	0.46	3.11	3.91
3.	0.59	4.00	5.00	0.99	6.60	8.30	2.20	14.50	18.20	1.02	6.90	8.70
*	0.37	2.48	3.10	0.61	4.10	5.16	1.37	9.01	11.31	0.63	4.29	5.40
4.	0.83	5.60	7.00	1.37	9.20	11.60	3.00	20.00	25.00	1.43	9.60	12.10
*	0.51	3.47	4.34	0.85	5.72	7.21	1.86	2.43	15.53	0.89	5.96	7.52

30 km/h version (* = mile/h)

1.	0.36	2.40	3.10	0.60	4.00	5.10	1.30	8.80	11.10	0.62	4.20	5.30
*	0.22	1.49	1.93	0.37	2.48	3.17	0.81	5.47	6.90	0.38	2.61	3.29
2.	0.51	3.40	4.30	0.84	5.70	7.10	1.80	12.40	15.60	0.88	5.90	7.40
*	0.32	2.11	2.67	0.52	3.54	4.41	1.12	7.70	9.69	0.55	3.67	4.59
3.	0.70	4.70	5.90	1.16	7.80	9.80	2.50	17.10	21.40	1.21	8.10	10.20
*	0.43	2.92	3.67	0.72	4.84	6.09	1.55	10.62	13.30	0.75	5.03	6.34
4.	0.97	6.50	8.20	1.62	10.90	13.70	3.50	24.00	30.00	1.68	11.30	14.20
*	0.60	4.04	5.09	1.01	6.77	8.51	2.17	14.92	18.64	1.04	7.02	8.82

P.T.O. Shaft

independent P.T.O. shaft engine

Speed

1000 RPM corresponding to

Differential lock

1920 engine RPM

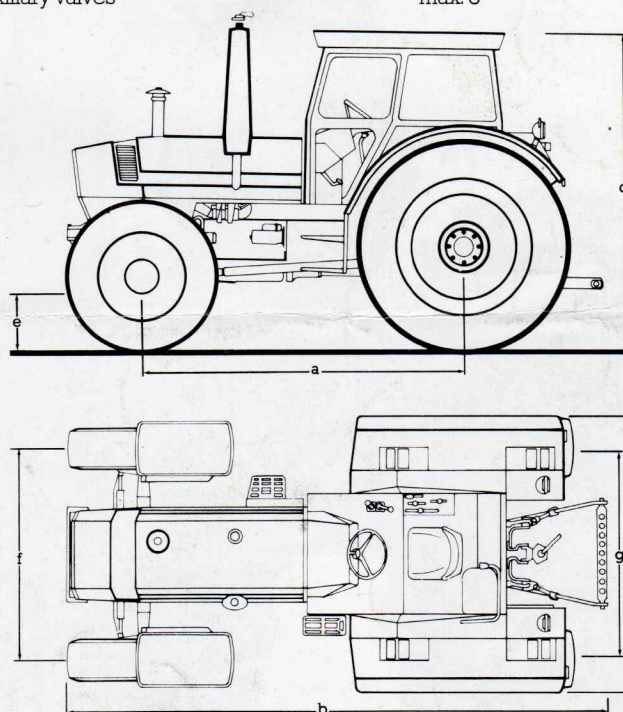
pressurised-oil-controlled

Comfort Features

Driver's cab noise-insulated, optimal job design, luxurious standard fittings. DEUTZ cabs: Junior Cab 85 dB(A) and MasterCab 83 dB(A).

Hydraulic Operating System

Power lifting unit	DEUTZ TRANSFERMATIC SYSTEM K 55.2 with two external rams
Pump drive	directly transmission-driven
Delivery capacity	58.5 litres/min (15.5 U.S. gall./min)
Working pressure	175 bar
Three-point linkage	Cat. II (Cat. III optional)
Lifting capacity, max.	63800 N (6500 kp) (14 300 lbs.)
Auxiliary valves	max. 3



Illustrations, weights, dimensions and specifications subject to modification without prior notice. To obtain detailed equipment information in your country, please contact your DEUTZ-FAHR Dealer.