



CD-170

JET-A

ENGINE SERIES

Continental's CD-170 Jet-A piston engine features 170-horsepower turbocharged, inline 4-cylinder engine has low operating costs, consuming 7.9 gallons of Jet-A1 per hour during cruise. Equipped with Full Authority Digital Engine Control (FADEC), reducing pilot workload so you can focus more on flying. Expanding its capability beyond fixed-wing applications, the CD-170R is EASA certified for advanced rotary-wing use. It features a durable, technologically advanced fuel system with added redundancy for greater peace of mind.

POWER:
125 kW (168 HP)
170 DIN HP

MAX RATED RPM:
2300 rpm

BORE × STROKE:
83 mm × 92 mm
(3.268 in × 3.622 in)

DISPLACEMENT:
1991 cm³ (122 in³)

COMPRESSION RATIO:
15.5:1

HEIGHT:
636 mm (25.03 in)

WIDTH:
778 mm (30.63 in)

LENGTH:
690 to 816 mm
(27.18 to 32.12 in)

DRY WEIGHT :
139 to 156 kg
(306.4 to 343.9 lbs)

CERTIFIED FUELS:
Jet-A, Jet A1, JET A-1 (ASTM D 1655), Diesel (EN 590)

TIME BETWEEN REPLACEMENT (TBR):
1200 to 1800 hrs or 12 yrs

CONFIGURATION OPTIONS:
Tractor, Rotary

CD-170 JET-A SERIES DETAILS

MODEL	# CYL	RATED POWER ¹				BORE x STROKE	DISPL.	DRY WEIGHT	CERTIFIED FUEL GRADE	COMP. RATIO	TBR	EASA TCDS
		kW	HP	DIN HP	RPM							
CD-170	4	125	168	170	2300	83 x 92 mm	1991 cm ³	156 kg	Jet A-1 (ASTM D 1655), Diesel (EN 590)	15.5:1	1800 hrs or 12 yrs	E.055
						3.268 x 3.622 in	122 in ³	343.9 lbs				
CD-170R	4	125	168	170	2300	83 x 92 mm	1991 cm ³	139 kg	Jet A-1 (ASTM D 1655)	15.5:1	1200 hrs or 12 yrs	E.055
						3.268 x 3.622 in	122 in ³	306.4 lbs				

1. Rated power is expressed in kW and DIN HP 15°C.

CD-170 ENGINE SERIES PERFORMANCE POWER AT ALTITUDE

