



# DEUTZ FORMULA DX

# DEUTZ DX 90



Waitaki Tractors  
& Machinery Ltd.

10 Eden St., Oamaru.  
P.O. Box 258. Phone 37-355.



**Optional DX 90/A Accessories:** Front ballast · Rear wheel ballast · Drawbar · Swinging drawbar · Auxiliary valves · Supplementary oil tank (hydraulic system) · Compressed air supply system · Ploughing lamps ·

Heater booster system · Creep gears · Fast gear · Portal drive axle DX 90 A · OPTITRAC automatic differential lock · Automatic trailer hitch · MasterCab

## DX 90 Specification

### Weights and Dimensions

#### Rear-wheel Drive

Based on tyre size

Wheelbase

Length

Width

Height above exhaust\*

Ground clearance below front axle

Track width - telescopic front axle

Track width - adjustable rear wheel

Turning radius without steering brake

Bare operating weight

Permissible maximum weight

#### Four-wheel Drive

Based on front/rear wheel tyre size

Wheelbase

Length

Width

Height above exhaust\*

Ground clearance below front axle

Track width - front

Track width - rear

Turning radius without steering brake

Bare operating weight

Permissible maximum weight

### Chassis, Brakes, Steering System

Tyre size - front wheel

- rear wheel

Four-wheel drive tyres - front

- rear

Main brakes (pedal operated)

Parking brake

Steering system

### Engine

DEUTZ four-stroke diesel

Number of cylinders

Rated speed

Cooling system

Fuel injection system

Bore/stroke

Cubic capacity

Torque rise

Specific fuel consumption at max. torque

Fuel tank capacity

### Transmission

Type

Number of gears, forward/reverse

Creep gears optional

Gear shifting facilities (optional)

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

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.

A Product of the **KHD** Group

Speeds in km/h (mile/h) at tyre size 16.9-38

Group	K	L	Z	S	R
1.	0.40(0.25)	2.1(1.3)	4.3(2.7)	9.1( 5.6)	5.3( 3.3)
2.	0.61(0.38)	3.3(2.0)	6.6(4.1)	13.9( 8.6)	8.1( 5.0)
3.	0.75(0.47)	4.0(2.5)	8.1(5.0)	17.0(10.6)	10.0( 6.2)
4.	1.08(0.67)	5.8(3.6)	11.8(7.3)	25.0(15.5)	14.4( 9.0)
5. <sup>1</sup>	1.34(0.83)	7.1(4.4)	14.4(9.0)	30.0(18.0)	17.7(11.0)

<sup>1</sup>) not applicable to 25 kph versions (15.5 mile/h)

P.T.O. shafts

independent P.T.O. shafts off engine

Speeds 540 RPM/1000 RPM engine speed = 2070 RPM

### Comfort

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

### Hydraulic System

Power lift unit

DEUTZ TRANSFERMATIC SYSTEM K 552 with external ram (2 ext rams opt)

driven directly by the engine

39.6 litres/min (10.5 U.S. gall.) (55.7 litres/min [14.7 U.S. gall.] optional)

175 bar

Cat II

37300 N (3800 kp/8400 lbs.)

51000 N (5200 kp/11450 lbs.)

3 max.

Pump drive

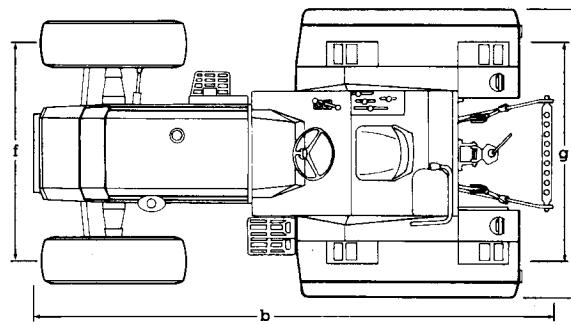
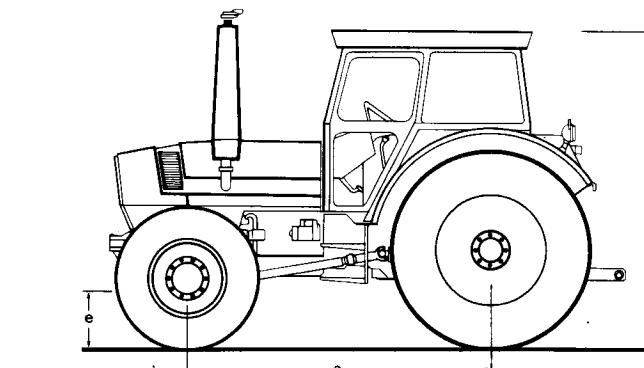
Delivery

Working pressure

Three-point linkage

Lifting capacity, max. with 2 ext rams, max.

Number of auxiliary valves



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