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**DEUTZ**

# Tractor D 8006



# D 80 06 • The powerful tra

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## Crack power in your hand

This DEUTZ is just the versatile machine that you need for working large acreages with heavy implements quickly and economically. This allround standard version holds many possibilities and all the advantages of the DEUTZ series 06:

- rugged, frameless monobloc construction
  - expedient, modern form of design with large driver's cockpit
  - three coats of weather-proof baking enamel on all body sheeting
  - infinitely adjustable DEUTZ driver's seat with oil cushioning
  - comfortably arranged and smoothly working levers and pedals
  - rugged air-cooled 6-cylinder DEUTZ diesel engine with direct injection
  - smoothly shifting transmission with well stepped-down 12 forward speeds and 4 reverse, and in addition
  - creep range with 4 forward and 2 reverse speeds
  - two-speed live PTO-shaft with optimum efficiency (540/1000 rev./min.), independent PTO clutch
  - automatic hydraulics—the DEUTZ TRANSFERMATIC SYSTEM with a lifting capacity of 2800 kp at the Cat. II three-point linkage
  - DEUTZ SIGCOOPUR air cleaner with a dust separation of 99.9%
  - easy servicing and maintenance
  - standard flange brackets for optional equipment, even for mounting front-end loader size S3
  - a variant to this model is available with synchromesh transmission, hand-operated independent PTO clutch
  - And at your request the D 80 06 will be supplied with integral hydraulic steering, cab heating and compressed air brakes.
- Go-ahead farmers use the powerful strength of their D 80 06 to improve the economy of their well run farm and to secure this economy for years to come. Even for you, Sir, it will be worth-while to give this DEUTZ a very close look.



Fcl. 912 engine



Front access



# ector for highest demands

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Three-point linkage



Swinging drawbar



Front ballast with towing clevis



Auxiliary control units



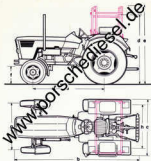
Panoramic view

## Its superior equipment

Powerful performance, long life and smooth running of the air-cooled DEUTZ diesel engines are proverbial. The D 8006 works silently and economically, even on tough round-the-clock jobs it has that amount of power in reserve that counts with a tractor of this class. The ideally stepped-down transmission ensures to make optimum use of the engine power within the engine's most favorable speed range. The hydraulic pump is directly driven by the engine. There is single lever control for: raising, lowering, working depth, free-float. The high power available at the PTO-shaft ensures cost-saving working. You have the use of two PTO speeds, namely 540 and 1000 rev./min. The hydraulic brakes with independent braking of each wheel give maximum safety even in the most critical situations. With ballast weights, which are just hooked on in front and are easily bolted on in the rear, the tractor has always the most suitable weight for any job, in any terrain.

## Its comfort to the point

The driver's cockpit of the D 8006 is of exemplary expedient design. The softly working levers and pedals with their short travel are in easy reach. All instruments on the board can be read at a glance. The oil-cushioned comfort seat, which can be folded up and is adjustable to any driver's weight and height, permits endless working without fatigue. The D 8006 has been designed for continuous duty for years to come and for permanent economy. Ask for a demonstration on your farm!



Version: Transmission: PTO-shaft:	SKFDE Standard 167 Live, 540/1000 rpm.	SKULDE Synchromesh 167 Independent 540/1000 rpm.
<b>Tyres, front:</b>	7.50-16, 7.50-20 AS Front	16.9/14-34 AS
<b>rear:</b>	16.9/14-30 AS	18.4/15-30 AS
<b>Speeds in km/h (mph):</b>	low high/rev.	low high/rev.
1st creep	0.9 (0.6) 1.1 (0.7)	0.9 (0.6) 1.2 (0.7)
2nd creep	1.3 (0.9) 1.7 (1.0)	1.4 (0.9) 1.8 (1.1)
3rd creep	2.1 (1.3) 2.7 (1.7)	2.2 (1.3) 2.9 (1.8)
2nd forward	3.3 (2.0) 4.3 (2.7)	3.5 (2.2) 4.5 (2.8)
3rd forward	5.1 (3.1) 6.6 (4.1)	5.4 (3.3) 7.0 (4.3)
4th forward	7.9 (4.9) 10.2 (6.3)	8.3 (5.1) 10.7 (6.7)
5th forward	12.8 (7.9) 16.3 (10.0)	13.3 (8.2) 17.1 (10.6)
6th forward	20.9 (12.9) 26.0* (16.1)*	21.0 (13.0) 26.0* (16.1)*

### Construction

Frameless monobloc; front axle bracket, engine, clutch housing and transmission are directly flanged together.

### Engine

DEUTZ air-cooled six-cylinder four-stroke F6L 912 diesel engine with direct injection, 100 mm (4 in.) bore, 120 mm (4.7 in.) stroke, 5652 c.c. (345 cu.in.) piston displacement, 2100 rpm, speed, forced-feed lubricating system with oil pressure pilot light, DEUTZ-SICCOPUR (dry-type) air cleaner with automatic dust ejection, spark-proof exhaust silencer, oil and fuel filters, infinite speed control by hand (lockable) and by foot, tractorometer.

### Rear axle

Bevel drive with spiral gears, final drive with planetary gearing, differential lock.

### Front axle

Telescopic type, with front wheel mudguards.

### Turning radius

4.00 m (13.1 ft.) when using steering brake, 4.60 m (18.4 ft.) w/o steering brake.

### Clutch

Dual type.

### Hydraulics

DEUTZ TRANSFERMATIC SYSTEM of 2,200-2,800 kp (4,850-6,200 lbs.) lifting capacity at bottom link hitch points, with 3-point linkage of Category II.

### Dimensions and weights:

	16.9/14-30	18.4/15-30	16.9/14-34
Wheelbase	a mm (in.)	2500 (100.4)	2500 (100.4)
Length	b mm (in.)	4200 (165.4)	4200 (165.4)
Width	c mm (in.)	1900 (79.3)	1900 (79.3)
Height	d mm (in.) exhaust	2370 (93.3)	2430 (96.1)
	e mm (in.) safety frame	2660 (100.8)	2690 (105.9)
Ground clearance	f mm (in.) below front axle	520 (20.5)	520 (20.5)
Track gauge	g mm (in.) front telescopic axle	1420-1820 (55.9-72.0)	1420-1820 (55.9-72.0)
	h mm (in.) rear disc wheel	1520 and 1620 (60.2 and 75.8)	1520 and 1620 (60.2 and 75.8)
	i mm (in.) track ad. wheel	1820-2030	1820-2030
Bare operating weight	kg (lbs.) incl. hydraulics	(52.4-79.5)	(59.4-79.5)
		210 (463.4)	210 (463.4)

	Rotational speed	Diameter x Width/Length	Belt speed
	rpm.	mm (in.)	m/s (ft./min.)
PTD-shaft at 1320/1350 engine rpm.	540/1500	1 1/4" x 75 (3)	11.0 (36.9)
Belt pulley on PTD-shaft	1390	200 x 220 (11 x 9)	20.4 (67.1)

### Driver's seat

De-luxe type with anti-vibration springs, adjustable to driver's height and weight.

### Trailer hitch

Pivoted and vertically adjustable.

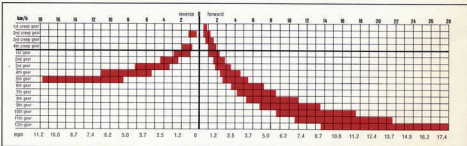
### Safety frame (optional)

To OECD Regulations

### Other optional equipment

Extendible bottom links; short 3-point toolbar; auxiliary control units; canopy with safety glass windscreen, with electric windscreen wiper; side protection; cab heating system; belt pulley with drive; passenger seat with cushion; integral hydro-steering; implements lamp; front and rear wheel ballast; air brake system; fuel gauge; swinging drawbar.

The contents of this leaflet are subject to change without notice.



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