



X-370

TITAN™

EXPERIMENTAL ENGINE SERIES

The **TITAN™** X-370 is a piston engine rated at 185 to 195 horsepower, designed for experimental and light sport aircraft that require strong performance and quality. Built for higher power and durability, **TITAN™** engines offer customization options, including color finishes and weight ratios. Supported by Continental's aviation expertise, the X-370 combines attractive design with dependable performance.

POWER:
138 to 145.4 kW
(185 to 195 HP)

MAX RATED RPM:
2700 rpm

BORE × STROKE:
130.2 mm × 114.3 mm
(5.125 in × 4.50 in)

DISPLACEMENT:
2393.5 cm³
(371 in³)

COMPRESSION RATIO:
8.3:1 or 9.6:1

HEIGHT:
517.1 to 629.9 mm
(20.36 to 24.8 in)

WIDTH:
848.6 mm
(33.41 in)

LENGTH:
738.4 mm
(29.07 in)

DRY WEIGHT:
125.6 to 134.3 kg
(277 to 296 lbs)

CERTIFIED FUELS:
100/100LL Avgas

**RECOMMENDED TIME
BETWEEN OVERHAUL (TBO):**
2000 hrs

TITAN™ X-370 ENGINE

PERFORMANCE SPECIFICATIONS

X-370 SERIES

AIRFRAME:	Experimental
MAXIMUM CONTINUOUS HP:	185 to 195 HP
MAXIMUM RPM @ FULL POWER:	2700
RECOMMENDED TBO:	2000 hrs
NUMBER OF CYLINDERS:	4
BORE:	5.125 in
STROKE:	4.5 in
DISPLACEMENT:	371 in ³
COMPRESSION RATIO:	8.3:1 or 9.6:1
CHT – MAXIMUM:	500°F
CHT AT MAXIMUM CRUISE (RECOMMENDED):	425°F
SPARK PLUG BOSS**:	18mm
FUEL DELIVERY:	Carb or Injection
AVIATION GRADE, OCTANE (RECOMMENDED):	100/100LL
HEIGHT:	20.36 to 24.8 in
WIDTH:	33.41 in
LENGTH:	29.07 in
ESTIMATED DRY WEIGHT***:	277 to 296 lbs
NORMAL OPERATING OIL TEMP:	180°F to 245°F
NORMAL OPERATING OIL PRESSURE, PSI (MAXIMUM/MINIMUM/IDLING):	90/60/25
ENGINE MOUNT:	Dynafocal Type 1 or Conical
PROPELLER:	Constant Speed or Fixed
PROP GOVERNOR LOCATION:	Right Rear or Front Left Hand
CRANKSHAFT FLANGE:	0.44 in thick
CRANKSHAFT BUSHINGS (PROP BOLT SIZE):	½ - 20 UNF
OIL CAPACITY:	8 quarts
INDUCTION PLENUM:	Warm Vertical-Magnesium or Cold-Horizontal

**Can be configured with 14mm inserts for certain electronic ignition systems.
 ***Engine weights vary with engine model and configuration.