

FUTURE OF POWER

Introducing the DHK series of engines, a true revolution in power that redefines what you can expect from high-performance engineering. These engines exemplify affordability, dependability, and adaptability, ensuring they meet the rigorous demands of any operational environment. With an unparalleled focus on safety, our design incorporates robust redundancy features that guarantee continuous performance under diverse power needs.



Proudly **engineered, manufactured, and assembled** in the United States, DeltaHawk embodies a commitment to excellence and innovation.

SCHEDULE A VIDEO CALL

MAKE A RESERVATION

OPERATIONAL PERFORMANCE ◀◀◀◀◀

MODEL	DHK2L25	DHK2L50
HP (kW) @ MAX POWER	25HP (18.6kW)	50HP (37.3kW)
MAXIMUM CONTINUOUS POWER HP (kW) @ 3000rpm	25HP (18.6kW)	50HP (37.3kW)
FUEL CONSUMPTION @MAX POWER - lbs/hr. (US gal/hr.) @ 3000rpm	10.0lbs/hr. (1.48 US gal/hr.)	20lbs/hr. (2.96 US gal/hr.)
HP (kW) @ BEST ECONOMY- 2200rpm	17HP (12.6kW)	35HP (26.0kW)
FUEL CONSUMPTION @BEST ECONOMY - lbs./hr. (US gal/hr.) @ 2200rpm	6.5lbs/hr. (0.96 US gal/hr.)	13.3lbs/hr. (1.96 US gal/hr.)
TORQUE ft-lbs (Nm) @ 3000rpm	50.5ft-lbs (68.5Nm)	101ft-lbs (137.0Nm)

SPECIFICATIONS ◀◀◀◀◀

ASPIRATION	NATURALLY ASPIRATED
DIRECTION OF ROTATION	CLOCKWISE FROM FLYWHEEL END
WEIGHT - lbs (kg) est.	80lbs (36.4kg) - INCLUDES STARTER ALTERNATOR, & EXHAUST SYSTEM
DISPLACEMENT - in³ (liter)	52.3in³ (0.86L)
ORIENTATION	IN-LINE TWIN
NUMBER OF CYLINDERS	2
IGNITION TYPE	COMPRESSION IGNITION
FUEL TYPE	JET A, JET A-1. WILL BURN: JP5, JP8, SAF
FUEL SYSTEM	INDIRECT INJECTION - PUMP LINE NOZZLE SYSTEMS
COMPRESSION RATIO	17:1 GEOMETRIC (~14:1 DYNAMIC)
MAXIMUM RPM	3000
OIL SYSTEM	SACRIFICIAL PRESSURE LUBRICATION - 1:50 RATIO (NOMINAL 0.5 US-GAL CAPACITY)
STARTER	12V ELECTROMECHANICAL SOLENOID OR (ISG 24V)
COLD START CAPABILITIES	INTEGRAL GLOW PLUGS - 12V (24V)
ALTERNATOR	DIRECT DRIVE 12V - 25AMP (24V - 35AMP)
OPERATIONAL TEMPERATURES °F (°C)	32°F (0°C) TO 120°F (48.89°C)
INDUCTION	PISTON PORTED 2-STROKE REED VALVE LOOP SCAVENGED
COOLING	LIQUID COOLED - MAXIMA DELTACOOBLUE 50/50 BLEND
OIL GRADE	HIGH PERFORMANCE SYNTHETIC INJECTION OIL
FIRING ORDER	1-2