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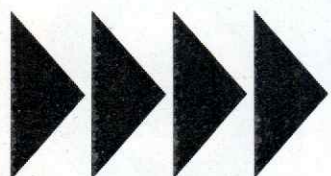


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choice now!



45 DTC and 45 DTC-SD



Motor Holdings



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Universal 45 DTC and 45 DTC-SD

Main features

D — 115.008 engine

4 stroke Diesel, direct injection, 3 cylinders, water cooled, 33.8 kW (46 HP) DIN at 2600 rpm. Bore: 95 mm. Stroke: 110 mm. Capacity: 2340 cu.cm³. Max. engine torque: 140 Nm (14.3 mkg) at 1200 rpm. Compression ratio 17:1. Forced feed and splash lubrication. Air cleaner with cyclonic pre-cleaner. Distributor-type injection pump. DPA 3233330 type CAV licence.

Transmission

Clutch, dual-type, dry 11" plates (for gearbox and power take-off).

Gearbox, constant mesh, 4 ranges of speeds and auxiliary transmission (8 gears).

Optional, gearbox provided with additional auxiliary transmission (12 gears).

Travel Speeds, in km/h, at engine rated speed and 13.6 — 28" tires:

Shuttle Drive	Standard	Km/h
8 gears(forward & reverse)	12 gears	
—	1*	0.74
—	11*	1.11
—	111*	1.63
—	IV*	2.11
1	V	2.28
2	VI	3.44
3	VII	5.04
4	VIII	6.51
5	IX	8.23
6	X	12.39
7	XI	18.14
8	XII	23.44
	Reverse	
	I*	1.06
	II	3.28
	III	11.83

* Speeds obtained by additional auxiliary transmission (option). 3rd, 4th, 7th and 8th gears, respectively III, IV, VII, VIII, XI and XII are synchronised.

Differential lock, pedal-actuated and automatic return to "off" position.

Steering

Hydrastatic

Brakes

Service brake, dry band brakes, operated by independent, interlocking pedals.

Parking brake, locks and acts upon the service brakes by handlever or as an option, **independent parking brake**, locks the main shaft.

Wheels and axles

Front axle: centre drive-type, with planetary reduction hubs, cardan shaft, differential and ball and socket joints.

Front wheels: 7.50/5.50 F — 20"

Rear wheels: 14.9/13-28"

Minimum turning radius: 3760 mm

Electric equipment

For starting, lighting and signalling. Voltage 12 V. 2.94 kW (4 HP) starter. 500 W alternator. 153 Ah battery.

Lighting: 2 front headlights.

1 rear floodlight with switch.

Signalling: front flashing and position lights, rear flashing, position, stop and number plate lights for tractor and trailer.

Instrument panel with 8 readings. Warning lights for: battery charge, oil pressure, tractor and trailer flasher operation, full beam operation, engine speed and operation hours, water thermometer and fuel level gauge.

Accessories: starting aid, horn, trailer plug socket with 7 connections, service plug socket.

Power take-off

Independent, 540 rpm at 2160 engine rpm or 650 rpm at engine rated speed.

Synchronous, 4.03 rev. per metre of forward travel.

Hydraulic system

Hydraulic Automatic draft and position control unit, monobloc-type.

Hydraulic pump, gear-type, output 10 l/min at 1000 rpm.

Auxiliary control valve for external single- or double-acting rams.

Three point linkage

1st and 2nd category with adjustable R.H. lifting rod. Max. lifting capacity: 11,770 N (1200 kp).

Seat, adjustable according to driver's weight and size.

Fuel tank: 54 litres

Toolbox: complete

Optional equipment

Belt pulley, dia 250 mm, width 150 mm, 1352 rpm at engine rated speed

Standard equipment

Ballast weights on rear wheels 1 to 3 of 539 N (55 kp) each.

Additional power outlets

Flexible hoses of 800 mm length

— Swinging drawbar

Tractor weight. Ready for operation: 2540 kg.

Data and illustrations are informative. Subject to change without notice.

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