

Hobart JetEx® 7D Cummins 4BT Diesel (Tier 4i)

EPA TIER 4i / CARB TIER 4i
EU STAGE III B

Low emissions compliant



Performance Features:

- Low emission certified engine (Tier 4i)
- Lift-off doors and removable panels provide complete access to engine, generator and control compartments
- Stainless steel fuel tank
- Capable of 12 turboprop aircraft starts on a single gallon of fuel
- 12 to over 30 hours of operation between refueling depending on usage
- Low fuel warning and shutdown
- Delay stop (for turbo protection) and emergency shutdown
- Reliable, Hobart manufactured AC rectified generator with automatic voltage build-up
- Hand activated breaking system
- Precise voltage regulation
- Adjustable current limit for safe starting of any DC aircraft
- Low noise design (less than 80 dBA)
- 30 ft. (9 m) DC output cable

*HOBART is part of ITW GSE
- the world's leading supplier of Ground Support Equipment*



It's all about connections

Specifications

Hobart JetEx[®] 7D

Engine

- Cummins 4BT 3.3 diesel operating at 1800 RPM (69HP)
- 4-stroke, 4 cylinder, diesel turbo-charged engine
- Full application approval by Cummins
- Low oil pressure shutdown, high water temperature shutdown, and high speed limiting provide full engine protection
- Single, maintenance-free 875 CCA battery

Output

- 28.5 volts DC output
- 600 amps continuous rating at 28.5 VDC
- 1,500 amps available for aircraft engine starting
- Current limit adjustable from 300 to 1,500 amps
- Line drop compensation provides proper voltage at aircraft plug

Environmental

- Operating temperature range of -25° F to +125° F (-31° C to + 52° C)
- No de-rating required at altitudes up to 10,000 feet when running in normal operation
- Relative humidity 10-95% non-condensing

Enclosure

- NEMA 3R (IP54)
- Anti-corrosive polyester powder provides excellent weather resistance, flexibility and adhesion, plus a strong resistance to chemical agents such as glycol and skydrol, or diesel
- Standard color is high gloss white chassis over black frame
- Custom colors require a paint chip or swatch for accurate color match

Trailer

- Tire Size: 30 x 12 (21" diameter)
- Ground Clearance: 9"
- Brakes: Over the center hand activated

Dimensions and Weight

- Dimensions: Kindly refer to the drawing in next column
- Weight: 2,669 lbs (mobile)

Controls & Indicators

- Alternator gauges include: Voltmeter & Ammeter
- Engine gauges include: Tachometer, oil pressure, fuel level, water temp, hour meter and battery voltmeter
- Panel Lights

- Engine start switch
- Air cleaner restriction indicator
- Emergency Stop Button
- Engine idle/run switch
- Engine "ON" light
- Contactor close/open switch
- Contactor "CLOSED" light

Standards

- Aircraft Electric Power Characteristics MIL-STD-704F
- General Requirements for Ground Support Electrical Supplies For Aircraft BS 2G219 (ISO6858)
- General Requirements for Aerospace Ground Support Equipment Motorized and Non-motorized - ARP1247 Rev. C
- Specification for Ground Power Equipment Technical Data ATA-Spec 101
- EMC Directive 89/336/EEC
- Low Voltage Directive 73/23/EEC
- Machinery Directives 89/392/EEC, 91/368/EEC, and 93/44/EEC

Available Options:

- Unit operating light - amber
- Low fuel beacon - blue
- Clearance lights
- Block heaters & battery blanket
- CE Marking/Certification
- Cable tray rollers
- 2,000 amp start
- Tie down rings
- Forklift pockets

