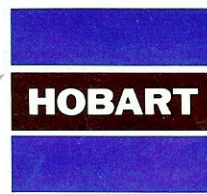


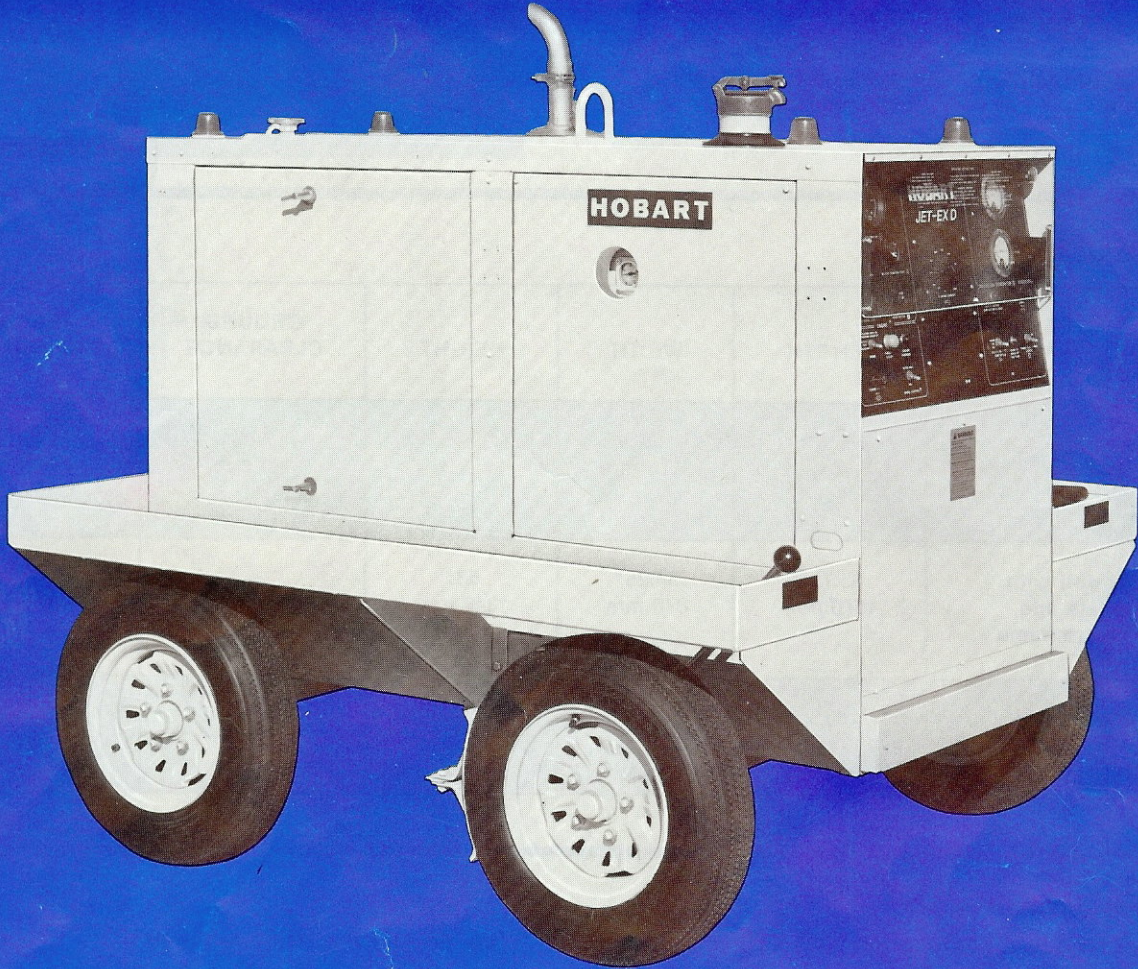
# GROUND POWER DIVISION

POWER SYSTEMS GROUP, HOBART BROTHERS COMPANY, TROY, OH 45373 U.S.A.  
PHONE (513) 332-4000 • TELEX 6975681 HBCO PSD TRYO • TELEFAX (513) 339-4219



DATA SHEET: **322**  
INDEX: 101588  
REPLACES: 080188

**Hobart Jet-Ex D4 diesel ground power unit, DC output,  
nominal 28.5 volts with optional 14.25 volts available**



## BENEFITS

- Uses common fuels
- Increased power
- Increased efficiency
- Lower start-up/operating costs
- Noise reduced
- Compact/easy to maneuver around aircraft

## FEATURES

- All welded steel frame with weather-resistant canopy
- Powered by a 4.236 Perkins industrial diesel engine
- High efficiency AC rectified alternator
- Hobart current limiting "soft-start" control
- Easy access for maintenance of engine and generator
- Engine and generator controls are protected by a hinged lexan window
- Safety fuel filler cap
- Low oil pressure protection
- High water temperature protection



## ELECTRICAL CHARACTERISTICS

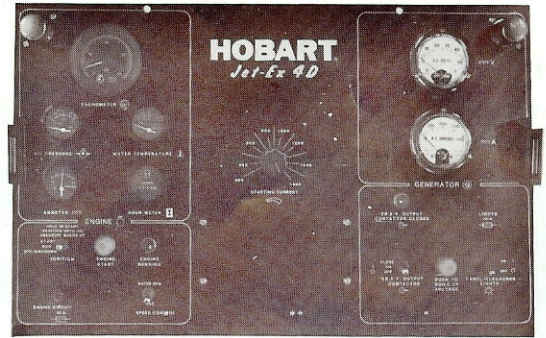
**VOLTAGE OUTPUT:** 28.5 volts DC (optional 14.25 volts DC)

**CONTINUOUS RATING:** 550 amps. at 28.5 volts DC

**STARTING CURRENT:** Current limiting "soft start" adjustable from 300 amps. at 28.5 volts to 2000 amps. at 21 volts (at the ground power unit terminals)

## CONTROL PANEL INCLUDES—

- Generator voltmeter
- Generator ammeter
- Engine tachometer
- Engine oil pressure gauge
- Engine water temperature gauge
- Engine ammeter
- Hour meter
- Current limiting adjustment
- Engine starting controls
- Generator contactor controls



## DIMENSIONS

MODEL	LENGTH	WIDTH	HEIGHT	GROUND CLEARANCE	WEIGHT WITHOUT FUEL
Trailer mounted with fenders, bumpers and cable trays	75.5" 1918 mm	58" 1473 mm	63.75" 1632 mm	7.5" 191 mm	2410 Lbs. 1093 Kg.
Stationary unit with cable hangers and spacers under frame	65.75" 1670 mm	34.25" 870 mm	53" 1346 mm	—	1970 Lbs. 894 Kg.
Footprint without trailer	65" 1651 mm	28" 711 mm	—	—	—

## OPTIONAL EQUIPMENT

- 14.25 volt circuit in conjunction with 28.5 volt unit
- Cold weather starting aid
- 30 foot DC output cable with AN-2551 oval plug, no sensing leads required
- 30 foot DC output cable with MS-25019 rectangular plug, no sensing leads required
- Trailer fenders, bumpers and cable trays
- Trailer 5.30x12 inch tires with hand actuated parking brake and towing eye. Trailer designed for ramp service

## PAINTING

All Hobart ground power equipment is painted with DuPont Dulux automotive enamel. Jet-Ex D4 paint options are:

- A.** One overall color of your choice is standard
- B.** Two colors, extra charge
- C.** Two colors with contrasting stripe, extra charge

*Please specify paint colors by DuPont numbers or furnish paint chip for color matching.*

*Because Hobart Brothers Company is constantly improving products, Hobart reserves the right to change design and/or specifications without notice.*

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